ACCELERATING TO ACHIEVE A SUSTAINABLE FUTURE

Saudi Arabia Voluntary National Review 1444-2023
The Kingdom of Saudi Arabia

The heart of the Arab and Islamic world, the investment powerhouse, and the hub connecting three continents.

The Kingdom of Saudi Arabia is a country of a deep-rooted cultural heritage, as well as an inherent series of civilizations that are crowned by the religion of Islam. Its culture is defined by its Islamic heritage, its historical role as an ancient trade center, and its traditions. Saudi Arabia enjoys great culture and heritage, affirming the depth of its civilization as well as its historical presence through the ages upon which the country stands today.
Key Facts about the Kingdom of Saudi Arabia

- **Arabian Gulf**
- **Location**
- **Riyadh**
- **Capital**
- **13**
  - Number of regions
- **32,175,224**
  - Population year 2022
- **2,215,500 square kilometers**
  - Area
- **Monarchy**
- **Government**
- **Arabic**
- **Language**
- **Saudi Riyal (SAR)**
- **Currency**

### Acronyms & Abbreviations

- **Adaa** National Center for Performance Measurement
- **AGFUND** Arab Gulf Program for Development
- **AIDS** Acquired Immunodeficiency Syndrome
- **ART** Antiretroviral Therapy
- **AVSDN** Arab Youth Sustainable Development Network
- **BA** Bachelor’s Degree
- **BENA** Build & Employ National Abilities
- **CCE** Circular Carbon Economy Program
- **CCS** Carbon Capture and Storage
- **CCUS** Carbon Capture, Utilization and Storage
- **CEDA** Council of Economic and Development Affairs
- **CEM** Clean Energy Ministerial
- **CLG** King Salman Center for Local Governance
- **CO₂** Carbon Dioxide
- **COVAX** Covid-19 Vaccine Global Access
- **COVID-19** Coronavirus Disease 2019
- **CSO** Civil Society Organization
- **DAC** Development Assistance Committee
- **DTP** Diphtheria, Tetanus, and Pertussis
- **EGDI** United Nations e-Government Index
- **ESD** Education for Sustainable Development
- **ESTIDAMAH** National Research and Development Center for Sustainable Agriculture
- **EV** Electric Vehicle
- **FAO** Food and Agriculture Organization
- **G20** Group of 20
- **GASTAT** General Authority for Statistics
- **GCC** Gulf Cooperation Council
- **GCED** Global Citizenship Education
- **GDP** Gross Domestic Product
- **GFSA** General Food Security Authority
- **GHG** Greenhouse Gas
- **GOSI** General Organization for Social Insurance
- **HCDP** Human Capability Development Program
- **HCV** Hepatitis C Virus
- **HIAP** Health in All Policies
- **HIV** Human Immunodeficiency Virus
- **HRDF** Human Resources Development Fund
- **HRH** His Royal Highness
- **ICT** Information and Communication Technologies
- **IKTVA** In-Kingdom Total Value Add
- **ILD** International Labor Organization
- **ITS** Intelligent Transportation System
- **IUCN** International Union for Conservation of Nature
### Table of Contents

<table>
<thead>
<tr>
<th>SDG 1 – NO POVERTY</th>
<th>123</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. General Situation</td>
<td>125</td>
</tr>
<tr>
<td>2. Institutional Framework and Key Ongoing Initiatives</td>
<td>126</td>
</tr>
<tr>
<td>3. Key Areas for Attention and Next Steps</td>
<td>130</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SDG 10 – REDUCED INEQUALITIES</th>
<th>133</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. General Situation</td>
<td>135</td>
</tr>
<tr>
<td>2. Institutional Framework and Key Ongoing Initiatives</td>
<td>136</td>
</tr>
<tr>
<td>3. Key Areas for Attention and Next Steps</td>
<td>143</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SDG 11 – SUSTAINABLE CITIES AND COMMUNITIES</th>
<th>145</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. General Situation</td>
<td>147</td>
</tr>
<tr>
<td>2. Institutional Framework and Key Ongoing Initiatives</td>
<td>148</td>
</tr>
<tr>
<td>3. Key Areas for Attention and Next Steps</td>
<td>149</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SDG 12 – RESPONSIBLE CONSUMPTION AND PRODUCTION</th>
<th>153</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. General Situation</td>
<td>154</td>
</tr>
<tr>
<td>2. Institutional Framework and Key Ongoing Initiatives</td>
<td>154</td>
</tr>
<tr>
<td>3. Key Areas for Attention and Next Steps</td>
<td>158</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SDG 13 – CLIMATE ACTION</th>
<th>161</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. General Situation</td>
<td>163</td>
</tr>
<tr>
<td>2. Institutional Framework and Key Ongoing Initiatives</td>
<td>163</td>
</tr>
<tr>
<td>3. Key Areas for Attention and Next Steps</td>
<td>164</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SDG 14 – LIFE BELOW WATER</th>
<th>167</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. General Situation</td>
<td>169</td>
</tr>
<tr>
<td>2. Institutional Framework and Key Ongoing Initiatives</td>
<td>171</td>
</tr>
<tr>
<td>3. Key Areas for Attention and Next Steps</td>
<td>172</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SDG 15 – LIFE ON LAND</th>
<th>175</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. General Situation</td>
<td>176</td>
</tr>
<tr>
<td>2. Institutional Framework and Key Ongoing Initiatives</td>
<td>178</td>
</tr>
<tr>
<td>3. Key Areas for Attention and Next Steps</td>
<td>179</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SDG 16 – PEACE, JUSTICE AND STRONG INSTITUTIONS</th>
<th>181</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. General Situation</td>
<td>183</td>
</tr>
<tr>
<td>2. Institutional Framework and Key Ongoing Initiatives</td>
<td>186</td>
</tr>
<tr>
<td>3. Key Areas for Attention and Next Steps</td>
<td>189</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SDG 17 – PARTNERSHIPS FOR THE GOALS</th>
<th>191</th>
</tr>
</thead>
<tbody>
<tr>
<td>Summary of Saudi Arabia’s Achievement of SDGs</td>
<td>193</td>
</tr>
<tr>
<td>Saudi Arabia’s COVID-19 Response</td>
<td>195</td>
</tr>
<tr>
<td>Contributions and Voices of Civil Society</td>
<td>199</td>
</tr>
<tr>
<td>Contributions and Voices of the Private Sector</td>
<td>205</td>
</tr>
<tr>
<td>Conclusion and Efforts Going Forward</td>
<td>211</td>
</tr>
<tr>
<td>Annex I: Framework for the Promotion of Sustainability in the Corporate Sector</td>
<td>213</td>
</tr>
</tbody>
</table>
Foreword by HE Minister of Economy and Planning

It is an honor for me to present through this Voluntary National Review (VNR) the Kingdom of Saudi Arabia’s progress towards the Sustainable Development Goals (SDGs). Under the leadership of King Salman bin Abdulaziz Al Saud and Crown Prince Mohammed bin Salman Al Saud, the Kingdom has put sustainable development at the forefront of national priorities by integrating it into the Vision 2030 – our country’s blueprint for our long-term goals and expectations. Saudi Arabia’s strong commitment to sustainable development, as exemplified by the achievements highlighted in this report, is further shaped by our deep-rooted traditions and a collaborative approach taken by our government towards sustainable development. As we reach the halfway point of Vision 2030 and the global development agenda, this report reflects on our experience with the SDGs since our last VNR in 2018, showcasing the Kingdom’s unprecedented reforms and achievements in the area of sustainable development.

Through the pages of this VNR report you will witness the tremendous progress that the Kingdom of Saudi Arabia has made in human development, environmental protection, and economic development. Indeed, the 2022 Sustainable Development Report, a global assessment of progress towards the SDGs, documented that Saudi Arabia had made significant advancement in most SDG areas, with no areas experiencing a downward trend. Only three SDGs - 14, 15, and 16 – were reported to have experienced stagnation. In response to this, the Saudi government has launched the Saudi Green Initiative, an ambitious multi-billion-dollar initiative aimed specifically at addressing the challenges encountered in SDG areas 14 and 15. Similarly, as you will see in the pages of this report, a number of ambitious initiatives have been launched by the Saudi government in the area of SDG 16.

*Human development* is a key dimension of Saudi Arabia’s progress with SDGs, encompassing significant strides in education, healthcare, and social services. We have eradicated poverty in our country. Every single family has access to essential public services like education, healthcare, electricity, water, and sanitation. Since 2017, we have provided 26.6 billion USD in social protection through our Citizen Account Program. In our country, 98% of all births are attended by trained healthcare personnel. Infrastructure improvements, technology adoption, and increased professional training have enhanced the efficiency and capacity of healthcare. The under-5 mortality rate is now just 9 deaths per 10,000 live births. We have seen a significant reduction in tuberculosis, with the incidence rate dropping from 11 per 100,000 in 2015 to 8 per 100,000 in 2021. We have digitally connected 500 health centers and hospitals to our electronic healthcare system. We are investing in our future by allocating 8.3% of our GDP to education. The government actively promotes women’s rights through a range of initiatives that facilitate women’s participation in the labor force, entrepreneurship and decision-making. Female participation in the labor force has risen from 19.4% in 2015 to 32% in 2020.

Saudi Arabia has prioritized *environmental protection and natural resource preservation*. Our Saudi Green Initiative (SGI) aims to reduce emissions with a goal of 50% power from renewable sources and net zero by 2060, revitalize the environment by planting 10 billion trees and rehabilitating 40 million hectares of land, and safeguard the ecosystem by protecting 30% of terrestrial and marine areas by 2030. We have launched 77 initiatives to deliver on the SGI goals. We have powered 150,000 homes with clean energy and have developed 11.4 GW of renewable energy capacity. We have installed 10 million smart electricity meters, which help us cut CO2 emissions by 1.8 million tons every year. We have launched the Circular Carbon Economy approach, adopted by G20 countries, and have spearheaded the Middle East Green Initiative which fosters regional collaboration to meet climate targets. We have reduced our agricultural water consumption by 9.6 billion cubic meters. We have taken significant steps to green Saudi Arabia by planting 18 million trees, rehabilitating 60,000 hectares of degraded land, and cultivating 250,000 shrubs in AlUla nurseries in 2022 alone. In our commitment to preserving the land and sea, we’ve protected an area spanning 66,000 km², invested $25 million specifically for the conservation of the Arabian leopard, and successfully reintroduced more than 1,200 animals back into their natural habitats in 2022.

Through concerted effort, we have achieved remarkable success in the area of *economic development* by making our economy more diversified, competitive and resilient. Our labor’s share of GDP in 2020 reached 49.2%, which is a substantial rise from 40.6% in 2018. We have established 77 companies across 13 strategic sectors through funding from the Public Investment Fund, creating over 500,000 direct and indirect jobs. We have 17 major cities undergoing transformation under the “Future Saudi Cities Program 2014-2022.” In the UN e-Government Index, our ranking has improved significantly, moving up to 31st spot in 2022 from 52nd in 2018. Financial sector reforms have opened the market to international finance and foreign capital, and ambitious labor market reforms have increased the participation of women and young people in the workforce.

Saudi Arabia’s achievements presented in this report are evidence of our nation’s commitment to sustainable development. They are also the result of the collaborative and inclusive approach we have taken, involving all sectors of society and all segments of the population. Guided by our traditions and vision, we remain dedicated to working towards a future where all our people live in prosperity and security and contribute to a peaceful and prosperous planet.

HE Faisal F. Alibrahim
Minister of Economy and Planning
Introduction

With this report, the Kingdom of Saudi Arabia presents the Kingdom's progress towards the fulfillment of sustainable development goals since its first VNR in 2018. Emphasizing the Leave No One Behind principle, the report examines the country’s efforts to provide equal opportunities for all.

The report was formulated in full conformity with the guidelines set forth by the United Nations Secretary General and the Handbook for Voluntary National Review Preparation. Developed through a highly participatory process, it presents in an integrated fashion the views of a broad range of national stakeholders, including government entities, civil society organizations, private sector companies, representatives of media and academia, and other stakeholders.

The report outlines the growing prominence and increasing integration of sustainable development principles into the Saudi policy framework and society at large. It provides an overview of the efforts made by the government and non-governmental actors to implement the SDGs. Particular attention in this report is paid to the Leave No One Behind principle, examining the progress made in ensuring that everyone, regardless of their socio-economic background, has equal opportunities to access the benefits of the development process. The report includes a chapter on challenges posed by the COVID-19 pandemic and the actions Saudi Arabia took to contain the spread of the virus, mitigate its health and economic effects and set the economy on a path to full recovery.

The report also highlights the involvement of civil society organizations, academic institutions, the private sector, and youth in implementing SDGs. Many civil society organizations and private companies are addressing environmental challenges and promoting sustainability in renewable energy, sustainable agriculture, and eco-tourism, often in partnership with government institutions. This collaborative approach ensures complementary efforts and diverse perspectives in pursuing SDGs.

The following are the main messages of the report.

• Saudi Arabia has placed sustainable development at the forefront of national priorities by fully integrating it into the Vision 2030, the country's transformational long-term plan. The Vision seeks to transform Saudi Arabia into a thriving and dynamic nation, while at the same time balancing economic growth with social and environmental sustainability. The integration of Vision 2030 and the SDGs represents a concerted effort to promote sustainable and inclusive development.

• The Kingdom views sustainability as a driving force for growth and advancement, and strives to integrate economic, social, and environmental considerations into development initiatives. This commitment is reflected in the extensive institutional and policy framework that underpins the SDGs, culminating with the establishment of Sustainable Development Steering Committee in September 2021. Sustainability has become central to policy development, with key measures taken by the Government to foster policy coherence for sustainable development. To this end, the Government has adopted a whole-of-society and a whole-of-government approach to policymaking. This commitment is further reflected in the strong emphasis Saudi Arabia placed on the implementation of the sustainable development agenda during its G20 Presidency in 2020, whose focus was on three main goals: “empowering people, protecting the planet, shaping new horizons through the digital economy and employing innovative technologies”.

• This VNR report highlights the progress Saudi Arabia has made across all SDG areas since 2018. This progress has been comprehensive in nature. Out of the 116 SDG indicators tracked by the country, only 7 have exhibited a non-improving trend during the period in question. Furthermore, according to the 2022 Sustainable Development Report, a global assessment of progress toward the SDGs, Saudi Arabia has shown improvement in most SDG areas, with no areas experiencing a declining trend. According to this assessment, only three SDGs - 14, 15, and 16 - have demonstrated stagnation. To address these, the Saudi government has launched in 2021 the Saudi Green Initiative, which is aimed directly at addressing the SDG areas 14 and 15. Furthermore, additional initiatives have been undertaken by the Saudi government in the realm of SDG 16.

• The Kingdom has launched numerous initiatives in support of sustainable development. The Saudi Green Initiative positions Saudi Arabia as a global leader in climate action and environmental protection. The Middle East Green Initiative, a regional effort to address climate change, and the Circular Carbon Economy approach targeting net zero emissions, have also been launched. The Saudi Public Investment Fund, one of the world’s largest sovereign funds, has committed billions of dollars in financing for private sector projects promoting economic growth and sustainable development. Furthermore, institutions like the King Abdulaziz City for Science and Technology, the Saudi Data & AI Authority and multiple incubators and accelerators foster technological development and innovation.

• Saudi Arabia’s commitment to sustainable development is long-standing and present in all social, environmental, and economic dimensions. In the social sphere, Saudi Arabia has established an extensive social protection system, which incorporates social insurance programs, social safety nets, and labor market support programs, providing citizens with wide-ranging support in areas such as health, retirement, unemployment insurance, subsidies, housing, education, and employment. The Kingdom has tackled childhood malnutrition, enhanced its healthcare system, maintained high vaccination rates, and achieved near gender parity in education. Human rights are fortified through multiple programs and the Human Rights Commission. Women’s empowerment has progressed through increased workforce participation and leadership representation. Women’s rights have been prioritized, adopting laws promoting equal pay, travel freedom, and violence protection.

• Saudi Arabia places great importance on the protection of environment and the preservation of natural resources. The Kingdom has set out to increase renewables to 50% of its power generation by 2030. The Kingdom is scaling up renewable projects, electric vehicle adoption, hydrogen production, energy efficiency, and carbon capture, utilization, and storage. Improvements in clean water and sanitation have been achieved. The Kingdom participates actively in climate negotiations, has ratified the Paris Agreement, and aims for net-zero emissions by 2060 through the circular carbon economy approach. The Government has also established ambitious afforestation efforts and protection of marine and land areas.

• In the area of economic development, Saudi Arabia is expanding sectors such as tourism, technology, and diversified energy. The Kingdom has made significant progress in creating jobs, with a particular focus on female labor force participation, which rose from 19.4% in 2015 to 36% in 2022. Multiple large-scale urban development programs are expanding green spaces, pedestrian walkways, and recreational areas.

• Saudi Arabia has a rich history of humanitarian aid and development assistance, driven by its Islamic principles and commitment to international development. Known as one of the world’s most generous donors, the Kingdom ranked eighth globally in humanitarian assistance according to the UNOCHA Financial Tracking Service and first in providing Official Development Assistance as a percentage of its Gross National Income, according to the OECD-DAC in 2021. Historically, Saudi Arabia has provided $87.5 billion in international aid to combat global poverty, benefiting 166 countries through 5,424 projects spanning 39 sectors.

• Saudi Arabia’s achievements outlined in the VNR report are evidence of its unswerving commitment to sustainable development. They are the result of unprecedented reforms ushered in by Vision 2030 and the collaborative and inclusive approach involving all segments of society. Guided by its traditions and vision, Saudi Arabia remains dedicated to a future where all people live in prosperity and security and contribute to a peaceful and prosperous planet.
This section of the report describes Saudi Arabia’s institutional framework for achieving SDGs, details the policy foundations provided by Saudi Vision 2030, illustrates the interconnectedness between Vision 2030 and SDGs, and outlines how SDG working groups continuously improve the policy framework for sustainable development, ensuring a cohesive approach to development and sustainability.

### Institutional Framework

Saudi Arabia has developed a comprehensive roadmap for achieving the sustainable development agenda in the country and internationally. This roadmap is underpinned by a number of Royal Mandates and key institutional structures designed to mainstream the “Sustainable Development” agenda into the country’s policy and institutional framework. The figure below summarizes the establishment process of SDG-related institutions and the eco-system of institutions that support the implementation of SDGs.

**Policy and Enabling Environment**

This section of the report describes Saudi Arabia’s institutional framework for achieving SDGs, details the policy foundations provided by Saudi Vision 2030, illustrates the interconnectedness between Vision 2030 and SDGs, and outlines how SDG working groups continuously improve the policy framework for sustainable development, ensuring a cohesive approach to development and sustainability.

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### Established an comprehensive governance focused on the sustainable development agenda

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sep 2015</td>
<td>UN Resolution on SDG</td>
</tr>
<tr>
<td></td>
<td>UN General Assembly Resolution on the SD Agenda adopted by Saudi Arabia</td>
</tr>
<tr>
<td>May 2016</td>
<td>MEP Mandate</td>
</tr>
<tr>
<td></td>
<td>Royal Decree assigning MEP the responsibility to monitor the achievement of SDG</td>
</tr>
<tr>
<td>July 2020-July 2021</td>
<td>Ecosystem Roadmap</td>
</tr>
<tr>
<td></td>
<td>Roadmap to create SDG ecosystem in KSA to enable implementation</td>
</tr>
<tr>
<td>Sep 2021</td>
<td>SDSC Establishment</td>
</tr>
<tr>
<td></td>
<td>Royal Decree to establish Sustainable Development Steering Committee and develop KSA Sustainability Roadmap</td>
</tr>
<tr>
<td>Apr 2022</td>
<td>Tactical Roadmap</td>
</tr>
<tr>
<td></td>
<td>KSA Sustainability Roadmap is an action oriented roadmap with 150+ tactical recommendations on achieving sustainability in KSA</td>
</tr>
<tr>
<td>Apr 2022 - Dec 2022</td>
<td>Whole-of-Government and Whole-of-Society Approach</td>
</tr>
<tr>
<td></td>
<td>Promoting stakeholder engagement and adopting a collaborative approach to jointly shape and determine the objectives for the KSA Sustainability Roadmap</td>
</tr>
<tr>
<td>2023</td>
<td>Roadmap Implementation</td>
</tr>
<tr>
<td></td>
<td>SDG Policy Notes design, data governance, VNR publication, SDG Platform design &amp; implementation, Launch sustainability award, and Communication plan</td>
</tr>
</tbody>
</table>

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As can be seen from the figure below, multiple institutions share responsibility for localizing and implementing SDGs. A clear governance framework ensures coordination among agencies and assigns specific structures to relevant SDGs. Inter-ministerial cooperation addresses overlapping targets, while ensuring transparency and accountability through a national reporting system that monitors and publishes the country’s progress on sustainable development efforts.
The following are the main institutional structures that facilitate cooperation around the sustainable development agenda.

CEDA: Council of Economic and Development Affairs, headed by the Crown Prince, oversees economic and development policy, including Vision 2030 and SDGs.

SDSC: Is chaired by H.E. Minister of Economy and Planning and comprised of 20 government entities, which include Ministries of (Human Resources and Social Development, Health, Education, Environment Water and Agriculture, Energy, Finance, Justice, Industry and Mineral Resources, Municipal Rural Affairs and Housing, Interior, Commerce, Transport and Logistics Services, Foreign Affairs, Communications and Information Technology, Investment, and Media), the Development Authorities Support Center, Human Rights Commission, and Strategic Management Office (SMO). SDSC is responsible to oversee and monitor the SDG implementation and reports progress to CEDA.

Executive Committee: Oversees implementation of SDSC's decisions, ensures coordination and integration, reports on the country's SDG progress.

Advisory Board: Provides advice and recommendations to SDSC and Executive Committee, includes experts from various stakeholder groups.

Secretariat: The role of the Secretariat is played by the Ministry of Economy and Planning, which is responsible for administrative and technical support for SDSC and monitoring SDG progress.

Working Groups: Three groups (Policy Development, Data and Reporting, Strategic Enablers) support SDG implementation, provide collaboration and coordination platform among stakeholders. They are composed of representatives from key government agencies and stakeholders, including the private sector, academia, civil society organizations, and international organizations.

In addition to the structures listed above, the following government agencies play a particularly important role in the coordination and tracking of the achievement of SDGs in Saudi Arabia.

Ministry of Economy and Planning (MEP): Coordinates SDG implementation and monitoring, oversees development of national strategies and plans, collaborates with other agencies.

General Authority for Statistics (GASTAT): Produces data and information for SDG indicators, ensures availability of reliable data, designs new surveys, and enhances existing ones.

National Center for Performance Measurement (Adaa): Assesses and monitors government entities' performance, improves efficiency and accountability, assists in planning stage, and promotes performance focused culture. Tracks 22 SDSN KPIs through Vision 2030.
The Kingdom’s sustainable development process is guided by Vision 2030, which outlines a comprehensive and integrated strategy for economic and social development. The Vision was forged to transform Saudi Arabia into a thriving and dynamic nation, while at the same time balancing economic growth with social and environmental sustainability.

The Kingdom has activated multiple strategies, plans, projects, and national policies to ensure that the needs of the current and future generation are met by improving living conditions and developing the means of production and methods followed and managing them efficiently and competently without overusing the available natural resources to the extent that the rights of future generations are wasted.

A Thriving Economy provides opportunities for all by building an education system aligned with market needs and creating economic opportunities for the entrepreneur, the small enterprise as well as the large corporation. Therefore, we will develop our investment tools to unlock our promising economic sectors, diversify our economy and create job opportunities. We will also grow our economy and improve the quality of our services, by privatizing some government services, improving the business environment, attracting the finest talent and the best investments globally, and leveraging our unique strategic location in connecting three continents.

A Vibrant Society is vital to achieving the Vision and a strong foundation for economic prosperity. We believe in the importance of a vibrant society. Members of this society live in accordance with the Islamic principle of moderation, are proud of their national identity and their ancient cultural heritage, enjoy a good life in a beautiful environment, are protected by caring families and are supported by an empowering social and health care system.

Our Nation is Ambitious in what we want to achieve. We will apply efficiency and responsibility at all levels. Our third theme is built on an effective, transparent, accountable, enabling and high-performing government. We will also prepare the right environment for our citizens, private sector and nonprofit sector to take their responsibilities and take the initiative in facing challenges and seizing opportunities.

As part of Vision 2030, the Kingdom has recognized the importance of human centered development and has prioritized a balanced and sustainable economy, with particular emphasis on environmental sustainability and preservation of natural resources. Vision 2030 is supported by a number of large-scale programs envisaged to diversify income sources, support businesses, create job opportunities, and enhance government and private sector efficiency. The policy framework put in the place by the government prioritizes social protection health, education, traffic safety, pollution reduction, sports promotion, and cultural development.

Government policy under Vision 2030 also emphasized the expansion of vegetation cover, reducing carbon emissions, combating pollution, mitigating land degradation, and protecting marine life. The ambitious policy agenda set in motion by Vision 2030 rests on collaboration between public, civil society and private sectors. The government has expanded opportunities for civil society and the private sector to become significant partners in the country’s development agenda.
As noted in the previous section of this report, the government of Saudi Arabia has taken an integrated approach to achieve both the Saudi Vision 2030 and the SDGs. The Vision 2030 and SDG targets are interrelated and complementary in nature. They share a common goal of promoting sustainable development. The Vision 2030 targets set the framework for the achievement of the SDG targets by creating a roadmap for sustainable development and growth. The achievement of one set of targets leads to the simultaneous achievement of the other set. The interrelated nature of the Vision 2030 and SDG targets is shown in the figure below.

Interconnectedness of Vision 2030 and Sustainable Development Agenda

The expansive policy framework put in place by the Saudi government under Vision 2030 is illustrated in the figure below.
Al Madinah City Voluntary Local Review 2023

The Al Madinah VLR carefully adapted Lessons Learned from a thorough review of 92 VLRs. Rather than addressing all goals, or formulating the VLR around specific thematic areas, Al Madinah opted for a hybrid approach. The Al Madinah VLR groups those SDG Goals into thematic chapters that included the analysis of interlinked SDG Goals.

The Sustainable Development Steering Committee (SDSC) developed 17 comprehensive policy papers, with each paper focusing on a specific SDG. These policy papers are currently undergoing a thorough review process. They highlight key challenges associated with the achievement of each SDG, providing a detailed analysis of the issues that need to be addressed to achieve the desired outcomes. SDSC has adopted a policy coherence approach in developing these policy papers, acknowledging the interconnected nature of SDGs. By carefully determining the challenges and interdependencies between the SDGs, the government is better positioned to develop effective policies.

In 2023, SDSC decided to adapt new technologies to aid the gathering and display of data related to the sustainable development agenda. This was in direct response to challenges identified earlier, such as those with outdated, missing, or unreported data, or data being misaligned with international sources. The platform consists of two components shown in the figure below.

Gather the data smoothly, then use it to tell Saudi Arabia’s story

- **Data collection component**: An internal tool to streamline data-related processes involving multiple Saudi government stakeholders, automating flow of requests for the gathering and review of SDG-related data. It will also help automate sending the data out to external consumers downstream, i.e., UN agencies. By making sure responsibilities are clearly mapped out and with the approval pipeline in place, the process can now be managed more efficiently, with any underlying issues visible more clearly.

- **Data storytelling component**: Its objective is to visualize the data gathered in a format that’s suitable for wide audiences. By employing advanced data visualization techniques (animations, 3D graphics), the Kingdom looks to communicate its goals and the progress it achieves to Saudi citizens as well as international public, including institutional stakeholders worldwide.

### Localization of SDGs in Saudi Arabia

A key development in Saudi Arabia since the last VNR in 2018 has been the initiation of the localization of SDGs at the local level. This localization process is expected to intensify further and foster capacity building among local entities and personnel working on SDGs, ensuring tailored solutions for the distinct challenges faced by each province and city. As part of these efforts, the Al Madinah Region Development Authority (MDA) presented in early 2023 the “Voluntary Local Review (VLR) of SDGs in Al Madinah”. The VLR reported on how the city is working towards achieving the SDGs and its alignment to global and national programs.
The VLR was developed through a participatory and inclusive process that engaged various stakeholders such as local government, civil society, private sector, and local communities to assess, monitor, and review the progress of the city towards achieving the SDGs. The VLR presents an analysis of each of the 17 SDG areas and highlights issues that require further attention and additional interventions identified by the working groups. The report section on “Means of Implementation” outlines the “Roadmap for Implementation” that the government has formulated to ensure the achievement of SDG targets. The VLR also identified important lessons learned throughout the process that are critical in further progress towards advancing the SDG Goals and in developing future VLRs in Al Madinah and other cities and regions across Saudi Arabia. Key elements are the quality of available data, stakeholder coordination and engagement at national and sub-national level, the institutional framework, monitoring and evaluation mechanisms and processes, and the overall strengthening of SDGs at sub-national levels. The VLR is a valuable tool for localizing the SDGs within the city’s unique context. By engaging stakeholders, adapting global goals to local needs, monitoring progress, and sharing best practices, the VLR helps Al Madinah to advance towards a more sustainable, inclusive, and prosperous future.

Using the example and experience of Al Madinah, the government will promote the formulation of VLRs in other Saudi regions and cities. By developing their own VLRs, these locations will be able to adapt the SDGs to their local needs. The VLR process will help regional stakeholders to assess, monitor, and review the progress towards achieving the SDGs.

The preparation of the VNR involved the three main steps illustrated in the figure below.

**Engage with stakeholders and gather data**
- Highlight the Sustainable Development Steering Committee (SDSC) and detail its mission, agenda and frequency
- Detail the SDG Data Webinars and its positive impacts on data reporting and measurement
- Launch of the VR (reception, event, workshop) public announcement

**Develop the 2023 VNR content and supporting analysis**
- Bring innovative ways to visualize existing content or data, e.g.: Advanced visualization tools for SDG tracking (i.e. SDG Publicly Accessible Data Platform, Digital Solutions, infographics, interactive data)
- Present new content pieces, data analysis, e.g.: - Case studies for selected SDGs - Focus on the 'Leaving No One Behind' principle - Data gathering from non-traditional sources (i.e. social media, surveys) as complement - Human-centered approach (Gender, Youth, Human Rights)

**Communicate the VNR findings**
- New communication roadshow to increase awareness around the ‘23 VR and a multi-channel communication strategy will make the Saudi 2023 VNR stand out and become the example of a high-quality review.

**The first step involved the engagement of stakeholders and gathering of data, bringing together various groups, such as government entities, non-governmental organizations, private sector partners, and United Nations agencies, to collect relevant information and gain valuable insights about SDG-related activities in the country. The government placed particular emphasis on expanding stakeholder involvement to the extent possible, reflecting on past experiences and opportunities for improvement. The consultative process was inclusive and transparent, and took into account the views and perspectives of all relevant groups. The purpose of this involvement was to provide stakeholders with an active and inclusive role in the preparation of the VNR, promoting broad-based and national ownership of the SDGs. Additionally, the process emphasized the importance of the ‘Leaving No One Behind’ principle and adopted a human-centered approach that takes into account gender, youth, and human rights perspectives.**
The VNR team collected SDG-related data, drawing on both government sources and data from civil society, private sector and international stakeholders. Care was taken to validate the quality and accuracy of data. Several rounds of consultations were organized by the VNR team with relevant partners. The VNR team also organized multiple bilateral meetings with stakeholders interested in learning more about the process. To facilitate the data collection process, the VNR team provided all key government agencies with a template on the basis of which 22 government entities submitted SDG-relevant information. In addition, more than 160 "case studies" were submitted by about 50 government and non-government entities for this VNR. These case studies document the actions that these entities have taken to implement the SDGs in their respective areas of work. Selected case studies collected through this process are included in this VNR report; the rest will be placed on the online SDG platform that is under construction.

The VNR report underwent a validation and review process, in which stakeholders provided feedback for improvement. MEP undertook an awareness-raising campaign about the SDGs in the context of the preparation of the VNR report. This entailed the utilization of various media platforms to ensure the widest possible audience and a lasting impact. The campaign helped raise the public's awareness on the causes, consequences, and solutions to sustainable development and to encourage individuals and organizations to adopt sustainable practices. Overall, the engagement and data collection process has fostered ownership, accountability, trust and collaboration among government, civil society, private sector, academia, and the general public. It also aided in identifying gaps and innovative solutions for SDG implementation. The information gathered will inform future policy and program development, aligning them with identified needs and priorities.

As every other complex and multi-stakeholder process, the VNR preparation process did experience some challenges. The lack of formalized roles and responsibilities impaired the efficiency of engagement with the entities responsible for data production. Furthermore, insufficient participation in the SDG data webinars delayed the execution of informational sessions. Additionally, a scarcity of technical expertise and clarity on the SDG methodologies affected the efficiency of data collection and processing. Further, the absence of a single, reliable data backbone necessitated multiple engagements with various sources to derive the necessary SDG dataset, complicating the VNR development timeline. Despite these challenges, the VNR process was transparent and open, and ensured that the report reflected the views and perspectives of all relevant groups. Furthermore, the VNR process contributed to the prioritization of these challenges by the Saudi government and other SDG stakeholders, ensuring that they remain at the forefront of future efforts to improve the SDG institutional framework in the country.

Saudi Arabia has set an ambitious goal to develop four Voluntary National Reviews (VNRs) by the year 2030. The expected years for the third and fourth VNRs are projected to be 2025/2026 and 2030, respectively. All four VNRs will be closely integrated to present a full and coherent picture mapping the country’s overall development progress. These milestones demonstrate the Kingdom's unwavering commitment to sustainable growth and progress.

**Stakeholder Engagement in the VNR Process**

**Stakeholder Consultation**

The government and relevant stakeholders engage in a wide-ranging consultation process to gather information, opinions, and perspectives on progress towards the SDGs. This was through online surveys, public meetings, workshops and focus groups, and other forms of engagement. The consultative process included a wide-reaching public awareness campaign.

**Engagement in Decision-making**

Stakeholders were given the opportunity to participate in the decision-making process around the VNR process. This feedback was taken into account in the preparation of the VNR report.

**Validation and Review**

The VNR report undergoes a validation and review process, in which the government, stakeholders, and other relevant groups provide feedback and make suggestions for improvement. This process should be transparent and open and should ensure that the report reflects the views and perspectives of all relevant groups.

**Stakeholder Identification**

The Ministry of Economy and Planning identified and engaged with relevant stakeholders, including civil society organizations, private sector, academia, and the general public, to ensure a comprehensive understanding of progress towards the Sustainable Development Goals (SDGs).

**Sharing of Information**

The government shared information on its progress towards the SDGs with stakeholders, highlighting achievements, challenges, and opportunities for further progress. This information was presented in a transparent and accessible manner to ensure that stakeholders had a clear understanding of the government's efforts and results.

**Data Sources**

- GASTAT provided crucial data on SDG progress.
- Government agencies contributed information through consultations, meetings, templates, and case studies.
- Civil society, including youth organizations and academia, participated via a survey, written input, and a workshop.
- Private sector involvement included an online survey, workshop, and written input from 42 entities.
- United Nations Country Team (UNCT) participated through an online survey and dedicated workshop.
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Saudi Arabia has made significant progress towards achieving SDG 1. Through a combination of job creation, social protection, economic growth, poverty reduction, and financial inclusion, the government is working to ensure that no one is left behind.
The Kingdom’s efforts to eradicate poverty are twofold - within its borders and beyond them. These efforts stem from a sense of moral and humane responsibility and manifest in the Kingdom’s humanitarian assistance to the world’s developing nations, the ones that are most often stricken with poverty, as well as to international organizations battling poverty, in addition to its internal efforts to develop the social services system to be more efficient, accessible, and fairer.

Saudi Arabia has made significant progress in the eradication of poverty. With collaboration and support from the World Bank, MEP has produced poverty headcount rates measured against the international poverty lines of $2.15 and $3.65 per day per capita (based on 2017 purchasing power parities). National poverty headcount rates are estimated at 0.0 percent (at $2.15 per day per capita) and 0.0 percent (at $3.65 per day per capita) using household-level expenditures per capita as a welfare aggregate in the survey year 2012/13.

The Kingdom’s First on the Happiness Index

The Kingdom ranked 1st in the Arab World in the Happiness Index issued by the United Nations Sustainable Development Solutions Network for 2021 and ranked 21st globally, which also measured the impact of the COVID-19 pandemic on happiness and quality of life globally.

The social protection system in the Kingdom is based on supporting the social security system and encouraging institutions and individuals to contribute to charitable work. SDG data shows that social protection coverage in Saudi Arabia has experienced fluctuations and variations across different sections of the population. While some groups, such as older people and persons with disabilities, have seen a considerable increase in coverage, others like persons unable to work and unemployed people have experienced a decrease. The data also reveals that female coverage is generally higher than male coverage for most of the population sections. Furthermore, the data demonstrates that Saudi Arabia has made significant progress in providing its households with access to basic services, such as education, safe water, electricity, communication, sewage, and household waste collection services.

In Saudi Arabia, social security is guaranteed under Article 27 of the Basic Law, guaranteeing the rights of citizens and kin in cases of emergency, illness, disability, and old age.
The SDG data shows that Saudi Arabia has made progress in reducing the number of deaths and injuries due to disasters from 2015 to 2019.

Also, the proportion of total government spending on essential services (education, health, and social protection) shows a general increase over the years. This demonstrates Saudi Arabia's commitment to investing in essential services, which is crucial for addressing poverty, improving health, and ensuring quality education.

## 2. Institutional Framework and Key Ongoing Initiatives

Saudi Arabia's policy framework for poverty reduction consists of a set of laws, regulations, and programs that target the root causes of poverty and increase access to resources and opportunities for all. Saudi Arabia's social protection system rests on three pillars, each of which is underpinned by several programs and initiatives.

### Social Insurance Program
- Social insurance Pension Services: provides monthly payments to Saudi residents that meet the social insurance system conditions.
- Unemployment Insurance (Sawad): provides monthly payments to Saudi workers and their families during the period of unemployment for reasons out of their control.

### Social Safety Net Program
- The government has announced plans to expand Wusool Program, a subsidy program that provides financial support to low-income households.
- More than three million people have benefited from the National Donation Platforms since its establishment in April 2020.
- In 2018, Saudi Arabia’s King Salman ordered that the total of around SAR 353.3 million (SAR 29 billion) be paid to those in need of around $533.3 million (SAR 2,000 monthly) in order to support and enable job search.

### Support Programs for the Labor Market
- Employment Support Programs: as well as financial assistance up to SAR 2,000 monthly in order to support and enable job search.
- Since April 2020, the number of nonprofit sector organizations in Saudi Arabia has increased by 1.14 percent, reaching more than 3,400 institutions.

### Next Steps
- The government has announced plans to expand Wusool Program, a subsidy program that provides financial support to low-income households.
- The Social Safety Net Program will continue to support Saudi citizens with income support, housing support and food, fuel and water subsidies, extending protection to the disabled.
- The support programs to the labor market will continue to assist Saudi citizens search for employment, as well as offering benefits of the Employment Support programs.

### Impact
- In 2018, Saudi Arabia’s King Salman ordered that the total of around SAR 353.3 million (SAR 29 billion) be paid to those in need of around $533.3 million (SAR 2,000 monthly) in order to support and enable job search.
- The Social Safety Net Program provides support for food, fuel and water.
- Government subsidies: provides support for food, fuel, and water.
- Housing Support Programs: grants lands, housing units, finances, insurance, and homes for orphans, juveniles, the elderly and others.
- Disability support programs: provides support such as financial aid for the disabled, waiving fees for visas, customs, lqamas, exit and re-entry visas, and recruiting domestic help and nurses, vehicle aid.

### Summary
- The role of the Saudi Social Protection System is to lay foundations to social security encourage institutions and individuals to contribute to charitable work. This system contains three components aimed at unassisted families, orphans, those unable to work, people affected by disaster and pandemics, among other groups.
Saudi Arabia has launched a social protection reform agenda encompassing revised beneficiary criteria, adjusted benefit amounts, and efforts to reduce subsidies on water, electricity, and food, as well as implementing pension reforms and a Value Added Tax. At the same time, the government has improved the targeting of social safety nets for most vulnerable populations. In addition, the government has launched several initiatives aimed at accelerating job creation and improving access to social services. In particular, the government has launched a number of employment programs to create job opportunities for youth and women. The following are some key examples of these initiatives.

**3. Key Areas for Attention and Next Steps**

Going forward, the government will further its efforts on social inclusion. The focus will be on enhancing the accessibility of social services by targeting untapped regions and communities, as well as fostering financial inclusion through increased access to financial services and promoting digital solutions for low-income and rural populations.

The following actions will promote inclusive development:

- **Financial Inclusion**: Encourage financial inclusion by increasing access to financial services and promoting digital financial services, especially for low-income and rural populations.

- **Human Capital Development**: Invest in human capital development, such as education and skills training to improve labor market outcomes and increase economic growth.

- **Agricultural and Rural Development**: Promote rural development, including small-scale farming, and create job opportunities in rural areas.

**ADDITIONAL INITIATIVES AND PROGRAMS IN THE SOCIAL SPHERE**

**ZAKAT Program**

Offers assistance to vulnerable individuals, including the poor, widows, orphans, and others in need. Collected funds are utilized for social welfare initiatives, delivering food, housing, and medical care to the underprivileged. Additionally, the government allocates Zakat funds for charitable endeavors like supporting education and offering job training for the unemployed.

**Waqfy Platform**

Facilitates contributions from community groups and donors towards sustainable development needs, thereby bolstering the financial sustainability of the non-profit sector.

**Licensing of Social Workers**

The Ministry of Human Resources and Social Development (MHRSD) has launched a major reform on the licensing of social workers aimed at professionalizing the field of social work.

**Social Development Bank (SDB)**

Provides financial products and services such as microfinance loans, housing loans, and business financing to low-income families, SMEs, and non-profits. SDB also facilitates the implementation of social and economic development initiatives.

**National Program for Community Development “Tanmia”**

Provides funding and support for initiatives proposed and implemented by local communities with the goal of promoting community engagement and self-sufficiency. Tanmia addresses community challenges such as unemployment and limited access to basic services.
Saudi Arabia is one of the largest contributors to programs for eradicating hunger. The government is continuously enhancing food security by improving productivity and optimizing the efficiency of resource utilization. The government has implemented a food security strategy aimed at ensuring stable food supplies, improving agricultural productivity, and reducing food waste. The government has also promoted investment and technological advancements in the agriculture sector, with a focus on increasing efficiency, sustainability, and competitiveness.
1. General Situation

SDG data shows that the prevalence of stunting among children under 5 years of age in Saudi Arabia has been on a decreasing trend in recent years. Stunting rates for both genders have generally followed the same trend, with an increase from 2015 to 2017 and a decrease thereafter. However, the rate of decrease has been more pronounced for female children, particularly between 2017 and 2018. Also, the SDG data shows that the prevalence of malnutrition (wasting) among children under 5 years of age in Saudi Arabia has been on a decreasing trend since 2017, particularly among male children. It decreased from 7% in 2017 to 4.1% in 2018 and 2019 and fell further to 3.8% in 2020.

As can be seen from the figure below, the growth in plant genetic resources suggests that Saudi Arabia is making progress in securing and preserving these resources which are vital for sustainable agriculture, food security, and biodiversity. The SDG data also suggests an increase in the proportion of local breeds at risk of extinction. The increase in the percentage of local breeds at risk of extinction suggests that more efforts are needed to preserve and secure these resources, which are essential for sustainable agriculture, food security, and biodiversity conservation.
Due to Saudi Arabia being dependent on imports for its food supply, rising global food prices, coupled with population growth and urbanization, have put pressure on the country’s food security. In response to these challenges, the government has prioritized food security. The Kingdom’s efforts center around achieving food security both internally and beyond its borders. These include efforts to increase agricultural production, particularly in fruits, vegetables, and dairy products, improve the productivity of existing agricultural land, develop new farmland reduce waste, and promote more efficient and sustainable food systems. Certain growing methods, such as aquaculture, water-efficient agriculture technologies (hydroponics), or alternative proteins, are growing, benefiting from consumer trends.

The government is diversifying food sources and reducing dependency on imports. Saudi Arabia is the second largest global packaged food market within MENA (~SAR 74 bn), growing at 5% per annum, driven by a young and increasingly active population, more economical private labels, and healthier product offerings. The government has implemented food safety regulations to ensure the quality of imported and domestically produced food. Another key aspect of Saudi Arabia’s food security strategy is the promotion of food conservation and waste reduction. The government has promoted the reduction of food waste through the efficient storage and distribution of food. This includes initiatives to increase the efficiency of food supply chains and promote better food labeling and consumer education. Also, with the conflict in Ukraine affecting the supply of cereals (in particular, wheat) and the increase of global commodity prices, the Saudi government has developed a food security action plan to ensure adequate food supply in the country.

2. Institutional Framework and Key Ongoing Initiatives

### Government Measures to Stimulate Agriculture Development

- Promoting agro-industry and export-oriented agriculture to diversify the economy
- Introducing new technologies, such as precision agriculture and hydroponics, to conserve water and optimize resource use
- Encouraging the participation of the private sector (local and international companies) in the agriculture sector, especially in large-scale farming and support services such as logistics and marketing
- Modernizing and expanding the agricultural sector through desalination, irrigation, greenhouses, and modern farming methods
- Training farmers and their stakeholders to build capacity, transfer knowledge and technology, and enhance competitiveness
- Investing in research and development to improve the efficiency and sustainability of food production

3. Food Loss and Waste Programs

#### Food Loss and Waste Program

**OBJECTIVES**

- Reduce
- Reuse
- Recycle

**INITIATIVES**

1. **Regulate**
   - Impose use of packaging techniques and adoption of cooled storage facilities along the supply chain
   - Ban disposal of food that is safe for consumption by major retailers

2. **Inform & Train**
   - Provide trainings for farmers on pre-cooling and harvesting techniques for fruits and vegetables
   - Educate consumers/restaurants on adequate storage practices & ways to reduce level of expired products

3. **Equip**
   - Develop and advertise tools and software to monitor the amount of food lost and identify its drivers
   - Partner with private sector to develop food recycling infrastructure at local retailers and restaurants

4. **Connect**
   - Establish recycling facilities to convert food loss to animal feed and create a digital platform to link players
   - Develop platform linking all audience with NGOs distributing food waste to low-income population

5. **Incentivize**
   - Incentivize players to purchase tools that reduce food losses (e.g., harvesting tools)
   - Incentivize households to sort food waste and retailers to promote ugly fruit sales (i.e., "fruits with character")
   - Partner with private sector to develop food recycling infrastructure at local retailers and restaurants
   - Develop platform linking all audience with NGOs distributing food waste to low-income population

**AUDIENCE**

- Food Loss
  - Producers
  - Processors
- Food Waste
  - Retailers
  - Canteens
  - Restaurants
  - Households

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1. Link here.
Saudi Arabia has established a range of institutions in support of the development of the agriculture sector and food security. The following are some key examples.

### KEY INSTITUTIONS IN SUPPORT OF AGRICULTURE DEVELOPMENT AND FOOD SECURITY

**Agricultural Development Fund**
finances agricultural projects, including modern farming techniques and the construction of new irrigation systems.

**General Food Security Authority (GFSA)**
oversees the implementation of the Food Security Strategy, which includes 11 programs such as Sustainable Agriculture, Food Loss and Waste Reduction, and Strategic Reserves. Furthermore, GFSA has been instrumental in coordinating effective responses to global food crises and initiating programs like the “National Program to Reduce Food Loss and Waste”.

**Saudi Agricultural and Livestock Investment Company (SALIC)**
invests in local and international agricultural and trade partnerships for grains, rice, and meat, as well as agricultural technologies that promote water conservation, production efficiency, and environmental protection.

**Center for Desert Agriculture at the King Abdullah University of Science and Technology (KAUST)**
is dedicated to the study, engineering, and implementation of sustainable agriculture in extreme environments and focuses on research topics such as crop improvement, water management, and sustainable agriculture practices.

**National Research and Development Center for Sustainable Agriculture (ESTIDAMAH)**
performs applied research to adopt and test innovative technologies that contribute to sustainable agriculture, with a primary focus on increasing crop production per unit area, boosting water-use efficiency, and applying modern cultivation technologies.

**Saudi Irrigation Organization (SIO)**
is responsible for managing and developing the country’s irrigation systems. SIO was established with the goal of improving water management, ensuring efficient use of water resources, and promoting sustainable agriculture.

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The following are some key ongoing initiatives in the area of agriculture and food security.

### KEY ONGOING INITIATIVES

**Agroforestry Development**

**Food Security**

### Sustainable Agricultural Rural Development Programme (REEF)
provides small agricultural producers, cooperative societies, and rural establishments with resources, services, and access to markets. Additionally, it provides communities with easy access to safe and healthy food, facilitates women’s participation in the labor market, and preserves the environment and natural resources.

**Management of Pesticides**: The Ministry of Environment, Water, and Agriculture has implemented a legal requirement for obtaining a permit to export agricultural pesticides, ensuring proper management and control of its trade.

**Dietary Policies**: The Ministry of Health has issued food-based dietary guidelines for citizens, including “The Dietary Guideline” and “Healthy Food Proportions”, available on its website. Restaurants, food suppliers, and manufacturers are now required to display nutritional information on products, helping consumers understand their components and nutritional value. The Ministry of Health and the Ministry of Education have partnered in the Rashaqa program to reduce obesity among school-aged children. The “Quality of Life Program” (under Vision 2030) has targeted obesity by promoting increased participation in sports and athletic activities.

**Food Loss & Waste Index**: GFSA is working to reduce food loss and waste in the Kingdom by evaluating and analyzing the Kingdom's Food Loss & Waste Index, which measures food loss and waste throughout the value chain.

### 3. Key Areas for Attention and Next Steps

The main challenges in this area that will receive continued attention include limited arable land and water resources, dependence on food imports leading to vulnerability to fluctuations in global food prices and supply disruptions, a rapidly growing population, and the impact of the COVID-19 pandemic on supply chain disruptions and increased food prices.

Prioritized actions for this area include updating the current food security strategy, enhancing sector governance and institutional setup, revising legislations, and improving Saudi Arabia’s ranking on food security indices.
Sustainable Rural Agricultural Development Programme

SUMMARY
The aim of the SRAD is to contribute to the achievement of balanced social and economic development while improving the efficiency and sustainable exploitation of the renewable agricultural and aquatic natural resources.

Specific interventions include:
- Boost sustainable transformation by moving away from upstream-price-differential-linked subsidies for farmers
- Development of rural communities at large (including rural women and youth)
- Technical and financial assistance
- Value addition for products by small scale producers
- Trainings and Workshops attended by 1,500 participants
- Digital Fisheries Statistic System adopted by MEWA fisheries branches
- E-Agricultural Market information System in the early stage of development

IMPACT
- 50% increase in small farmers’ output
- 1000 hectare terraces rehabilitated and rainwater harvesting techniques applied
- Water use efficiency improved by 50% in crop production and rainwater harvest sites
- Incubation for 50 small scale enterprises
- Advanced farming technologies by 100 farmers
- Initiative for Rural Women Empowerment “WARFA” launched on the occasion of International Rural Women’s Day

NEXT STEPS
The program, along with its 609 activities and 38 outputs will continue as planned and be scaled up according to the methodology aligned with FAO. It is expected to expand to a wider range of products, to cover more farmers, including rural youth and women.
Saudi Arabia has undertaken crucial measures to streamline access and enhance the quality and efficiency of healthcare services. The government has made substantial investments, particularly in promoting preventive measures for health risks. Additionally, various initiatives have been implemented to improve traffic safety and educate the public about healthy lifestyles.
1. General Situation

The Saudi government has made health a priority, reflected in increased budgetary allocations and improved health indicators. The focus has been on non-communicable diseases and a comprehensive response to the COVID-19 pandemic. A top priority, the sector has consistently been one of the largest recipients of government expenditures accounting for 17.7% in 2021, and as a result of the COVID-19 pandemic, is expected to reach 14.5% in 2022.¹

Although SDG data is available only until 2018 or 2019 for some key health indicators, the emerging picture is quite positive for Saudi Arabia. The Kingdom’s wasting prevalence of 4.4% in 2020 is lower than the global average and the regional (Middle East and North Africa) average, which indicates a relatively better performance in addressing malnutrition in comparison to other countries. Also, Saudi Arabia’s stunting prevalence of 12.4% in 2022 is lower than the global and regional (Middle East and North Africa) averages from 2021.

The proportion of births attended by skilled health personnel has been stable and has remained above 98%. The consistently high proportion of births attended by skilled health personnel indicates that the country has good access to quality healthcare during childbirth, which is essential for the health and safety of both mothers and newborns. The maternal mortality ratio has been low (about 12 per 100,000) compared to global averages, indicating a relatively low risk for maternal deaths in the country. The under-5 mortality rate has remained below 9 deaths per 1,000 live births, which is low compared to global averages. Infant and child mortality rates have declined, due in part to the effectiveness of the immunization program and reduced transmission of communicable diseases.

The SDG data indicates that Saudi Arabia has made significant progress in reducing the tuberculosis incidence rate from 11 per 100,000 in 2015 to under 8 in 2021.⁴ Throughout the years, the tuberculosis infection rate has consistently been higher among males compared to females. The data also shows that Saudi Arabia has made significant progress in reducing the malaria incidence rate from 2015 to 2021, with both males and females experiencing a decline in incidence rates. Furthermore, Saudi Arabia has made progress in reducing the hepatitis B incidence rate from 2015 to 2021. Both genders experienced a significant decline in hepatitis B incidence by 2021, with males at 0.88 and females at 0.68 per 100,000. The data shows a slight increase in suicide mortality in 2020, with a decrease in 2021 (possibly the effect of COVID-19). Male suicide rates have been consistently higher than female rates throughout the period.

¹ Link here
2. Institutional Framework and Key Ongoing Initiatives

Saudi Arabia's health policy framework is underpinned by the Healthcare Law and the National Health Strategy. The Healthcare Law provides for comprehensive and accessible healthcare services to the whole population. The National Health Strategy outlines the vision, goals, and objectives for the development of the health sector. Key priorities include the development of a national health information system, improvement of primary healthcare services, expansion of public-private partnerships, and promotion of healthy lifestyles. The Health in All Policies (HiAP) initiative was launched in 2017 to prioritize the population’s health in all policies and regulations. Furthermore, the Health Sector Transformation Program was launched under the Vision 2030 in 2021 and is aimed at restructuring the health sector into a comprehensive, effective and integrated health system based on the health of the individual and society. This key institutional framework underpins an array of programs and policies that have been established by the Saudi government and which are outlined in the figure below.

Ecosystem of Policies and Programs in the Healthcare Sector

<table>
<thead>
<tr>
<th>National Healthcare Development Strategy</th>
<th>Healthy Living Program</th>
<th>Maternal and Child Health Program</th>
<th>Non-Communicable Diseases (Ncd) Prevention Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>National Center for Mental Health Promotion</td>
<td>National Tuberculosis Program</td>
<td>National Tobacco Control Program</td>
<td>National Strategy for Diet and Physical Activity</td>
</tr>
<tr>
<td>National Physical Activity Program</td>
<td>Emergency Medical Services Program</td>
<td>School-Based Health Awareness Program</td>
<td>Health Insurance Program</td>
</tr>
<tr>
<td>Telemedicine Program</td>
<td>National E-Health Strategy</td>
<td>Obesity Control &amp; Prevention Strategy 2030</td>
<td>Care for the Elderly</td>
</tr>
<tr>
<td>National Plan Cancer Control</td>
<td>Reproductive Health Program</td>
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</tbody>
</table>

This outstanding policy and programmatic ecosystem has been instrumental for the improvement of healthcare indicators in the Kingdom. The following are some additional initiatives that have been launched by the Saudi government in the healthcare sector.

Mother and Child Health: Mother and Child Health have seen significant improvements in recent years. Infant and child mortality rates have declined, also due to the success of the immunization program and reduced transmission of communicable diseases among children. Maternal health has improved with a decrease in the maternal mortality ratio. Almost all deliveries are now attended by trained personnel. An increasing number of women of reproductive age had their family planning needs met with modern methods. The Ministry of Health has introduced the Breast Cancer Early Detection program to reduce breast cancer mortality and increase early detection. Additionally, the Early Childhood Development policy covers a comprehensive range of aspects, including health, nutrition, breastfeeding, vaccination, early detection of developmental delays, and services to strengthen young children’s development. The policy also focuses on parenting, responsive care, and support for caretakers to provide the best possible care in a safe, secure, and stimulating environment for development.
SAUDI ARABIA’S GOVERNMENT HAS PURSUED SEVERAL KEY PUBLIC HEALTH INITIATIVES AIMED AT IMPROVING ACCESS TO SOCIAL SERVICES.

Communicable Diseases: Saudi Arabia is working to combat communicable diseases, with specific goals to end tuberculosis by 2035 and eliminate Hepatitis C as a public health threat by 2030.

- The Ministry of Health (MOH) has allocated substantial resources to the National Tuberculosis Control Program, which reported 1,970 cases of pulmonary tuberculosis in 2021. To address latent tuberculosis, the program launched a project to detect and treat high-risk groups, resulting in over 54,000 individuals screened and nearly 2,800 positive cases treated.

- In line with the World Health Organization’s global targets, Saudi Arabia is also striving to eliminate Hepatitis C by 2030. The MOH reported 1,960 cases of Hepatitis C virus (HCV) in 2021. The country has implemented a project for HCV elimination that focuses on enhanced detection through integrated screening for the whole population and high-risk groups. As a result, over 13 million individuals were screened, with more than 6,500 cases identified and treated. The new class of medications has revolutionized HCV management, offering a cure rate of over 90% and preventing complications and transmission. See in-depth case in the next page for more information.

Non-Communicable Diseases: As Saudi Arabia’s population ages, the prevalence of non-communicable diseases (NCDs) such as cancers, cardiovascular diseases, diabetes, and chronic respiratory diseases is expected to rise, increasing the demand for costlier healthcare services. NCDs currently account for 73.2% of deaths in the country, with cardiovascular disease being the leading cause. The Saudi government is committed to addressing the rising issue of unhealthy lifestyles and has initiated several prevention activities targeting tobacco use, unhealthy diets, and physical inactivity.

- In 2018, the Saudi Food and Drug Authority (SFDA) developed a healthy food strategy to enhance healthy lifestyles and reduce the intake of salt, sugar, saturated and trans fatty acids. This strategy, along with other nutrition policies, aims to empower consumers’ choices and create a healthier food environment to combat NCDs.

- The Quality of Life Program’s Lively Community initiative encourages citizens to participate in physical activities, supports sports groups and federations, and promotes women’s participation in community sports.

- The National Tobacco Control Committee (NCTC), established in 2007, supervises the implementation of the Framework Convention for Tobacco Control MPOWER policies. Saudi Arabia has achieved a high level of implementation, with best practices in offering help to quit smoking, warning about tobacco dangers, and enforcing bans on tobacco advertising, promotion, and sponsorship. The country was the first in the Eastern Mediterranean Region to implement plain packaging for tobacco products in 2019 and has established a WHO collaboration center for plain packaging. Additionally, the number of tobacco cessation clinics has increased, and virtual cessation services have been established to facilitate access to therapeutic services and integrate these clinics with other healthcare providers.

Launched initiatives aimed at improving the quality of life for the elderly, including increasing access to health care services and improving access to social services. Improved the accessibility of healthcare services for people with disabilities including the creation of specialized healthcare facilities and the development of assistive technologies to improve the delivery of health services to this population. Promoted telemedicine and digital health solutions to improve access to health care services, particularly in rural and remote areas.

LAUNCHING INITIATIVES TO IMPROVE ACCESS TO HEALTHCARE SERVICES

SDG 3 GOOD HEALTH AND WELL-BEING: Screening to Identify and Treat Hepatitis C Across the Kingdom

SUMMARY

In 2018, the Kingdom launched a project focusing on enhancing detection of the HCV virus through integrated screening of the entire population, with priority to vulnerable groups. The project included training an adequate number of staff and improving facilities to fight the virus.

IN-DEPTH CASE

Hepatitis C Across the Kingdom

IMPACT

Since the screenings began in 2018, over 9M people had been screened and 90,000 diagnosed with Hepatitis C, then received treatment.

The impact of this project has been enormous, having potential to avert tens of thousands of deaths through early screening and the projected elimination of the disease.

Transmission of Hepatitis C from migrant workers or during the visits of large number of pilgrims to holy sites in Mecca and Medina shape additional challenge in control and prevention.

NEXT STEPS

The goal is to reach the SDG target and eliminate the virus in full by 2030, having all of the country’s population, starting with high-risk individuals.

The campaign will continue to expand access to screening and treatment services across the country, as well as raise awareness about the importance of screening and treatment among the general population.

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**Road Traffic Safety:** Road traffic accidents (RTAs) have been a significant challenge, resulting in high mortality and injury rates. The Kingdom aims to reduce road traffic fatalities to less than 8 per 100,000 by 2030, as well as to minimize related injuries and losses. In 2017, the Saudi government established the Ministerial Committee of Traffic Safety (MCTS) to oversee the implementation of the national Road Safety Strategy and collaborate with relevant stakeholders. The National Center for Road Safety was founded in 2018 to further improve road safety. Key initiatives include the establishment of the National Road Safety Center, the Saher Automated System by the Ministry of Interior, a Road Safety Training Program, and the development of the National Transport & Logistics Strategy to position Saudi Arabia among the most advanced countries in terms of road quality and safety. As a result of these measures, based on SDG data (above), the number of fatalities has dropped significantly in the last five years.

**Research and Infrastructure Development:** Saudi Arabia is investing in research and infrastructure development to improve its healthcare sector. The Health Research Center was established to elevate health research, while National Research Centers focus on infectious and non-communicable diseases and epidemics. Under Vision 2030, the government plans to invest over $65 billion in healthcare infrastructure and aims to increase private sector contributions, targeting the privatization of numerous hospitals and primary health centers. The National Unified Procurement Company (NUPCO) is responsible for procuring and delivering pharmaceutical supplies and medical devices, striving to enhance government spending efficiency by investing in logistics, digital infrastructure, and localizing pharmaceutical industries. NUPCO played a crucial role during the COVID-19 pandemic and has launched various health services projects, including a state-of-the-art medicine storage and distribution center in partnership with King Abdullah Economic City. The King Abdulaziz City for Science and Technology (KACST) is implementing the Saudi Genome Program, which aims to reduce genetic disease incidence using advanced genomic technologies, leading to improved healthcare provision, personalized medicine, cost reduction, and enhanced quality of life while positioning the Kingdom as a global leader in genomics research and AI-driven personalized medicine.

**Success Stories**

**KACST success stories**

**The Saudi Genome Program**

**TITLE**
A 1 and 1/2 year old girl was diagnosed with a brain tumor (glioblastoma) that was removed successfully through surgery; however it then grew again after 3 months. The family denied standard therapy (memor and radiation)

**PROBLEM**
A sample of the removed tumor was sent to the lab for genomic profiling in the Saudi Genome program labs. The results showed a genetic alteration that causes continuous activation of a specific protein, which caused the tumor to grow again. Luckily, a drug was available that inhibited the genetic mutation found in the sample.

**SOLUTION**
Compassionate access to the drug was granted and the patient received the treatment (given orally). It was very well tolerated with excellent results.

**DESCRIPTION**
This is a successful application of personalized medicine and a true example of the power of genomic testing, where the drug is selected based on the patient's genomic profile. Conventional treatment would have been another surgery, chemotherapy and radiation, which have many side effects and may not have been very successful in this particular instance.

**IMPACT**

**Facilitated access to healthcare through technology and innovation**

Sehha App: Enhancing public health by providing remote medical and preventive care to users. Sehha was launched in March 2017 and provided around 2.1 million consultations to 1.6 million users by 2020.

**Mawid App:** Launched in April 2018 to help users book, reschedule; modify cancel appointments at primary health care centers, around 14.3 million beneficiaries booked more than 67 million appointments by the end of 2020.

Wasfaty Service: Links hospitals and primary healthcare centers with community pharmacies, avoiding medical errors resulting from written prescriptions and making medicines available at any time. The service reduces dispensing frequency and offers automatic identification of any medicines which may trigger a patient's allergies. Around 8.4 million prescriptions were provided through the service by August 2020.

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**The Tabaud App (COVID-19 social distancing):** Launched in 2020, the app was created to protect citizens and residents from the spread of COVID-19. Tabaud complements the Taawakkul app. It uses Bluetooth to inform users that they have been in contact with continued cases of COVID-19 whilst maintaining users’ privacy. Key achievements over the period from launch in June 2020 until the end of 2020:

- 3-country worldwide to launch an app that informs users of contact
- 30m+ notifications of positive diagnosis
- 3m+ million users

The government has made significant investments in technology and digital health infrastructure. E-health and electronic transformation involves all aspects of health planning, administration and provision. All health information systems have become fully electronic. The SEHA virtual hospital is the largest in the region and among the largest in the world with over 35 specialties. Real time monitoring of indicators of all aspects of the health sector allows timely decision making and response to emergencies. And with the beginning of 2023, implementation of electronic medical records will be introduced.

**Sehhaty App:** launched in August 2019, the app was used extensively during the response to the COVID-19 pandemic, providing appointments for coronavirus testing, vaccinations and health information. It had over 1.2 million users by 2020.

3. **Key Areas for Attention and Next Steps**

Key areas for attention include addressing the increasing burden of chronic diseases like diabetes and heart disease, controlling and preventing the spread of tuberculosis and Hepatitis C transmission from migrant workers and pilgrims, and mitigating the impact of rapid urban growth and public transportation on traffic deaths and injuries. Additionally, adapting to digital health services requires cultural and behavioral transformations among health providers and beneficiaries, as well as improved data management and infrastructure. Lastly, combating child obesity, which has long-term physical and mental health consequences, is crucial for curbing the rise of non-communicable diseases.

The following are key actions for this SDG area:

- The Ministry of Health aims to screen 100% of high-risk individuals living in the country at least once in their lifetime for latent tuberculosis and Hepatitis C.
- The SEHA virtual hospital plans to expand its capacity by 20% to provide more specialty services and support facilities in peripheral areas.
- Continued emphasis will be placed on early childhood development, including early detection and intervention for children with disabilities.
- The Ministry of Transport and Logistics services is leading the development and enforcement of the Saudi Road Code, which is expected to be launched by 2024. The road code aims to achieve the highest levels of safety, security, quality, economic efficiency, environment, and sustainability through several dimensions, including planning, design, implementation, and road maintenance.
- Saudi Arabia will continue to provide assistance in the area of healthcare to low- and middle-income countries and contribute to sustainable development globally.
Saudi Arabia has made progress in expanding access to education and improving the quality of education, particularly for girls. The government has launched several initiatives aimed at improving the quality of education and increasing literacy rates by modernizing the education system, establishing new universities and developing new curricula.
The modernization of Saudi Arabia’s education system and the upscaling of the Saudi population are major aspects of Vision 2030, being considered vital for the country’s economic transformation. To ensure that Saudi youth are “equipped for the jobs of the future” in a knowledge-based economy, the government is pursuing far-reaching education reforms, including the rollout of modernized school curricula that emphasize critical thinking, the re-training of teachers, and the construction of new schools, as well as the decentralization of Saudi Arabia’s school system. Additionally, Saudi Arabia has made significant investments in education and has achieved notable progress in improving its education sector in recent years. In 2021, Saudi Arabia invested roughly 8.3% of its GDP in education, which is well above UNESCO’s recommendation of 4-6%.

Trends in International Mathematics and Science Study (TIMSS) tests
The Kingdom ranked 2nd among the G20 countries for progress in TIMSS test scores for 2015 - 2019. It was the 2nd most improved country in science and mathematics for Grade 4, and was the most improved country in science and mathematics for Grade 8.

SDG data shows that Saudi Arabia has consistently provided a 100% availability of essential services in primary, preparatory, and secondary schools from 2015 to 2021. This reflects the country’s commitment to providing a safe, inclusive, and conducive learning environment for all students, ensuring that they have access to the necessary resources and facilities to achieve quality education.

SDG data shows that completion rates for primary and preparatory education in Saudi Arabia in 2017 were high, with slight gender gaps in favor of female students in primary education and male students in preparatory education. In the age group 15+, the participation rate in formal and informal education was 62.3% for males and 63.4% for females, resulting in a total of 62.9%. This indicates that a majority of individuals aged 15 and older participated in some form of education, either formal or informal. The data also reveals a slight gender gap in favor of women. In the age group 15-24, the participation rate in formal and informal education was lower, with 17.4% for males and 18.5% for females, resulting in a total of 17.8%. The data also shows a small gender gap in favor of women.

SDG data for 2021 reveals that Saudi Arabian youth and adults are generally proficient in basic tasks such as using copy and paste tools, sending emails with attachments, and managing software, while less proficient in tasks like creating multimedia presentations and programming. Also, 2021 data shows that there are generally minor gender disparities in education stages and ICT skills in Saudi Arabia. The gender parity index is relatively close to 1 in most aspects of education, suggesting a balanced gender representation. The data also suggests that global citizenship education and education for sustainable development, including gender equality and human rights, are fully integrated into the student assessment processes. This suggests that Saudi Arabia is effectively assessing students on these topics, ensuring that they have a solid understanding and grasp of global citizenship and sustainable development concepts.

Overall, SDG indicators demonstrate that Saudi Arabia has made substantial progress in improving its education sector and providing high-quality education opportunities for its citizens. The government is committed to expanding access to education and improving the quality of education for all students.
2. Institutional Framework and Key Ongoing Initiatives

Saudi Arabia’s education policy framework is guided by the National Education and Training Strategy, which outlines the vision, goals, and objectives for the development of the education sector. The strategy focuses on providing a comprehensive, quality education for all, with a particular emphasis on preparing students for the future. Key priorities include improving access to education, promoting scientific research, and preparing students for the changing job market. The government has launched the Human Capacity Development Program, which represents a national strategy aimed at enhancing the competitiveness of national human capabilities locally and globally. The government has also established the Human Resources Development Fund (HRDF) to enhance the skills and capabilities of the workforce by providing financial support and incentives to organizations to invest in the development of their employees through various training and development programs. HRDF’s objective is to help in the creation of a highly skilled and knowledgeable workforce that can contribute to the growth and competitiveness of the Saudi Arabian economy. The Prince Sultan University has established King Salman Center for Education for Employment (KSCEE) to provide young people with the necessary skills and knowledge to enter the workforce and improve employment opportunities in the country. The center offers a range of programs and services, including vocational training, language classes, and job placement assistance.

The following are some key ongoing initiatives in the education sector.

KEY ONGOING INITIATIVES

Transformation of the Educational System

The educational system in Saudi Arabia is undergoing a transformation, focusing on university independence, professionalizing teaching, developing high school tracks, and specialized academies. New curricula aim to strengthen national character and learning outcomes. Initiatives include school classification, integration of Education for Sustainable Development (ESD) and Global Citizenship Education (GCED), and the establishment of a National Qualifications Framework (NQF-KSA) to standardize qualifications. Additionally, research partnerships and international institutions are being attracted to enhance the education sector.

Talent Development and Identification (Mawhiba Program)

This program identifies and nurtures gifted students through targeted initiatives, scholarships, and financial support. It embraces technology with the establishment of the Virtual School (Madrasati) and the National Center for E-Learning, promoting efficient education, equal access, and the integration of e-learning in the educational process.

Early Childhood Development Initiatives

The government has prioritized Early Childhood Development and Education, increasing investments and launching multiple initiatives. The Virtual Kindergarten Platform (Rawdati), established in 2019, offers remote learning opportunities for young children using digital technologies and interactive materials. Early Developmental Learning Standards for ages 3-6 guide institutions in understanding children’s knowledge, behaviors, and skills expectations. The Mother and Child Education Program supports mothers in nurturing their children’s mental, physical, emotional, and social skills. The Personal Safety Program, developed in collaboration with AGFUND and UNICEF, promotes safety values and skills among children, teachers, and parents in a healthy educational environment. The Improving the Learning Environment in Kindergartens program, partnered with King Abdulaziz University, assesses the quality of educational environments in public and private kindergartens. The Ministry of Education has established educational standards for kindergarten schools and created a National Framework for Early Childhood Curriculum, further developing early childhood schools to improve education quality and provide diverse, high-quality educational opportunities for all children.

Children with Special Needs

The Ministry of Education has implemented various measures to ensure comprehensive access to education for children with special needs. These steps include opening early intervention centers in kindergartens for early support and inclusion, launching Taiba Educational City for Special Education in partnership with the private sector, and inaugurating Sinnad City for Special Education in Mecca. Furthermore, a tailored curriculum has been developed for students with disabilities, introducing new subjects such as digital skills, social studies, and physical education. Sign language has been incorporated into the family education curriculum and life skills for all educational levels, promoting the integration of students with disabilities in regular schools. Additionally, support service centers have been established in different cities, providing access to necessary resources and assistance for students with disabilities.

Science and Technology Education

The government has placed a greater emphasis on science and technology education by launching a National Study Plan that increases learning hours for science, mathematics, and digital skills. This effort is further supported by the establishment of over 100 STEM centers across all regions of the Kingdom. Additionally, compulsory technical training has been introduced in selected educational programs at the secondary level and beyond, reinforcing the commitment to fostering a technology-driven educational landscape.

Technical And Vocational Education

The Technical and Vocational Training Corporation (TVTC) is dedicated to rehabilitating and preparing the workforce in technical and vocational fields by developing programs and human resources that align with the country’s needs. As part of its efforts, the TVTC has expanded the Applied Technical Bachelor’s Program and established special technical colleges for girls, aiming to achieve gender equality in education and learning opportunities. By focusing on skills and operational efficiency, the TVTC has attracted international expertise to operate international colleges and institutes of strategic partnerships and attract international students to enhance the quality of training and optimizing the use of available human and financial resources for distinguished quality training.

Launching a Number of Science and Knowledge Programs

The Kingdom has launched science and knowledge programs to empower future generations by opening up and investing in previously untapped sectors. Some of these programs include:

- Establishing the Path of Excellence
  - The program aims to raise the level of scientific knowledge by sending students to distinguished international educational institutions.

- Establishing the Saudi Digital Academy
  - The Academy is responsible for developing the digital capabilities of the Kingdom in partnership with the private sector.

- Establishing the Culture Scholarship Program
  - It is the first scholarship program in the Kingdom for students to study for BA, MA, and PhD programs abroad in the fields of music, theater, film and archaeology. The Program aims to provide the cultural sector with rich talent.

- Establishing the Saudi Real Estate Institute
  - The academic arm of the Real Estate General Authority is designed to teach, train and disseminate the best international practices of the real estate sector. By the end of 2020, it had trained more than 45,000 trainees.

- Establishing the Digital Filmmaker Program
  - In collaboration with the British Film Institute, the School of Film Arts at the University of Southern California in Los Angeles and the Institute for Creative Media Skills at the Fireworks Studios in Britain, the project features 21 training programs in film-making disciplines.

- Establishing the Innovation Labs
  - The Digital Innovation Labs network benefited 26,000 people with a total of 260 training camps.

- Establishing the Scholarship Program
  - It is the first scholarship program in the United Arab Emirates to train Saudis in entertainment sector skills.

- Establishing the Pioneers Program
  - The program was established in partnership with a leading US company to train Saudis in entertainment sector skills.

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Investing in Teachers

The Ministry of Education has prioritized investing in teachers by focusing on their professional development, raising efficiency, and supporting their educational roles through policy activation and various initiatives. These efforts include launching a professional teacher’s license as a condition for appointment and promotion, and approving a new list of educational jobs to professionalize education. This system includes teacher ranks from assistant to expert, based on professional and personal development dimensions. Moreover, the ministry is intensifying professional development processes for teachers through the Digital Training Initiative and optimizing the investment of educational cadres by rehabilitating them academically in disciplines related to their main specializations and educational field requirements.

The number of registered patents granted to employees of Saudi government universities increased to 143 patents in 2020. High admissions of secondary school graduates in vocation training. The vocational training target for 2020 was 12.3% but 23.77% was actually achieved. 104 scientific centers were inaugurated inside schools to increase STEM skills. They are designed to focus on technology and innovation and raise the professional competence of teachers and supervisors.

Lifelong Learning

The government has emphasized lifelong learning by focusing vocational and technical skills and establishing partnerships with international organizations for training and educational opportunities. The Kingdom celebrated Arab Literacy Day 2022 to eradicate illiteracy and promote lifelong learning. The Ministry of Education has launched the neighborhood club recreational and educational program, providing educational services to citizens. Additionally, summer campaigns for awareness and literacy target remote areas. The “A Society Without Illiteracy Program” focuses on illiterate women in remote villages. The Ministry also supports talent by investing in gifted students and expanding talent detection tests.

Quality of Life Program

This program focuses on enhancing citizens’ well-being and lifestyle through various initiatives, including developing sports and arts academies, implementing national training strategies, and creating diverse educational and vocational programs, ultimately enriching the country’s cultural, artistic, and recreational landscape.

Model Schools of the Future

These schools deliver a holistic approach, incorporating innovative teaching methods and learning environments, starting in densely populated areas and expanding across the country, measuring learning outcomes to apply lessons learned to the general education system.

UNESCO Global Network of Learning Cities

Jubail Industrial City and Yanbu Industrial City have been accredited by the network, with Jubail winning the UNESCO Learning City Award for outstanding progress in lifelong learning opportunities. Yanbu prioritizes educational planning, monitoring, and evaluation, particularly in e-learning and lifelong learning.

3. Key Areas for Attention and Next Steps

The government is actively addressing the need for more technical infrastructure and devices for students through collaboration with private and non-profit sectors, providing tablets and computers to students in need, and offering free access to educational websites and platforms. Moreover, the government has transitioned to online learning via satellite broadcasting channels by increasing the number of educational channels and launching the “Madrasati” and “Rawdaty” platforms for general and kindergarten education, respectively, ultimately enhancing educational outcomes and teacher-student interaction. The Ministry of Education is addressing the challenge lack of readiness due to digital illiteracy and resistance to change by providing training materials, manuals, awareness messages, and training courses for teachers, supervisors, and school leaders.

The following are key actions for this SDG area:

• Through the Human Capacity Development Program, the government will improve educational outcomes to achieve higher grades in international tests, promoting digitalization through online learning, attracting international higher education and vocational institutions, and encouraging private sector and non-profit investments in curricula, technology, and innovation.

• Through the "Quality of Life Program", the government will focus on supporting physical activity in schools and universities, particularly for girls. Additionally, the program will promote theater as a cultural activity in higher education and train male and female students in theatrical arts in several universities.
There are around 8.4 million students in Saudi Arabia, approximately 25 percent of the Kingdom’s total population. These students will form the heart of a more sustainable world. PSU, the government of Saudi Arabia, Vision 2030 and the UN’s SDG agenda all have the same ultimate ambition: to create a world that works for all—both now and in the future.

PSU is one of the universities in Saudi Arabia to pledge net zero carbon emissions by 2060. As part of youth engagement strategy, the PSU SDG club, being part of the PSU center for Sustainability and Climate (CSC), coordinates social and educational events to spread awareness and advocate for sustainable initiatives at the university and among the student population.

The exemplary zero waste initiative focuses on driving circularity on campus through:
- Creating awareness about achieving the zero waste goal within the PSU campus.
- Incentivizing students to ideate and initiate projects that help reduce waste on campus.
The program offers rewards to students of up to SAR 8,000.

Energy generation is one of the biggest emitters of greenhouse gases, and renewable energy investment is a fast and effective solution to reduce these emissions.

Students participated in international conferences such as HarvardMUN, PragueMUN, winning numerous awards. Since 2019, PSUMUN has been organizing its own conference. CSC hosted workshops alongside UNITED NATIONS GLOBAL Compact (UNGC).

Energy generation is one of the biggest emitters of greenhouse gases, and renewable energy investment is a fast and effective solution to reduce these emissions.
Saudi Arabia has taken steps to achieve a cohesive method of equality between the men and women of society in various fields by enhancing their rights, support systems and care programs, thus improving their work environment in all sectors. In recent years, the government has taken several key measures to empower women and improve gender equality, including increasing women’s participation in the workforce.
The laws of the Kingdom of Saudi Arabia, derived from Islamic law, adopt the principle of complementary equality between men and women, taking into account the characteristics of both sexes, to achieve ultimate justice. As the Kingdom of Saudi Arabia believes that the integration of the relationship between the sexes is an ideal way to promote and protect human rights and to guarantee the equality between men and women, such as the rights to work, education, health, economic rights and others. Saudia Arabia has made significant efforts to promote gender equality in line with Saudi regulations. These efforts include reinforcing women’s rights through judicial decisions, empowering women in education and professional development, enhancing women’s healthcare, providing social support, and promoting women’s participation in the realms of justice, business, and politics.

SDG data shows a positive trend in increasing women’s representation in managerial positions in both the governmental and private sectors between 2015 and 2020.

The representation of women in private sector management increased from 20.02% in 2015 to 32.28% in 2020. The data also shows significant growth in mobile phone ownership among both individuals and adults, regardless of gender, between 2018 and 2021 (the proportion for women stood at about 95% in 2021).

Data from the Ministry of Human Resources and Social Development (MHRSD) shows that the illiteracy rate among Saudi women over 15 years old was 4% in 2020. The enrollment rate for girls in secondary schools when they reach the appropriate age was 108.3% in 2020. In 2020, 58.8% of Saudi women aged 25 and older had attained a secondary education degree, while 36.4% of the same demographic had completed post-secondary education.

*More information on government policy related to gender equality can be found here.*
Women in the Labor Force:
The percentage of women participating in the labor force has increased. As of the second quarter of 2022, Saudi women's unemployment rate stood at 19.3 per cent, decreasing from 30.8 per cent in the fourth quarter of 2019. Women represented 30.1 per cent of total Saudi employment in 2022 Q2, up from 21.5 per cent in the fourth quarter of 2019. Similarly, Saudi women's labor force participation rate has been increasing over the past years, registering 35.6 per cent in the second quarter of 2022, up from 26 per cent in the fourth quarter of 2019.7

Women's Economic Empowerment:
Women's economic empowerment has improved, with increased access to credit, property, and other resources that are critical for their financial security and independence. As can be seen in the figure above, the percentage of women's participation in middle and senior management positions exceeded 39% by the end of 2021. Saudi Arabia scored 80 out of 100 in the 2022 World Bank Women’s Business and Law Report, an improvement of 10 points from the 2020 score.8

Women in Politics:
Women participate in the Kingdom’s Shura Council, in accordance with the rules of Sharia. Currently, the proportion of seats held by women in the Shura Council is 20%. Further, several Saudi women have been hired in different leadership positions, such as the Ambassador, Deputy Secretary General of the Council of Ministers, Deputy Minister, Assistant to the Speaker of the Shura Council, and other positions.

Women in Local Governance:
Saudi Arabia has made efforts towards gender equality, allowing women to participate in municipal elections as voters and candidates since 2015. Although only 21 women out of 2,106 candidates were elected in the first election, the number increased significantly to 417 in the 2019 municipal elections, representing 24% of the seats.

Women's Education:
The government has made significant efforts to promote gender equality in education, and there is near-parity in terms of enrollment rates for girls and boys in primary and secondary education.

Women in Science, Technology, Engineering, and Mathematics (STEM):
Progress has been made in improving women’s representation in the STEM fields, creating opportunities for women to pursue careers in these fields and providing support for women who do choose to study or work in STEM.

Women's Legal Rights:
Women's rights have been expanded, increasing their opportunities and ability to travel and work.

Women in Media and Sports:
Women's representation in the media has increased and women's voices and perspectives have become more prominent. Women's participation in sports has increased, and restrictions on women's ability to participate in sports and engage in physical activity have been removed.

Women’s Health:
Saudi Arabia has made significant progress in enabling women to access quality health care services, including reproductive health services and protection from gender-based violence.

Key Priorities of the Saudi Government to Promote Gender Equality

- Lifting the ban on women driving in 2018, which was a significant step towards empowering women and improving their mobility.
- Increasing the participation of women in the workforce, through initiatives that support women entrepreneurs and provide them with training and skills development.
- Promoting women's education through initiatives such as the "Education for All" campaign, aimed to increase enrollment and graduation rates for girls in schools and universities.
- Improving women's access to healthcare.
- Improving women's representation in decision-making positions, including appointing women to high-level government positions.
- Addressing violence against women and criminalizing domestic violence through the legal framework.

The following are some key highlights on gender equality in Saudi Arabia:

- Five years after the launch of vision 2030, the empowerment of female entrepreneurs has increased the number of women-owned SMEs by 16 percentage points from 22% to 38%.
- Growing women-owned SMEs.
- Lifting the ban on women driving in 2018, which was a significant step towards empowering women and improving their mobility.
- Improving women's access to healthcare.
- Improving women's representation in decision-making positions, including appointing women to high-level government positions.
- Promoting women's education through initiatives such as the "Education for All" campaign, aimed to increase enrollment and graduation rates for girls in schools and universities.
Diversity and Inclusion Strategy
Ministry of Sports

IN-DEPTH CASE

SUMMARY
In 2018, the Kingdom launched a project focusing on enhancing detection of the HCV virus through integrated screening of the entire population, with priority to vulnerable groups. The project included training an adequate number of staff and improving facilities to fight the virus.

IMPACT
The project has already seen its initial success. Saudi Arabia witnessed a sustained commitment to increase women participation in sport on multiple levels, doubling in number from 2015 to 2019.

NEXT STEPS
As the project continues, the way forward is to extend the Ministry’s efforts into the domain of public opinion, where there's a plan to sponsor and curate awareness campaigns to change the perception of women participation in sports among Saudis of all age and genders.

IN-DEPTH CASE

2. Institutional Framework and Key Ongoing Initiatives

In recent years, Saudi Arabia has made significant progress towards achieving gender equality and empowering all women and girls. Vision 2030 included a strategic objective to expand women’s participation in the labor force. The Vision ensures women’s rights in the areas of health, education, protection, work, and having access to a respectable level of living. Several initiatives have been launched to foster an inclusive environment in the labor market. They include changes to the labor law and family law reforms, allowing women to drive, serve in the military, as well as other incentive programs, have all enabled Saudi women to become increasingly present in the labor market, including in leadership and managerial positions.

The following are some specific initiatives aimed at promoting gender equality and empowering women in Saudi Arabia:

- The **Basic Law of Governance** prohibits discrimination against women and bans all forms of discrimination. The Royal Decree provides for furnishing of immediate assistance and to make every possible effort to provide shelter as well as social, psychological and health care to victims of abuse. In 2019, a series of laws were introduced aimed at promoting women’s rights, including laws allowing women to travel abroad without the permission of a male guardian, and laws giving women the right to register a marriage, divorce or childbirth, and obtain official family documents. Other legislative developments in recent years include the introduction of laws to protect women from domestic violence and harassment, and to promote equal pay for equal work.

- To eliminate work-related discrimination, the **Labor Law** has established a number of rights and duties on an equal footing between men and women, such as equal pay in the event of equal value and quality of work, and full equality in the search for work aid, and in training programs to obtain work. The Labor Law prohibits discrimination against women in hiring or wages. Additionally, the law includes provisions for maternity leave, nursing breaks, and work conditions specific to women’s needs. It also prohibits employers from terminating a female worker’s employment during her maternity leave or during illness resulting from pregnancy or childbirth. It also prohibits women’s employment in mines or quarries. The law includes a set of ministerial decisions that further regulate women’s work conditions. These decisions provide guidelines on the employment of female workers at night, women’s participation in workers’ committees, and the spatial environment of women’s work. In January 2023, the Saudi Cabinet approved the “National policy to promote equality of opportunities and treatment in employment and occupations in the Kingdom of Saudi Arabia”. Furthermore, the Civil Service Law in its first article states that merit is the basis for selecting employees to occupy public positions. In addition, the Saudi Government has adopted in January 2023 a National Policy on Equality in Employment and Occupation.

- Saudi Arabia’s educational system is based on equality between men and women. Women have received particular attention, especially with the continued establishment of a number of university cities for girls, such as Princess Noura bint Abdulrahman University, and the university cities of Imam Muhammad bin Saud University and King Saud University.

- The **Gender Balance Center** was established to coordinate the efforts between agencies to achieve gender balance in the Kingdom by presenting initiatives and projects that contribute to bridging the gender gaps, holding training programs, and providing consultations, studies, and administrative organization.

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9 More information about Chapter Nine of the Labor Law can be found here.
10 Amendments made by Royal Decree No. 684 of 27/11/1440 H, including Article 2, changed the definition of the worker as “any person male or female, who works for the benefit of an employer and under his management or supervision for a fee, even if he is away from his sight”. Article 3 was amended to state “citizens are equal in the right to work without any discrimination on the basis of sex, disability, age or any other form of discrimination, whether during the performance of work or when hiring or advertising”. Article 34 provides model mechanisms prohibiting wage discrimination between men and women workers for work of equal value.
Despite the progress made towards promoting gender equality in local governance in Saudi Arabia, there is still much work to be done to address the underlying social, cultural, and legal barriers that limit women’s participation in decision-making processes at the local level. Concerted efforts from government, civil society, and international organizations will continue to ensure women can fully participate in decision-making that affects their lives and communities. Also, additional efforts are required to ensure the employment of Saudi women in managerial positions and in more productive and high value-added sectors. The government has launched initiatives to promote women’s entrepreneurship, but more efforts are needed to create an enabling environment for women’s economic empowerment.

The government has prioritized several issues, including increasing women’s participation in decision-making positions in the public and private sectors, promoting women’s economic empowerment, and enhancing access to education and healthcare for women. The following are some steps for the way forward:

- Conducting further research and analysis to identify and address key barriers to women’s participation in the public and private sectors.
- Developing legal and regulatory reforms to support, enhance, and increase women’s participation in the public and private sectors.
- Developing and implementing tailored leadership development programs for women in government to enhance their representation, leadership, and decision-making roles.
- Collaborating with key stakeholders to promote gender-responsive policies and practices that support women’s economic empowerment.
- Engaging with communities to raise awareness of women’s participation in decision-making and promoting gender equality.
- Tracking and evaluating progress in this area.

3. Key Areas for Attention and Next Steps

The government has focused on several initiatives aimed at empowering women in various areas including health, education, employment, and family safety.

- Quality of Life Program
  - Initiatives under this program include revamping major sports facilities to cater to families and women, eliminating systemic barriers to enable women’s contribution to the sports sector, and encouraging female students to engage in sports by building and outfitting sports halls and gymnasiums throughout the Kingdom.

- National Agenda for the Development of Women
  - Is a strategic plan aimed at improving the status of women in areas such as health, education, and employment.

- National Family Safety Program
  - Protects families from violence, by monitoring and studying abuse cases and raising awareness of the harms of violence.

- National Program for the Development of Education
  - Includes measures to improve the professional skills of female teachers in all regions.

- Supporting Childcare for Working Women (Qurrah Program)
  - Is a unified online portal that brings together everything related to the childcare sector in the Kingdom. The portal enables childcare centers to offer and market their services to parents.

- Kanaf
  - Is a platform designed for the neediest categories of widows and divorced women by giving them financing to help them bear the costs and burdens of life.

- Sakani Program
  - Helps Saudis to own or rent a home by providing a range of services that fulfill aspirations and all needs to contribute to facilitating the ways for them to own a home. The program prioritizes widows and divorced women.

- Women Leadership Program (Qiyadiah)
  - Supports women’s leadership capacities by providing skills training and development. This enables them to advance within their organizations and navigate the unique challenges of the Saudi labor market.

- Qiadya Program
  - Launched by the Women’s Leadership Center at the Princess Nourah bint Abdulrahman University, is an initiative aimed at empowering Saudi women in leadership roles. It offers leadership training and skill development to women from the public sector, private sector and civil society.

- Wusool Program
  - Covers 80% of the transportation cost through ride hailing apps for a period of 24 months for 56,851 women.
Saudi Arabia has increased access to clean water and improved sanitation services, particularly in rural areas. The government has improved the water and wastewater infrastructure, increasing the population’s access to drinking water, reducing water waste and improving water use efficiency. The government has taken steps to address water scarcity through various initiatives, such as water desalination, reuse of treated wastewater, development of renewable groundwater, harvesting of rainwater and implementation of efficient irrigation systems.
SDG data shows that between 2016 and 2020, nearly 100% of the population consistently had access to safely managed drinking water services. The government has invested significantly in desalination technology to supplement water supply. Efforts have focused on improving water quality, including measures to reduce the impacts of pollution and improve water treatment processes. Similarly, the data shows that the entire population has access to safely managed sanitation services. The government has made significant investments in building and upgrading sewage treatment plants to improve the management of wastewater. The country is also promoting the use of technologies, such as composting toilets, to reduce the environmental impact of wastewater treatment and disposal.

### 1. General Situation

<table>
<thead>
<tr>
<th>YEARS</th>
<th>Proportion of population using safely managed drinking water services (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016</td>
<td>99.4</td>
</tr>
<tr>
<td>2017</td>
<td>99.4</td>
</tr>
<tr>
<td>2018</td>
<td>99.7</td>
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<tr>
<td>2019</td>
<td>99.7</td>
</tr>
<tr>
<td>2020</td>
<td>99.7</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>YEARS</th>
<th>Percentage age population using safely managed improved sanitation services (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016</td>
<td>100</td>
</tr>
<tr>
<td>2017</td>
<td>100</td>
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<td>2018</td>
<td>100</td>
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<tr>
<td>2019</td>
<td>100</td>
</tr>
<tr>
<td>2020</td>
<td>100</td>
</tr>
</tbody>
</table>

**Wastewater Treatment:** The government has invested in upgrading wastewater treatment facilities and improving the management of wastewater to reduce the impact of wastewater on public health and the environment and provide ample volumes of tertiary treated water, which can be repurposed for a range of applications including agriculture, industry, and urban activities, in compliance with established standards and guidelines. In 2020, Saudi Arabia entered into a partnership to build the first independent sewage treatment plant (ISTP) which seeks to become a blueprint model for future private sector wastewater initiatives, processing up to 350,000 m³ of wastewater per day. By 2030, total capacity is envisaged to reach 10.3 million m³/day.

**Water Conservation:** The government has launched water conservation initiatives, including the promotion of efficient water use practices, to reduce the demand on water resources and ensure the sustainable use of water in the country. Because agriculture is the highest water-demanding sector (consuming 84% of the total water consumption, while growing at a yearly rate of 7%), with high dependence on non-renewable groundwater (around 80%), targets were set to raise on-farm irrigation efficiency up to 75% in 2030, in addition to enforcing an ambitious reduction in the quantity of non-renewable groundwater use by 2030.

**Water Reuse:** The government is promoting the reuse of treated wastewater for agricultural and other non-potable purposes, to conserve water resources and reduce the demand on fresh water supplies. Accordingly, an ambitious target is set to raise treated sewage water reuse from 14.4% in 2016, to 80% of the total quantity produced by the year 2030.

The government has taken measures to ensure that the benefits of water and sanitation are equitably distributed. This includes measures to ensure that rural and remote communities have access to clean water and improved sanitation, and to address the needs of vulnerable groups, such as women and children, who are often disproportionately affected by inadequate water and sanitation facilities.
The Kingdom is the largest producer of desalinated water in the world, reducing the strain on conventional water sources. Saline Water Conversion Corporation (SWCC) produced 5.9 million m³ per day in 2020 at 32 desalination plants using 63 pumping stations for 319 reservoirs with a capacity of 20.3 million m³ of water per day. The Kingdom holds the Guinness World Record for the ‘highest desalinated water production in the world’, and ‘the largest desalinated water plant in the world’ for the Jubail desalination plant, which produces 1.4 million m³ per day.

Global Achievement in Desalinated Water Production

Water Desalination Project

- 7M M³ of water desalinated
- Reduction in the cost of water desalination per m³: 40%
- Increase in desalination production capacity: 90,000 M³/day
- 14,000 tons decrease in harmful CO₂ emissions
- 1.1M barrels of crude oil avoided consumption
- Increase in the rate of population growth and reverse migration to the Alkhafji province: 2.2%

2. Institutional Framework and Key Ongoing Initiatives

Saudi Arabia has established several institutions and policies to support sustainable water management, such as regulations for the reuse of treated wastewater and the reduction of water waste. The following are major institutions and policies in this sector.

SAUDI INSTITUTIONS AND POLICIES IN SUPPORT OF SUSTAINABLE WATER MANAGEMENT

National Water Strategy (2030)
Developed by the Ministry of Environment, Water and Agriculture, the strategy aims at the reduction in the use of non-renewable groundwater in agriculture by about 10 billion cubic meters in 2030, while increasing the use of renewable water resources and surface water in agriculture.

Water Law
focuses on the sustainable management and conservation of water resources in the country, emphasizing their efficient utilization and equitable distribution. The law establishes a regulatory framework for water usage, allocation, and preservation, ensuring that water resources are used responsibly.

Water Regulator
regulates the provision of water supplies in a safe, clean, reliable, high-quality, and competitively-priced manner, ensuring fairness among consumers and guaranteeing access to water for everyone’s needs while protecting the rights of consumers, service providers, and the public interest.

National Center for Water Efficiency and Conservation
develops and oversees national water efficiency programs, sets performance indicators and goals, and evaluates their effectiveness. The center also certifies and licenses service providers and coordinates water efficiency and conservation services, including measurement and verification.

Saudi Irrigation Organization
oversees the country’s irrigation sector, aiming to reduce agricultural water consumption from non-renewable resources. It is leading the shift away from water-intensive crops such as wheat, alfalfa, and fodder and the adoption of modern irrigation methods and practices.

The following are some key ongoing initiatives in the sector.

KEY ONGOING INITIATIVES

Quality of Life Program
The initiative “Reducing the surface water level in coastal cities” aims to reduce the surface water level in coastal cities, followed by the implementation of projects to establish networks for lowering the surface water level and draining rainwater to protect public and private property and to reduce the amount spent for the maintenance of road networks in coastal cities.

National Program for Water Conservation "Qatra"
Aims to preserve water as a non-renewable national wealth. The program aims to reduce the average per capita consumption of water in the Kingdom to 150 liters in 2030 through a package of awareness and guidance programs and solutions to rationalize consumption. The Qatra Program emphasizes the significance of water conservation. It aims to suggest methods for rationalizing consumption and educate individuals on the importance of adjusting their personal water usage habits.

AUGMENTING THE USE OF RENEWABLE GROUNDWATER AND SURFACE WATER USE IN AGRICULTURE

Quantities by 2030

- Renewable Groundwater: 3.1 BCM/y
- Renewable Surface Water: 800 MCM/y

Studies
MEWA has completed the studies on 600 Wadi dam sites in the Western and Southwestern regions to be constructed for different uses including:

- Drinking Water
- Agriculture
- Flood Control
- Groundwater Recharge
Efforts to increase water availability and storage capacity have led to the implementation of over 550 water dams, with a combined storage capacity of approximately 2.6 billion cubic meters. Additionally, the "Agricultural Terraces Rehabilitation and Rainwater Harvesting Techniques Implementation in Southwestern Saudi Arabia" initiative has been established as part of Vision 2030, further bolstering water conservation strategies. Investments have been made in the Madinah-3 wastewater treatment plant, which will ultimately achieve a maximum capacity of treating around 375,000 cubic meters of urban water. Sustainable desalination and water treatment capabilities are also being developed, including solar-powered water treatment plants through collaborations between Taqnia Energy, a PIF subsidiary, and KACST. Aramco is implementing a water conservation roadmap, focusing on supplementing water supplies with nontraditional sources, implementing water-efficient practices, minimizing water losses, and promoting water conservation awareness.

Critical shortcomings have been attributed to low efficiency of irrigation techniques, low awareness, poor infrastructure, as well as gaps in water sector policies and legislation. The Kingdom's response to water supply challenges was outlined the National Water Strategy 2030, and includes:

- Preparing a comprehensive plan and lining out an integrated approach to water resource management
- Extending the capacity and reuse of treated wastewater
- Building sustainable desalination capacities
- Development of non-conventional water resources, such as running pilot projects focused on harvesting rainwater
- Developing a risk management plan, and introducing planning for emergency cases

The aim of the initiatives is to limit reliance on non-renewable water and promote the use of treated wastewater and renewable water alike.

Reduction of Water Availability and Storage Capacity

- Increase of Water Availability and Storage Capacity
- Wastewater Treatment
- Treated Effluent Reuse

Aiming to reduce water supply by 32% until 2030, the National Water Strategy 2030 targets significant reductions in water demand. The estimated agricultural water consumption reduction is set to reach 46%.

<table>
<thead>
<tr>
<th>Resolution:</th>
<th>From 21 billion cubic meters (2022)</th>
<th>To 11.4 billion cubic meters (2023)</th>
<th>Target 6.9 billion cubic meters (2025)</th>
</tr>
</thead>
<tbody>
<tr>
<td>In the urban sector, water loss reduction has been significant:</td>
<td>From 40%</td>
<td>To 25%</td>
<td>Target 15%</td>
</tr>
<tr>
<td>Newly adopted technologies in desalination have reduced the power consumption:</td>
<td>From 1.7 Kwh/m³</td>
<td>To SR 1.54 m³</td>
<td>To SR 1.3 m³</td>
</tr>
</tbody>
</table>

ADOPTING REVERSE OSMOSIS (RO) TECHNOLOGY

RO is an improved desalination technology adopted in:

- Umluj Plant Production capacity: 26,600 m³ per day
- Haql Plant Production capacity: 17,000 m³ per day

Expected to be used:

- Farasan Plant Designed capacity: 8,500 m³ per day
- Rashid Project: The project will save 7.6 million m³ of water annually. It will accomplish this by: detecting and repairing leaks, installing rationalization tools, monitoring consumption and raising public awareness.

SUMMARY

- Total water demand from the agriculture sector: 82%
- Saudi efficiency of current irrigation techniques: 50%
- Global best practices efficiency of irrigation techniques: 75%

 IMPACT

- Umluj Plant Production capacity: 26,600 m³ per day
- Haql Plant Production capacity: 17,000 m³ per day

NEXT STEPS

For many years, the Saudi government has been trying to resolve issues around water production, transmission distribution, collection, and treatment. Past operational complexities slowed progress in this regard, but with the new structure in place, there’s already evidence of progress in resolving issues, such as reflecting more precisely the actual costs incurred throughout the supply chain. NWS developed an 11-Step and three-phase approach.
The government is committed to ensuring access to safe and affordable drinking water, including in remote and rural areas. Efforts are focused on further improving the cost-effectiveness and sustainability of desalination. The government is also committed to keeping pace with technological development to improve irrigation methods and raise water use efficiency. This commitment includes the establishment of demonstration farms and a technical center focused on developing innovative irrigation practices and methods.

### 3. Key Areas for Attention and Next Steps

The following are some steps for the way forward completing projects and studies to support national targets:

- Enhance the reuse of Treated Sewage Effluent (TSE) for agricultural and other non-potable applications.
- Develop methods for renewable groundwater and rainwater harvesting to be used in irrigation.
- Create a comprehensive irrigation master plan.
- Establish a Saudi code for irrigation and drainage systems.
- Encourage efficient irrigation and water productivity among farmers.

Digging the **longest desalinated water tunnel in the world**

The project in Taif City, runs through the rugged Sarawat Mountains at a length of 12.6 km. It was built ahead of schedule and in record time. Progress peaked at 60.8 m of tunnel completed per day, despite the difficult terrain and the repercussions of COVID-19.
Saudi Arabia is a leading producer of energy and has made progress in increasing access to clean energy sources. The government has also launched initiatives aimed at improving energy efficiency, such as retrofitting buildings with energy-saving technologies and promoting the use of electric vehicles.
SDG data shows that Saudi Arabia has achieved universal access to electricity for its population. The data also indicates that Saudi Arabia has made significant progress in ensuring its population relies primarily on clean fuels and technology.

Saudi Arabia has taken steps to modernize and diversify its energy sector, including investments in clean technologies for the oil and gas sector and the development of natural gas as an alternative to crude oil for power generation. The government is expanding the grid infrastructure and the development of off-grid renewable energy solutions to provide effective access to energy to rural and remote communities. Another important aspect of this work is the digitalization and upgrade of smart grid.

### 1. General Situation

<table>
<thead>
<tr>
<th>Years</th>
<th>Proportion of population with access to electricity (%)</th>
<th>Proportion of population with primary reliance on clean fuels and technology (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016</td>
<td>99.9</td>
<td>100</td>
</tr>
<tr>
<td>2017</td>
<td>99.9</td>
<td>100</td>
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<tr>
<td>2018</td>
<td>99.8</td>
<td>100</td>
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<tr>
<td>2019</td>
<td>99.6</td>
<td>100</td>
</tr>
<tr>
<td>2020</td>
<td>99.5</td>
<td>100</td>
</tr>
<tr>
<td>2021</td>
<td>99.5</td>
<td>100</td>
</tr>
</tbody>
</table>

The Kingdom’s energy efficiency program has improved energy efficiency in:

- Power Plants
- Desalination Facilities
- Industry
- Agriculture

<table>
<thead>
<tr>
<th>CO₂ equivalent emissions 2021</th>
<th>CO₂ equivalent emissions 2020</th>
<th>425 MBDOE energy savings by the end of 2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>6.3%</td>
<td></td>
<td>The Kingdom developed an enforcement plan to monitor the implementation of energy efficiency standards for appliances and products</td>
</tr>
</tbody>
</table>
Saudi Arabia’s Achievements in Energy Efficiency

2. Institutional Framework and Key Ongoing Initiatives

Vision 2030 prioritizes the reduction of the country’s dependence on oil and increasing the use of renewable energy. The Saudi Green Initiative (SGI), Saudi Arabia’s flagship climate change initiative, provides the framework for these efforts. Under this framework, Saudi Arabia has developed an extensive set of policies designed to create a favorable environment for the development and growth of clean energy, including carbon capture utilization storage, reducing the country’s dependence on oil, and improving energy efficiency. SGI encompasses numerous efforts to reduce emissions and promote sustainability, such as implementing the Riyadh Sustainability Strategy, diverting 94% of Riyadh’s waste from landfills, composting over 1.3 million tons of biodegradable waste, and partnering with the Alliance to End Plastic Waste.

Renewable Energy Development: Saudi Arabia has launched several large-scale renewable energy projects, including the 300MW Dihahran Solar Power Project, the 800MW Dumat Al-Jandal Wind Power Project, and the 2.5GW Sakaka Solar Power Project. The government is also promoting small-scale renewables, such as rooftop solar panels. The installed renewable capacity in the Kingdom totals 300MW of solar photovoltaics and 400MW of wind. This share is expected to grow rapidly. Saudi Arabia has set a goal to generate 50% of its power from renewables by 2030. The National Renewable Energy Program (NREP) aims to reach around 50% of the energy mix by 2030. Through this program, the government is initiating wide-ranging reforms, regulations, and policies to stimulate private sector investment, research and development, employment in renewables. The program sets out a roadmap to diversify local energy sources, stimulate economic development and establish the local renewable energy supply chain and industry. The Kingdom’s renewable program has been recognized with three international awards, including a Global Award from Project Finance International (PFI) for the best ESG platform and two awards from Infrastructure Journal Global. In the coming year, the Kingdom is working on finalizing plans to develop 10 more renewable energy projects, with the goal of integrating an additional 840MW of solar PV capacity into their grid. The Renewable Energy Project Development Office supports the development of renewable energy projects and has introduced a number of incentives and subsidies to encourage investment in this sector. Moreover, the King Salman Renewable Energy Initiative has been launched to increase the use of renewable energy in the country and develop related infrastructure.

Energy Efficiency: The Saudi Energy Efficiency Center launched the Saudi Energy Efficiency Program to ensure that Saudi Arabia becomes a highly energy efficient country through initiatives such as standards and regulations in buildings, transportation, industry, and utility sectors. The program has focused initially on the demand side targeting three sectors - Industry, Transportation and Building - that constitute more than 90 percent of domestic energy consumption. The program has made significant improvements in power plants, desalination facilities, industry, and agriculture. In 2021, the program achieved a 6.3% improvement in CO₂ emissions reduction compared to 2020, with energy savings of around 425MBDOE. The energy efficiency market in the Kingdom has seen substantial growth, with the number of ESCOs increasing tenfold, from 4 to 47 companies, in just five years. The second phase of the Saudi Corporate Average Fuel Economy (CAFE) improved fuel economy at a rate of 3.5% annually. Furthermore, the Kingdom developed an enforcement plan to monitor the implementation of energy efficiency standards for appliances and products, resulting in a 57% improvement in minimum energy performance between 2012 and 2018. The National Energy Services Company (Tarshid) was established to incentivize energy efficiency in government buildings and private sector investment in energy efficiency services. It plans to retrofit the entire pool of public and governmental assets and facilities which include 2 million streetlights, 110,000 government buildings, 35,000 public schools, 100,000 mosques, 2,500 hospitals and clinics. Saudi Electricity Company has deployed over 10 million smart meters, which has improved fuel economy at a rate of 3.5% annually. Furthermore, the Kingdom developed an enforcement plan to monitor the implementation of energy efficiency standards for appliances and products, resulting in a 57% improvement in minimum energy performance between 2012 and 2018. The National Energy Services Company (Tarshid) was established to incentivize energy efficiency in government buildings and private sector investment in energy efficiency services. It plans to retrofit the entire pool of public and governmental assets and facilities which include 2 million streetlights, 110,000 government buildings, 35,000 public schools, 100,000 mosques, 2,500 hospitals and clinics. Saudi Electricity Company has deployed over 10 million smart meters, which has the potential of reducing CO₂ emissions by 1.8 million tons annually and will promote efficient electricity use through daily/hourly consumption data.

Electric Vehicles: The government is promoting the adoption of electric vehicles (EVs) as part of its efforts to increase the use of clean energy. The government has launched various initiatives to support the development of the EV market, including the establishment of charging infrastructure and the promotion of EVs through financial incentives and subsidies. Saudi Electric Vehicle Alliance promotes the use of electric vehicles and has taken steps to encourage the use of public transportation, bike-sharing, and other sustainable transportation options. The Ministry of Energy and Ministry of Economy and Planning are employing Behavioral Economics strategies through various initiatives to assist electricity customers in enhancing their consumption habits.

The Sakaka Solar Power Project is the first in the series of renewable energy projects in the Kingdom with a production capacity of 300MW and a standard tariff of SAR 0.0878 per kWh, sufficient to power more than 45,000 households. The 400MW Dumat al-Jandal project achieved a global record for wind power at the lowest tariff rate of SAR 0.0746 per kWh. 10 additional solar projects with a total capacity of 3600MW are still in progress.
The Circular Carbon Economy (CCE) Program was established by the government to reduce greenhouse gas (GHG) emissions by deploying innovative CCE applications and technologies, while promoting the Kingdom’s socio-economic development. CCE is a collaborative concept created by Saudi and international experts in research and the energy sector. It aims for carbon circularity, neutrality, or net-zero CO2 emissions, offering a comprehensive, technology-neutral, and cost-effective approach to evaluating climate change mitigation strategies at various levels. CCE extends the circular economy’s three ‹Rs› - reduce, recycle, and reuse - by introducing a fourth ‹R› for removal, while concentrating on energy and emissions flows rather than materials and products.

Oil Sustainability Program (OSP) was launched in 2020 with the objective of sustaining hydrocarbons as a competitive source of energy and materials. The program aims to achieve its objectives through three main sectors: materials, utilities, and transportation.

Rural and Village Electrification Initiative aims to develop a long-term strategy for electrifying both existing and new rural areas and villages, working closely with appropriate government agencies and monitoring the progress of implementation.

Hydrogen: The Kingdom is aiming to become a leading hydrogen producer and exporter by 2030. The Ministry of Energy’s National Hydrogen Strategy envisages a number of measures outlined in the figure on the right. It also includes the construction of a green hydrogen plant in NEOM.

King Abdullah Petroleum Studies and Research Center (KAPSARC) focuses on research on energy and environment policies, economics and technologies and acts as an advisory center to the Saudi energy sector. Its services range across open-source templates and tools for researchers, academics and political decision makers. With a total of ten focus areas, KAPSARC’s ambition is to become a globally renowned research center.

Carbon Capture, Utilization and Storage (CCUS): The Kingdom is planning to deploy one of the world’s largest CCUS hubs in the Eastern region with a capacity of 44 million tons of CO2 per year by 2035.

Liquid Displacement Program supports the Kingdom’s energy mix transformation by switching remaining liquid fuel in power generation to natural gas. The program aims to displace more than 1 million barrels of liquid fuel consumed daily by 2030 (95% reduction) across three main sectors (Power Plants & Desalination Facilities, Industry and Agriculture). Since 2019, the program has reduced liquid fuel consumption by 7.5% and is currently converting one of the world’s largest desalination plants to gas, contributing to the energy ecosystem strategy’s goal of achieving a 50% gas and 50% renewable generation capacity mix by 2030.

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Saudi Arabia’s Leadership in Hydrogen

The First Saudi electric vehicle brand, with a range of vehicles that includes Sedans and SUVs. Leading in infotainment, connectivity, and autonomous driving.
Based on the policy agenda outlined above, Saudi Arabia’s focus in the coming years will be on scaling up renewable energy projects, expanding the adoption of electric vehicles, investing in hydrogen production and export, and enhancing energy efficiency across sectors. Further, promoting carbon capture, utilization, and storage (CCUS), sustaining hydrocarbons, electrifying rural areas, and leveraging research from institutions like KAPSARC are essential for achieving the country’s Vision 2030 goals. Additionally, it is crucial to further develop the policy framework underpinning circular economy ecosystem across all regions and sectors, aiming for a holistic circular solution.

The following are some key steps for the way forward:

- Building the Kingdom’s solar and wind energy capacity and developing the value chain in industries related to solar and wind energy (manufacturing equipment such as solar cells, models, wind turbines, etc.).
- Investing in hydrogen production facilities and developing and deploying carbon capture, utilization, and storage (CCUS) technologies.
- Promoting the growth of the National Energy Services Company (Tarshid) and adapting its operating model to evolving requirements, enabling it to increase in scope and size.

3. Key Areas for Attention and Next Steps

One of Saudi Aramco’s 4 impact areas is “to more effectively combat change” for a successful energy transition. It is embracing energy efficiency & increasing use of renewable energy for its operations, while advancing the science of carbon capture, including natural & technology-led solutions. Aramco is also working with international partners to develop more sustainable engines, fuels & the emerging hydrogen economy.

**Summary**

One of Saudi Aramco’s 4 impact areas is “to more effectively combat change” for a successful energy transition. It is embracing energy efficiency & increasing use of renewable energy for its operations, while advancing the science of carbon capture, including natural & technology-led solutions. Aramco is also working with international partners to develop more sustainable engines, fuels & the emerging hydrogen economy.

**Internal footprint management**

- Circular Carbon Economy: A cyclical model focused on reducing, reusing, recycling and removing carbon
- GHG emissions management program: Technologies and practices limiting GHG emissions
- Energy efficiency: Energy efficiency making business operations more sustainable
- Carbon capture, utilization & storage: Commitment to ensuring a sustainable energy future

**External energy transition actions**

- Mobile carbon capture: Lowering the carbon footprint of transportation
- Transportations: Reengineering the internal combustion engine & transport technologies
- Nonmetallic solutions: Producing nonmetallic solutions to sustainably meet future needs
- Blue hydrogen and ammonia: Pioneering the use of hydrogen as energy
- From crude to chemicals: Speeding up transformation of crude oil to chemicals

**IMPACT**

**Sustainability journey**

- **2017**: Installation of KSA’s first wind turbine
- **2019**: Inauguration of KSA’s first hydrogen fueling station
- **2020**: World’s first blue ammonia shipping to Japan
- **2021**: Development of Jafurah gas field (est. 200tn scf1)
- **2022**: Establishment of $1.5 billion sustainability fund which focuses on Carbon capture, utilization & storage (CCUS)
- **2021**: Investment in 1.5 GW Sudar Solar PV project
- **2022**: Establishement of 1.5 billion sustainability fund which focuses on Nature-based solutions: Digital sustainability Hydrogen, ammonia and synthetic fuels
- **2022**: Establishement of 1.5 billion sustainability fund which focuses on Nature-based solutions: Digital sustainability Hydrogen, ammonia and synthetic fuels

**NEXT STEPS**

- Invest in 12 GW of solar PV and wind project by 2030
- Reach 11 mm CO2 of annual CCUS capacity by 2035
- Reduce upstream carbon intensity by at least 15% by 2035 (compared to 2018 baselines)
- Reduce or mitigate net Scope 1 & 2 GHG emissions by 52 mm CO2 (compared to 2035 business as usual forecast)
- Carbon recycling: Recycling carbon to make stronger concrete
- Carbon recycling: Recycling carbon to make stronger concrete
- GHG reductions: Energy efficiency
- GHG reductions: Energy efficiency
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- GHG reductions: Energy efficiency
The country has made progress in creating job opportunities and promoting economic growth, particularly in the private sector. The government has initiated crucial reforms aimed at diversifying the economy and creating more job opportunities.
The main story of the Saudi Arabian labor market between 2018 and 2022 has been the successful integration of Saudi women into the labor force. SDG data shows that the average monthly earnings for both male and female employees have increased from 2017 to 2020. The total average monthly earnings increased from SAR 6,093 in 2017 to SAR 6,564 in 2020. In all age groups, the average monthly earnings of male employees were higher than their female counterparts in 2017. However, by 2020, there were some age groups where female employees earned more than males, specifically in the 40-44, 45-49, 50-54, 55-59, and 64-60 age groups. Also, between 2016 and 2020, male employees consistently worked more hours on average than female employees.

1. General Situation

The labor force participation rate has been on an increasing trend on account of greater participation of women in the labor market. For example, the participation of women in the labor force was 32 percent in 2020, compared to 19.4 percent in 2015. While unemployment rate remains significantly higher, the gap between the unemployment rate for men and women has narrowed – as can be seen from the SDG data in the figure below. The data also shows that the highest unemployment rates for both males and females were consistently found within the younger age groups (15-19 and 20-24).
SDG data also shows that the total rate of fatal and non-fatal occupational injuries for both male and female workers combined decreased from 536 per 100,000 workers in 2015 to 207 per 100,000 workers in 2019. This demonstrates a general improvement in occupational safety for workers in Saudi Arabia over the five-year period. The data also shows a consistent increase in the number of adults with a bank account or account at another financial institution from 2015 to 2021. This trend indicates a positive development in financial inclusion and access to formal financial services among the adult population in the country.

There has been a rise in the number of young Saudi professionals graduating from Saudi universities. According to ILO’s estimates, the annual growth rate of output per worker (GDP constant 2017 international $ at PPP) stood at 4.8 per cent in 2022, up from 4.4 per cent in 2021. Furthermore, according to the World Bank, in 2020 the Kingdom achieved first place globally in business environment reforms, as the Kingdom advanced 30 places - from 92nd in 2019 to 62nd in 2020. The government has created the Human Resources Fund for job skill training for Saudi youth. The Kingdom allows businesses to recruit from overseas if necessary. There are around six million skilled and semi-skilled expatriate workers in the Kingdom, from senior managerial level to laborers.

World Bank’s Doing Business Index

<table>
<thead>
<tr>
<th>Doing Business</th>
<th>DB 2020 Rank</th>
<th>DB 2020 Score</th>
<th>DB 2019 Rank</th>
<th>DB 2019 Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>KSA</td>
<td>62</td>
<td>71.6</td>
<td>92</td>
<td>63.5</td>
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<tr>
<td>The Arab World</td>
<td>118</td>
<td>56.5</td>
<td>122</td>
<td>55.14</td>
</tr>
</tbody>
</table>

SDG 8 DECENT WORK AND ECONOMIC GROWTH: MONSHA’AT

SUMMARY

Concept: The SME General Authority (Monsha’at) was established in 2016 with the aim of regulating, supporting, developing and sponsoring the SME sector in KSA in accordance with global best practices, to increase the productivity of SMEs and their contribution to GDP from 20% to 35% by 2030.

Vision: To empower SMEs sector to drive the growth of Saudi Arabia’s economy and realize Vision 2030 objective and beyond.

Mission: Supporting the growth and competitiveness of SMEs by cultivating a growth-oriented entrepreneurial environment and leading collaboration with our strategic partners in public, private, and non-profit sectors locally internationally.

Five Strategic Pillars of Monsha’at

<table>
<thead>
<tr>
<th>PILLAR I</th>
<th>PILLAR II</th>
<th>PILLAR III</th>
<th>PILLAR IV</th>
<th>PILLAR IV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Promotion of entrepreneurship</td>
<td>Capability development</td>
<td>Growth increase</td>
<td>Opening of funding horizons</td>
<td>Business facilitation</td>
</tr>
</tbody>
</table>

IMPACT

- **83%**: Increase in the number of investments for Saudi startups in Q3 2022 compared to Q3 2021
- **970k**: Small and medium-sized enterprises Q3 of 2022
- **221**: Billion SAR of funding for SMEs for the first two quarters of 2022
- **17,172**: Companies benefited from the Kafaal program by the end of Q3 of 2022 (loan risk guarantee program)
- **9**: New deals with financial institutions with a funding size of 400 million SAR
- **48,000**: Companies benefited from MAZAYA platform (services platform for competitive service prices)

NEXT STEPS

1. Increase the contribution of small and medium enterprises in GDP from 20% to 35% ambition
2. Increase the private sector participation to the GDP from 45% to 60%

Monsha’at and Huawei Tech Investment Saudi Arabia will work together to equip Saudi SMEs with the tools to grow and succeed in the e-commerce space.

Monsha’at and the Saudi Industrial Development Fund (SIDF) signed a cooperation agreement to support SMEs through their programs Afaq and Tomooh. This enables SIDF’s enterprises to benefit from Monsha’at services and programs.

Monsha’at and KAUST have signed an MoU and a membership to the KAUST Industry Collaboration Program (KICP). It will formalize ongoing collaborations while also providing a framework for advancing the entrepreneurship and SME ecosystem in the Kingdom.
2. Institutional Framework and Key Ongoing Initiatives

The Vision 2030 guides the policy framework for the labor market in Saudi Arabia. The Vision targets reducing unemployment to 7% by 2030, with a focus on increasing female labor force participation and implementing measures such as mandatory internships and applied educational programs to align with labor market needs. This policy framework aims to create a dynamic and diversified economy, to increase employment opportunities, and to ensure fair and equal treatment for all workers. The following are some key components of the institutional framework for the labor market in Saudi Arabia.

INSTITUTIONAL FRAMEWORK FOR THE LABOR MARKET IN SAUDI ARABIA

National Strategy for employment
Formulated by the Ministry of Human Resources and Social Development, the strategy aims at increasing labour force participation, improving job quality and productivity, and fostering entrepreneurship and innovation.

Labor Market Strategy
This strategy introduces radical reforms in the labor market in the public and private sectors and aims at increasing the rate of economic participation, raising skills and productivity and improving market efficiency.

Small and Medium Enterprises General Authority (Monsha’at)
Monsha’at supports the SME sector with funding, training, and access to business opportunities, promoting the spirit of entrepreneurship and innovation.

Labor Reform Initiative (LRI)
In November 2020, the Ministry of Human Resources and Social Development (MHRSD) launched the Labor Reform Initiative (LRI) to enhance the relationship between workers and employers and regulate the Exit and Re-Entry Visa issuance for expatriate workers in the private sector.

National Policy to Prevent Child Labor in the Kingdom
In April 2021, the Council of Ministers approved the adoption of the National Policy to Prevent Child Labor in the Kingdom, which aims to provide a safe environment that supports childhood and a society where children enjoy all of their rights. The policy is consistent with the Kingdom’s international obligations under the International Labor Organization Conventions No. 138 and 182. In tandem with the policy, Saudi Arabia has also developed a National Action Plan to Prevent Child Labor in the Kingdom.

ADDITIONAL ONGOING INITIATIVES

National Labor Gateway ‘Taqat’
Launched by the Human Resources Development Fund, the Ministry of Human Resources and Social Development and the Ministry of Civil Service, Taqat facilitates communication between job seekers and employers and provides training opportunities.

Nitaqat Program
This program aims to increase the number of Saudis employed in the private sector by offering incentives to companies that hire them.

Tamweel Portal
Tamweel is an online platform that connects financers from the public and private sectors with SMEs wishing to obtain financing, enabling them to select the right financing options for their businesses.

Innovative initiatives to support SMEs

- The number of SMEs increased from 447,749 in 2016 to 626,669 in 2020.
- SMEs owned by women grew by 16 percentage points, from 22% in 2016 to 38% in 2020.
- KSA ranked 7th for expected job creation in the National Entrepreneurship Contact Index (NECI), to 29th in 2017.
- The total share of SMEs financing loans increased by 6.3 percentage points from 2% in 2016 to 8.3% in 2020.
- The process of establishing integrated e-commerce stores has been simplified to enable start-ups and micro-enterprises to work in e-commerce, 1,000 e-commerce stores were established, with total sales of more than SAR 64 million.
- Moreover, Monsha’at supports the process of establishing companies specialized in funding, activation and encouraging bank and loan fund to assume a more prominent role in investing and funding enterprises, creating and supporting programs to develop projects, and establishment of comprehensive service centers to issue all statutory requirements through in person and virtual participation of public and private stakeholders.

Additionally, the Saudi government has launched several initiatives to promote job creation and economic growth. They include the establishment of the Public Investment Fund, streamlined commercial registration, expanded vocational training, increased foreign investments, and the launch of the National Program for Crafts and Handicrafts, as well as digital transformation efforts led by the Digital Transformation Unit and the Digital Government Authority. To improve health and safety, the National Strategic Program for Occupational Safety has been launched, focusing on legislation and regulations related to occupational safety and health, and fostering cooperation among employers, workers, and their representatives to enhance workplace conditions. Youth unemployment is a challenge, in response to which the government has launched various initiatives such as training programs and apprenticeships to help young people gain the skills and experience needed to enter the workforce. Furthermore, Saudi Arabia has ratified both the ILO Convention No. 95 (Protection of Wages Convention, 1949) and ILO Convention No. 120 (Hygiene (Commerce and Offices) Convention, 1964) on December 7, 2020.

The following are some additional ongoing initiatives in support of the labor market:
launched in 2018, supports SMEs’ growth and development. In 2020, targeted 21 contracts and awarded 20 procurement contracts with a Local Content Requirements Embedment worth SAR 2.23 billion, with a local content impact of SAR 1.16 billion. Since inception, NUSANED™ has created over 6,000 local jobs and significantly contributed to the development of Saudi’s workforce capabilities.

**Women’s Workforce Participation Initiative**

This initiative supports the participation of women in the labor force by promoting a female-friendly work environment, encouraging employers to hire more women, and providing women with the skills and training needed in the workforce.

**Quality of Life Program**

Several initiatives have been launched under this program to foster private sector investment, human capital development, and inclusive growth in the entertainment, sports, and cultural sectors. These initiatives include encouraging investment in the entertainment sector, localizing human capital in the entertainment industry, involving the private sector in the sports sector’s development, and establishing a national cultural fund to support the cultural sector. Additionally, the program focuses on the Saudi program for electronic games, the Saudi Company for Handicrafts, and the Tourism Development Fund. Collectively, these initiatives work towards boosting economic growth, job creation, and enhancing the quality of life for residents through diverse cultural, entertainment, and sports experiences.

### 3. Key Areas for Attention and Next Steps

Several key issues require further attention in this SDG area. Firstly, tackling youth unemployment remains a priority, and concerted efforts will be made to enhance the Human Capability Development Program (HCDP) with targeted initiatives and measures to equip young people with the necessary skills and opportunities for gainful employment. Secondly, the participation of women in the workforce will be further promoted, in line with Vision 2030’s goals to ensure gender equality and equal opportunities in the labor market. Moreover, it is essential to continuously explore innovative approaches to create more and better jobs across various sectors, ensuring quality employment opportunities for the population. This will be achieved through public-private partnerships, investments in emerging technologies, and by fostering entrepreneurship. Also, economic diversification will be further promoted to reduce the reliance on oil revenue. This will include the targeting of promising sectors with high job creation potential, such as renewable energy, tourism, and technology.

Some concrete actions in this area include:

- Developing targeted skill-building and vocational training programs for youth.
- Implementing policies and initiatives that support and encourage women’s participation in the workforce.
- Creating incentives and support structures for businesses and startups in sectors with high job creation potential.
- Further encouraging public-private partnerships to drive investments in emerging technologies and industries, leading to job creation and economic diversification.
- Investing in the development of sustainable industries such as renewable energy, tourism, and technology.
Driven by the key objective of economic diversification, Saudi Arabia has made significant investments in infrastructure and industrial development. The government has extensively promoted innovation in various industries, including a fast digitalization process which is taking place across all sectors. The government has also established various initiatives to support innovation, including funding for research and development, the establishment of technology parks, and the promotion of entrepreneurship.
Central to Saudi Arabia’s sustainable development plans and programs is the economic diversification of the Kingdom’s sources of national income as a way of reducing dependency on revenues from limited sources. This will be achieved by increasing the share of other sectors in the Gross Domestic Product. These sectors include the manufacturing industries, energy, energy-related derivatives, mining, tourism, logistics, and information technology industries.

SDG data suggests that the manufacturing sector has been growing in importance in Saudi Arabia’s economy over the years. The value increased from 12% in 2015 to a peak of 17.58% in 2021, with a slight dip to 13.63% in 2020. There is also an increase in the per capita share of the transformative industries added value over the years, suggesting that the manufacturing sector has been contributing more to individual incomes over time. This increasing added value suggests that manufacturing has become more critical to Saudi Arabia’s economy over time. SDG data also shows a decline in the proportion of small-scale industries in total industry value added from 2016 to 2021. This trend suggests that the country’s industrial landscape is becoming more dominated by larger-scale industries.

Based on UNIDO’s “SDG-9 Industry Index”, which measures the countries’ performance towards achieving the industry-related targets of SDG-9, Saudi Arabia improved its position from 71st rank in 2000 to 47th rank in 2019. This is the result of significant investments by the government in the industrial sector and infrastructure development. The government has introduced various reforms aimed at improving the business environment, including the simplification of procedures for starting a business, the reduction of bureaucracy, and the improvement of access to finance. It is promoting manufacturing and technology sectors, including the establishment of special economic zones and the promotion of foreign investment. It has also invested heavily in infrastructure development, including the construction of airports, ports, and highways, as well as the development of new industrial and tourism zones. The Kingdom is also developing multi-billion dollar tourism and entertainment megaprojects, most notably NEOM, Qiddiya, AMAALA and the Red Sea. The government has also invested in digital infrastructure as a means of improving access to information and communication technologies (ICTs) and has established various initiatives to support innovation, including funding for research and development, the establishment of technology parks, and the promotion of entrepreneurship.
A key objective of Saudi Arabia’s policy framework is to diversify the economy, create jobs, and increase competitiveness. Vision 2030 outlines long-term economic and social goals centered on the development of a diversified, knowledge-based economy and the promotion of innovation. The figure below summarizes the vision for industrialization and innovation.

2. Institutional Framework and Key Ongoing Initiatives

A key objective of Saudi Arabia’s policy framework is to diversify the economy, create jobs, and increase competitiveness. Vision 2030 outlines long-term economic and social goals centered on the development of a diversified, knowledge-based economy and the promotion of innovation. The figure below summarizes the vision for industrialization and innovation.

Key government policy priorities for industrialization and innovation

- Encouraging foreign investment in the country industrial sector, through measures such as tax incentives and investment-friendly regulations.
- Developing industrial clusters and special economic zones, to provide a supportive environment for the growth and development of industry.
- Supporting research and development in key industries, such as advanced manufacturing, petrochemicals, and mining, to promote innovation and competitiveness.
- Encouraging public-private partnerships, to bring together the expertise and resources of the public and private sectors to support industrial development and innovation.
- Increasing foreign investment: The country has attracted significant foreign investment in various sectors, such as tourism, technology, and renewable energy. For example, the government had established several initiatives, such as the Saudi Arabian General Investment Authority (SAGIA), to promote foreign investment in the country.
- Improving the business environment: The government has introduced several measures to improve the business environment, such as the simplification of business regulations and the promotion of entrepreneurship. These measures aim to enhance the competitiveness of the country’s economy and to support the growth of the private sector.
- Promoting the use of technology and digitalization in industry, to improve productivity, efficiency, and competitiveness.

APPLYING THE CONCEPT OF URBAN MANAGEMENT AND URBAN DEVELOPMENT PRIORITIES

SUMMARY

Urban development has been a key factor of Vision 2030 under the responsibility of the Ministry of Municipal and Rural Affairs. Focus has been put towards implementing the New Urban Agenda and Promoting sustainable growth and development. It aims to focus on urban development through three themes:

- Environmentally Sustainable and resilient Urban development
- Social Inclusion
- Sustainable and inclusive urban prosperity and opportunities for all

Applying the concept of urban management and development, under the New urban Agenda, aims to promote housing growth, ease approval of residential plans, provide sustainable and financially feasible housing solutions and increase digitalization of municipal solutions. Finally, through urban management and planning the Kingdom wants to ensure infrastructure accessibility for all.

IMPACT

Multiple projects started under urban management and development resulted in:

- Housing sector growth rate reached 204%
- Home ownership grew to 60% in 2020
- Developed worker’s housing regulations which provided better living conditions
- 70% less in person visits due to the digitalization of municipal and urban services
- The unified e-gate “Baladi” helped to reduce time to approve residential plans from 2 years to 60 days and time to issue licenses to less than 17 days

NEXT STEPS

- Defining next step was done according to Vision 2030 and SDG Agenda, to ensure efforts and put towards the two flagship priorities.
- Vision 2030 and SDG Agenda Targets set for urban development and management:
  - Increasing home ownership to 70%
  - Reach 60% satisfaction with cities cleanliness
  - Developing a sophisticated digital infrastructure to improve urban actions
  - Providing efficient and sustainable public transport
  - Implement a climate adaptation strategy for urban development.
- All programs under new urban agenda need to corporate together to reach sdg and vision 2030 targets.
Saudi Arabia’s Public Investment Fund (PIF) is a key national institution that has contributed to the establishment of vital local companies. Gaining greater autonomy and strategic responsibilities in 2015 under the Council of Economic and Development Affairs (CEDA), PIF now plays a pivotal role in realizing the economic transformation program under Vision 2030. As a global impactful investor, PIF manages a world-class investment portfolio focusing on sustainable investments, both domestically and internationally, and has created 77 companies across 13 strategic sectors, generating over 500,000 direct and indirect jobs. With its mission to maximize sustainable long-term returns and enable the economic development and diversification of the Saudi economy, PIF aims to become a global investment powerhouse and the world's most impactful investor.

In addition to PIF, a range of institutions and policies have been launched by the government in support of Saudi Arabia’s industrial development, investment, and innovations.

**Public Investment Fund**

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In addition to PIF, a range of institutions and policies have been launched by the government in support of Saudi Arabia’s industrial development, investment, and innovations.
National Digital Transformation Strategy
The strategy encompasses a range of government-led initiatives to expand broadband internet coverage, foster new technology development, and stimulate e-commerce growth, aiming to enhance overall ICT accessibility.

National Strategy for Transport and Logistics
Launched in 2021, the strategy seeks to establish Saudi Arabia as a global logistics hub connecting three continents, while upgrading transportation services, fostering integration within the logistics system, and embracing modern transportation methods.

Research Development and Innovation Authority
The entity promotes cutting-edge research, technological advancements, and innovation to drive economic growth and improve the quality of life in Saudi Arabia.

King Abdulaziz City for Science and Technology (KACST)
KACST promotes research and development in science and technology and supports the development of new technologies and innovations.

The Kingdom ranked 1st in the world for 5G internet speed in 2020. More than 12,000 5G towers have been deployed covering more than 60% of major cities and more than 45% of all cities.

In addition to the institutional framework described above, the government has launched several initiatives to develop the industry, improve the infrastructure, and promote innovations. The following are a few examples.

National Technology Development Program
Contributes to the Kingdom’s technology ecosystem by promoting sustainable growth through various interventions and support mechanisms, working alongside other stakeholders to enhance enablers that drive tech market growth and position the Kingdom as a regional hub for innovation and investment in the sector.

Invest in Saudi
Platform was launched as one of the most prominent marketing channels to introduce the investment environment and the competitive advantages of the Kingdom. It operates as a unified platform for all sectors to promote and market investment opportunities to the international business community.

The Kingdom’s Broadband Network

<table>
<thead>
<tr>
<th>Urban Areas covered with FTTH</th>
<th>Remote Areas covered with high-speed wireless broadband networks</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
</tr>
<tr>
<td>135th</td>
<td>Top 10</td>
</tr>
<tr>
<td>2017</td>
<td>2023</td>
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</table>

Q-tech Program
Launched by the Digital Government Authority in October 2021, the program seeks to advance digital transformation in the Kingdom’s government sector by fostering human capabilities and skills through collaborations with the Saudi Digital Academy, the Future Skills Program, and top international universities like MIT and Columbia Business School, offering multiple tracks including digital leadership, digital skills, professional and electronic training, and an elite track.

Build & Employ National Abilities (BENA)
The Program is an initiative deployed by Saudi Electricity Company to localize suppliers in the utilities’ domain.

Garage Initiative
This joint effort by KACST, the Ministry of Communications and Information Technology (MCIT), and the Saudi Federation for Cyber Security, Programming, and Drones (SAFCSIP), serves as a collaborative innovation hub supporting deep-tech entrepreneurs through incubation programs, investment facilitation, and grants, fostering an environment that attracts top talent and propels the Kingdom’s entrepreneurial ecosystem and technological progress.

Maeen Network
Founded by KACST in 2010, the Saudi Research and Innovation Network, is a specialized infrastructure facility that bridges the gap between research and innovative institutes in the Kingdom, along with their international counterparts using high-speed backbone network and provides facility infrastructure. Maeen Network is an enabler to achieve better engagement and collaboration with the global research sector, higher development, and expeditious innovation.

In-Kingdom Total Value Add (IKTVA)
The Program aims to increase the localization of industrial production and reduce the country’s dependence on imports.

Upskilling Initiatives for Saudi Talent
Saudi Arabia has invested in upskilling initiatives to boost domestic talent with a focus on enhancing digital skills and future competencies. Key programs include the development of Tuwaiq Camp 1000, the implementation of the Future Skills initiative, which offers intensive training in digital fields like communication technology, information security, and data science, and the Tech Entrepreneurship Support Initiative, aimed at reducing risks for IT entrepreneurs. Additionally, the Saudi Digital Library has been developed to facilitate research publication, while the Technology Development Financing Initiative provides financial guarantees of up to SAR15 million to support the growth of tech startups and SMEs.
A key example of industrial parks is the PlasChem Park, a world-class industrial park in Jubail Industrial City II and a significant part of Saudi Arabia’s industrial strategy. It is designed to foster the Kingdom’s entrepreneurial ecosystem and attract private sector and foreign investment in research and development. The park is set to become a hub for innovation, with support for the creation of a thriving startup community. It aims to be the go-to destination for local and international audiences interested in exploring and participating in this ecosystem.

The following are some key steps for the way forward:

- Enhance human capital development by providing skill enhancement programs, research and development opportunities, and fostering a culture of innovation.
- Attract private sector and foreign investment in research and development to boost the growth of key industries and sectors.
- Support small and medium-sized enterprises by offering access to resources, mentorship, and incubation programs, such as the Garage Initiative.
- Strengthen the overall support ecosystem for startups by facilitating access to funding, market opportunities.
- Develop and expand technology parks and innovation centers as hubs for research, development, and acceleration of startups to provide a supportive environment for entrepreneurs, researchers, and innovators.
- Continue to invest in infrastructure development, including digital infrastructure, to improve access to information and communication technologies and enable the growth of the digital economy.
- Invest in upskilling initiatives for Saudi talent, with a focus on enhancing digital skills and future competencies, to support the growth of the digital economy and technology sectors.
- Encourage collaboration between academic institutions, research centers, and industry partners to accelerate innovation and drive economic growth across various sectors.

**Industrial Clusters Program**

This program is a government initiative designed to stimulate the growth and development of five key industries in Saudi Arabia, including the manufacture of cars and their parts, metals and steel, solar energy, plastic and packaging materials, and home appliances. Supervised by the Ministry of Trade and Industry and the Ministry of Petroleum and Mineral Resources, this program aims to diversify the Kingdom’s sources of income and create distinct job opportunities for both male and female citizens.

**Saudi Incubators, Accelerators and Technology Parks**

This is a network of business incubators, accelerators, co-working spaces, and other stakeholders focused on fostering the Kingdom’s entrepreneurial ecosystem. The network aims to be the go-to destination for local and international audiences interested in exploring and participating in this ecosystem. Its mission is to create an impactful, sustainable, and empowering entrepreneurial community. Furthermore, Saudi Arabia has made significant progress in developing technology parks and innovation centers, which serve as hubs for research, development, incubation, and acceleration of startups. These centers provide a supportive environment for entrepreneurs, researchers, and innovators, helping to cultivate a culture of innovation throughout the country.

A key example of industrial parks is the PlasChem Park, a world-class industrial park in Jubail Industrial City II for chemical and conversion industries utilizing Sadara’s products and other raw materials. The twelve square kilometer site, adjacent to Sadara’s manufacturing complex, will feature two sections: the Chemical Park and the Conversion Park. These parks, along with other industries, are located in or near various regions of Saudi Arabia, including the Conversion Park in Jazan, which will feature two sections: the Chemical Park and the Conversion Park. The twelve square kilometer site, adjacent to Sadara’s manufacturing complex, will feature two sections: the Chemical Park and the Conversion Park. PlasChem tenants, such as Baker Hughes and SADIG-ILCO, will receive feedstock through Sadara’s waste by the Veolia Project.

**3. Key Areas for Attention and Next Steps**

The focus of public policy in the years ahead will be on further strengthening the efforts towards industrial and infrastructure development and innovation. The focus will be on expanding human capital development, particularly in skills enhancement, research and development, and fostering a culture of innovation. Moreover, the government will continue to attract private sector and foreign investment in research and development. Emphasis will be placed on increasing value-added per capita and employment opportunities in various sectors, such as manufacturing, energy, mining, tourism, logistics, and information technology. Innovation will be promoted by encouraging collaboration, investing in research and development, providing companies with access to resources and mentorship, and cultivating a culture of creativity and exploration. Furthermore, support will be provided to small and medium-sized enterprises through schemes such as the Garage Initiative with the goal of creating a thriving startup community.
Saudi Arabia has demonstrated significant progress in the areas of social inclusion and ending poverty, access to adequate housing and access to basic services. Under the Vision 2030 and the National Transformation Program, the government has taken steps to reduce income inequality, particularly through social safety nets and poverty reduction programs.
1. General Situation

Saudi Arabia has made significant contributions towards the achievement of SDG 10 by implementing a number of initiatives to promote economic growth and reduce poverty. The government has committed to upgrading existing programs and establishing new initiatives in the areas of social insurance, social safety nets and labor market support programs. Saudi Arabia has achieved near universal access when it comes to public services such as education, healthcare, electricity, water and sanitation. Low-income households and other vulnerable groups are provided with social protection services and opportunities to improve their standard of living. The government provides subsidies and financing options to help low-income families access affordable and sustainable housing. Efforts are underway to introduce new technologies for more efficient and effective service delivery as well as to shift towards more sustainable and cost-effective models.

The data for the labor share of GDP shows an increase from 40.6% in 2018 to 49.2% in 2020, a trend that indicates a growing share of the country’s economic output being attributed to labor, which has positive implications for income distribution, living standards, and the balance between labor and capital in the economy.
From 2015 to 2021, the capital adequacy ratio in Saudi Arabia increased from 18.1% to 19.9%, showing a growth in banks’ financial stability and resilience to risks during this period. Liquid assets to the total assets ratio increased from 17.5% in 2015 to 24.7% in 2021, indicating improved liquidity in the banking sector. Liquid assets to short-term liabilities ratio increased from 27.3% in 2015 to 41.3% in 2021, suggesting enhanced liquidity and the ability to meet short-term obligations. Overall, the banking sector has demonstrated improved financial stability, resilience, and liquidity.

In view of the importance of human rights, human rights departments have been established in the Ministry of Foreign Affairs, Ministry of Interior, Ministry of Justice, Presidency of State Security and other official bodies. Additionally, the Kingdom has launched the Women’s Rights Observatory to monitor progress and established a Human Rights Training Center. Moreover, the government has intensified its efforts to strengthen the role of civil society. The Kingdom has made widespread changes to its laws and regulations to address systemic discrimination and ensure accountability for human rights abuses. For example, the country has passed laws that criminalize discrimination and hate speech. Over the past few years, Saudi Arabia has ratified several international conventions and launching numerous initiatives. In 2018, the Saudi Arabia ratified the Convention on the Rights of Persons with Disabilities and the Convention on the Elimination of All Forms of Discrimination Against Women. The government has also launched several initiatives to promote awareness and compliance with human rights principles, such as the Saudi Human Rights Network.

The box below summarizes key social protection measures introduced by the Saudi Government in support of the needy and vulnerable layers of the society.

### Measures taken by the Saudi government to reduce inequalities

| Programs to support small and medium sizes enterprises (SMEs) and encourage inclusive economic growth. | Investment in infrastructure and transportation projects to improve connectivity and accessibility, reduce regional disparities and increase economic opportunities. |
| Initiatives to increase access to finance for small and medium enterprises (SMEs) and entrepreneurs. | Measures to promote the right of workers and improve working conditions, including the introduction of a minimum wage. |
| Measures to improve the education and training system with the aim of increasing employability and reducing the skills gap. | Measures to address discrimination against marginalized groups, such as migrant workers, and to ensure their right are protected. |

### 2. Institutional Framework and Key Ongoing Initiatives

Saudi Arabia has taken important steps to strengthen human rights. The Saudi Human Rights Commission is the government agency tasked with to protect and promote human rights in accordance with international human rights standards in all fields, spread awareness of it and contribute to ensuring its application in light of the provisions of Islamic Law. The Commission has been granted broad powers to perform its duties independently and freely.

#### Saudi Human Rights Commission

Among the Saudi efforts to preserve human rights in the Kingdom is the establishment of an independent human rights body, the Human Rights Commission, directly linked to the Prime Minister, which is mandated to protect and promote human rights in accordance with international human rights standards in all fields, to ensure that the concerned government agencies implement the regulations in force with regard to human right, to detect abuses that violate the regulations in force in the Kingdom that constitute a violation of human right, and to take the necessary legal measures in this regard.

12 The Human Rights Commission was established under the “Regulation of the Human Rights Commission” issued by Cabinet Resolution No. (207) dated 8/8/1426 AH.
The government has also launched an array of initiatives, programs and centers which provide people with disabilities and the elderly with preventive and social services are provided in the family and social environment. In addition, support programs provide financial subsidies and specific medical devices for people with disabilities. The Authority for the Care of Persons with Disabilities was established in 2018 with the aim of ensuring that persons with disabilities obtain their rights and have full access to enhanced services provided by the authorities. The “Quality of Life” Program’s initiative “Developing Paralympic Sports” aims to promote the full participation of persons with disabilities in sports activities in Saudi Arabia. This is achieved by supporting sports federations and clubs, raising national awareness, and improving training quality. The initiative also focuses on preparing clubs and facilities to meet the needs of elite athletes with disabilities, with the ultimate goal of competing in the Paralympic Games.

Launched in January 2022 by the Authority of People with Disabilities and the Ministry of Human Resources and Social Development, the “Training and Employment for People with Disabilities” project is a key initiative. As of May 2023, the project has trained 1221 disabled job seekers and increased the employment rate for people with disabilities from 7.7% to 12.4%, working towards a target of 80% job placement and sustainability.

Support for Persons with Disabilities

People with disabilities in Saudi Arabia are eligible for support from the government through various programs and services. Some of these include:

- **General Organization for Social Insurances (GOSI)**: provides a monthly pension to eligible individuals with disabilities.
- **Ministry of Labor and Social Development**: provides vocational training and job placement services for people with disabilities.
- **King Abdulaziz Center for National Dialogue**: provides funding for organizations that support people with disabilities.
- **King Salman Center for Disability Research**: conducts research to improve the lives of people with disabilities and provides financial assistance for treatment and rehabilitation.

### ADDITIONAL INITIATIVES IN SUPPORT OF VULNERABLE LAYERS OF THE SOCIETY

The following are additional initiatives in support of vulnerable layers of the society.

#### National Strategy for Youth

Embody a unified vision endorsed by all stakeholders dedicated to youth development in Saudi Arabia. It establishes a supportive environment for addressing youth priorities during a defined period. This strategy serves as a comprehensive framework for youth development, outlining national goals, priorities, and policies that empower young people to take an active role in shaping their present and future.

#### Labor Reform Initiative (LRI)

Launched in November 2020 by the Ministry of Human Resources and Social Development (MHRSD), the initiative enhances the relationship between workers and employers and regulate the Exit and Re-Entry Visa issuance for expatriate workers in the private sector.

#### National Policy to Prevent Child Labor

The policy provides a safe environment that supports childhood and a society where children enjoy all their rights.

#### National Policy for Occupational Safety and Health

Developed by the Ministry of Human Resources and Social Development (MHRSD), the policy creates a safe and healthy working environment for all workers, including Saudi nationals and expatriate workers.

#### ILO Protocol on Forced Labor

In May 2021, Saudi Arabia ratified the ILO Protocol on Forced Labor (P.29), becoming the 52nd country worldwide and the first among GCC states to ratify this instrument. Through it, the country committed to take effective measures to prevent forced labour, sanction its perpetrators, and protect its victims and ensure their access to justice and remedies.

#### Housing Program (Sakani)

The Development Housing Program, part of the Sakani initiative, collaborates with the non-profit sector to address the housing needs of underprivileged families. By attracting private investment, it aims for long-term stability and sustainability. The program is involved in rehabilitating over 350 residential communities across Saudi Arabia. Sakani offers various housing solutions, allowing eligible citizens to choose suitable options through simple steps. The program focuses on providing housing, financing solutions, and improving the first-time home buying experience. The Sakani platform serves as a digital hub for housing-related services and products, enabling users to explore available units and designs. The Sakani Comprehensive Center connects clients with real estate developers, sales and financing agencies, and housing services.

#### ROSHN

is a flagship project that aims to increase homeownership levels by delivering hundreds of thousands of residential units across the Kingdom, including areas like Riyadh, Makkah, Aseer, and the Eastern Region. With a plan to develop over 395,000 units on more than 181 sqkm of land, ROSHN will create complete townships encompassing retail, entertainment, and workspace, hosting over 2 million residents. By 2030, the project is expected to contribute over 212 billion SAR to the nation’s GDP and create more than 101,000 direct jobs. ROSHN’s mission aligns with the housing program's goal of raising homeownership among Saudi citizens to 70% by 2030.
3. Key Areas for Attention and Next Steps

In the next few years, the Saudi government will further its efforts on social inclusion. Particular emphasis will be placed on fine-tuning social protection measures to ensure better targeting of those in need and further reducing disparities in social services, especially in rural and remote communities. Further efforts will be made on expanding and improving programs and initiatives to provide assistance to people with disabilities, the elderly, and other vulnerable groups, ensuring their full inclusion and access to essential services. Also, the focus will be on expanding and improving homeownership levels, create more residential units, and provide affordable housing options for low-income families and vulnerable populations. Fostering youth engagement and empowerment through education, skill development, and employment opportunities will be another key area of engagement. Furthermore, the Kingdom will continue its engagement with international and regional human rights mechanisms.

SDG 10 REDUCES INEQUALITIES:
SAUDI HUMAN RESOURCES DEVELOPMENT FUND

SUMMARY

The Human Resources Development Fund (HRDF) was established in 2000 and falls under the Saudi Ministry of Human Resources and Social Development (MHRSD). It aims to establish a mechanism to contribute to building a productive, sustainable, and qualified Saudi workforce. It also aims to raise the skills of Saudi citizens to enable them to contribute to the development of the national economy.

Vision: Productive and adaptive national human resources
Mission: To develop and increase the employability of the national human resources through high-impact interventions offered in partnership with the key labor market stakeholders.

HRDF program examples

Qurrah: A program aiming to increase the percentage of Saudi women working in the private sector and contribute to the stability of Saudi women in their jobs through provision of centers for nurseries and daycare for children.

Wusool: A transportation program for working women aiming to enable women to work in the private sector and help them to overcome transportation difficulties to and from the workplace.

IN-DEPTH CASE
Significant efforts have been made recently to promote inclusive, safe, and resilient cities in Saudi Arabia. The country has made progress in urban development - improving urban planning and infrastructure, promoting sustainable housing, protecting heritage sites, and enhancing the resilience of cities and settlements against natural disasters. The government has launched several initiatives to improve urban planning and infrastructure, promote sustainable transportation, and enhance the management of waste and natural resources.
1. General Situation

SDG data (figure below) shows a significant increase in spending, particularly for cultural heritage, reflecting the government’s commitment to preserving and promoting the country’s unique heritage resources.

The data also shows a significant decrease in both deaths and injuries due to disasters from 2015 to 2019.

This decline indicates an improvement in disaster management and response, as well as the possible implementation of effective policies and infrastructure to mitigate the impact of disasters on the population.

SDG data also shows that from 2015 to 2019, the percentage of economic loss due to disasters has decreased.
2. Institutional Framework and Key Ongoing Initiatives

As part of Vision 2030, the Kingdom has launched a series of large-scale projects aimed at reimagining all aspects of urban development. Urban development in the Kingdom is underpinned by the National Urban Development Strategy, which promotes sustainable urban development by improving urban planning, governance and management. The strategy prioritizes measures that enhance the resilience of cities, reduce environmental pollution and promote socio-economic integration. The “Quality of Life” Program addresses aspects like cultural heritage preservation, housing development, municipal services, and urban beautification. The program aims to create sustainable, modern communities that improve residents’ well-being, promote cultural preservation, environmental friendliness, and foster tourism development. In 2022, Saudi Arabia issued the King Salman Charter for Architecture and Urbanism, which serves as a strategic foundation for urbanization and the future of architecture. It also sets forth a design methodology that highlights Saudi Arabia’s history and culture on one hand while also serving as a guide for decision-makers, specialists, and those interested in architecture and urbanism, on the other hand. The King Salman Center for Local Governance (CLG), which is affiliated with Prince Sultan University, conducts research and studies, advisory services, conducts events and designs specialized management training courses for management. The Center runs the King Salman Award for Local Governance in the Arab World in cooperation with the Arab Development Administrative Organization, as well as hosting special projects such as the Saudi Government Digital Map. The Center is the first think tank in the Kingdom specialized in local governance and is recognized as the first non-profit research center that combines theory and practice.

Launching the Municipal Investment Portal FORAS

FORAS is a communication channel between municipalities and investors which has registered more than 23,000 investors and reduced the requirements for investor visits by 90%.

During the period 2019-2022, the government has established several royal commissions in areas of strategic importance, including for religious, culture and heritage and industrial purposes. The government has invested heavily in urban development, including infrastructure components such as transportation, waste management, housing, and healthcare. To improve urban mobility, the government has focused on improving public transportation and investing in metro systems, bus networks, and bike lanes. The government has launched several initiatives that promote sustainable transportation, such as metro systems, bus networks, and bike lanes, and reduce the use of personal vehicles, improve accessibility and mobility in cities, and improve the efficiency of transportation. The Kingdom has developed the metro and bus network in Riyadh, Jeddah and Dammam, which will provide significant sustainability, environmental and public health benefits. The government has expanded the King Khalid International Airport in Riyadh and has started the construction of metro in Riyadh, which is in the process of becoming operational. The newly built Riyadh metro and bus network will save thousands of car journeys and liters of fuel daily. In addition, Saudi Railway network will be expanded to connect major cities and ports which will result in reductions in traffic and GHG emissions.
The overall livability of cities. The Saudi cities Al-Ahsa and Buraidah have joined the UNESCO Creative Cities network as creative cities of architecture and design, walkways, and recreational areas, with the aim of promoting healthy and active lifestyles, as well as improving their competitiveness and potential. These investments include the creation of green spaces, pedestrian walkways, and recreational areas, with the aim of promoting healthy and active lifestyles, as well as improving the overall livability of cities. The Saudi cities Al-Ahsa and Buraidah have joined the UNESCO Creative Cities Network (UCCN).15 The government has also invested in the development of smart cities, such as the King Abdullah Economic City and the Prince Mohammad Bin Salman smart city, which aim to provide sustainable and livable urban environments. The government has promoted various smart city technologies to improve urban living and enhance the quality of life. Some examples are provided in the figure below.

Smart City Technologies

**Smart Lighting**
Smart lighting systems have been installed in public areas to optimize energy usage and improve public safety.

**Smart Transport**
The country has invested in smart transport solutions such as Intelligent Transportation Systems (ITS) to manage traffic flow and reduce congestion.

**Smart Buildings**
The adoption of smart building technologies, such as building management systems, has improved building efficiency and enhance the comfort of building occupants.

**Smart Healthcare**
The government is promoting the use of technology to improve the delivery of healthcare services, such as telemedicine and electronic health records.

**Smart Energy**
The deployment of smart energy systems, such as smart grids and renewable energy solutions, has improved energy efficiency.

Furthermore, transparency in urban planning has improved significantly, with the public participating in urban planning projects. According to the 2019 figures from the Ministry of Municipal Rural Affairs and Housing (MOMRAH), the percentage of municipalities with a structured, participatory framework that engages the general public directly in urban planning and management is 99.6%. This shows the potential of engaging all population segments in the planning process in Saudi Arabia. As a means to ensure freedom of participation and to provide an opportunity for individuals to weigh in on important issues, the government has created the “Your Voice Is Heard” service. The portal, established by the Ministry of Human Resources and Social Development, enabled the general public, including experts, stakeholder groups and those with a direct interest in a topic, to communicate with the government by sharing their ideas via a variety of social media platforms which are integrated into their electronic portal.14

To accommodate its growing population, Saudi Arabia has made housing a long-term priority of the Kingdom. As outlined in the previous sections of this report, the government has introduced financing modalities for building and purchasing homes. Vision 2030 includes the Housing Program 2030 which aims to increase Saudi home ownership to 70% by the end of 2030 and to provide 75,000 developmental housing units (2021 to 2030). The program targets the most vulnerable and is implemented with the Saudi Housing NGOs. As of April 2022, there were 10.3 million beneficiaries/ followers, while the total amount that the program has paid to the beneficiaries since its inception is more than SAR 116 billion.17 Furthermore, the government has introduced green building standards to encourage the construction of energy-efficient and environmentally friendly buildings and the adoption of renewable energy solutions, such as solar panels.

**ACHIEVEMENTS OF THE HOUSING ASSISTANCE PROGRAM**

- The process for citizens to access real estate was streamlined
  - Waiting period reduced from 15 years to zero
- Supply and demand were boosted within the program
  - Housing options increased
- Home ownership rate increased
  - From 47% in 2017 to 60% in 2020

The government has also invested in strengthening the resilience of communities, particularly in the face of natural disasters and the impacts of climate change. For example, the government has established early warning systems and emergency response mechanisms to prepare for and respond to natural disasters, such as floods and earthquakes. The government has also taken steps to reduce greenhouse gas (GHG) emissions, by promoting energy-efficient buildings, and increasing the use of renewable energy. The management of water resources has improved through the construction of desalination plants, ensuring a sustainable supply of water for Saudi communities. The government also established the Regional Center for Early Warning of Dust Storms which provides accessibility to forecasts and other relevant information. The initiative is part of the establishment of two other regional centers: the Regional Center for Climate Change and the Regional Program for Cloud Rainfall.

13 More than 300 cities around the world are part of this network and work together towards a common objective: placing creativity and cultural industries at the heart of their development plans at the local level and cooperating actively at the international level.
15 Ibid.
The cultural sector in the Kingdom contributes to economic growth, strengthening the Kingdom’s international status and preserving its identity. It supports: visual, theatrical, musical, architectural and literary arts.

A stand-alone Ministry for Culture was established in June 2018 to promote the Kingdom’s culture and heritage. In 2020, 11 independent cultural bodies were established:

- Heritage Commission
- Fashion Commission
- Film Commission
- Visual Arts Commission
- Jessica Commission
- Libraries Commission
- Museums Commission
- Theater and Performing Arts Commission
- Literature, Publishing & Translation Commission
- Architecture and Design Commission
- Culinary Arts Commission

The government has adopted several policies to protect cultural heritage sites, which are considered an important part of the country’s history and identity. The government has enacted laws to protect heritage sites and regulate construction and development activities in and around these sites and has funded archaeological excavations and restoration projects to preserve heritage sites and maintain their historical significance. The “National Heritage and Culture Program” is designed to preserve the country’s cultural and historical heritage, including traditional architecture, handicrafts, and cultural landmarks. The “Historic Preservation Law” provides legal protection for historic sites and buildings, ensuring that they are preserved and protected for future generations. The Department of Culture in the Ministry of Culture, sponsors cultural programs, including literary and drama clubs, folklore classes, library events, arts and crafts as well as science projects. Six Saudi sites are listed by the United Nations Educational, Scientific and Cultural Organization (UNESCO), as part of the world’s historical heritage, and 11 elements are inscribed on the lists of intangible cultural heritage (2003 Convention for the Safeguarding of Intangible Cultural Heritage).

THE KINGDOM’S CULTURAL HERITAGE

The six sites listed in the World Heritage List (1972 World Heritage Convention) include:

- Hira Archaeological Site (Arafat / Mada in Saudi Arabia)
- As-Sufah District in Al-Dir’iyah
- Historic Jeddah, the Gate to Makkah
- Book Art in the Hail Region of Saudi Arabia
- Al-Mina Oasis, an Evolving Cultural Landscape
- Hira Cultural Area

The eleven elements inscribed on the lists of intangible cultural heritage (2003 Convention for the Safeguarding of Intangible Cultural Heritage) include:

- Oral and intangible traditions of censing camel flocks
- Date palm knowledge, skills, traditions and practices
- Knowledge and practices related to cultivating Khozair coffee beans
- Arabic calligraphy knowledge, skills and practices
- Falasariving, human heritage
- Traditional weaving of Al-Sabt
- Al Qatif Al Aarif, female traditional interior wall decoration in Al Aarif
- Almamur, drumming and dancing with sticks
- Alardah Alnajdyah, dance, drumming and poetry in Saudi Arabia
- Arabic coffee a symbol of generosity
- Makha, a cultural and social space
- Knowledge and practices related to cultivating Khawlani coffee beans
- Almezmar, drumming and dancing with sticks
- Alharthy, oral traditions of censing camel flocks

The government has also invested in the development of sustainable tourism programs to promote heritage sites as tourist destinations while ensuring their protection. The National Tourism Strategy seeks to achieve the goals related to sustainable tourism development, within the framework stipulated by Vision 2030. The roles of the Ministry of Tourism, the Tourism Development Fund, and the Saudi Tourism Authority are integrated to implement the national tourism strategy and achieve the sector’s ambitions and goals.

Higher Number of National Heritage Sites open to visitors

- The Kingdom’s regions are increasing the number of heritage sites open to visitors.
  - From 241 sites in 2017 to 354 in 2020
- The number of intangible cultural heritage elements registered with UNESCO has increased.
  - From 3 before Vision 2030, there are 8 registered now
- Heritage buildings were revitalized in the old market area of the Incense (Bakhoor) Trade Route through the renovation of mud houses and community participation.
- The Old Town Market now contains 31 shops
- There was an increase in the number of urban heritage sites registered in the National Cultural Heritage Register.
  - From only 400 in 2016 to 1,000 in 2020
- Heritage sites were open through the development of world-class operations, performance and visitor experiences.
- Sites open in AlUla, Al-Hijr, Dedan, and Jabal Ilkmah
SDG 11: Sustainable Cities and Communities
The Quality of Life Program

**SUMMARY**
Launched in 8 the program focuses on the improvement quality of life by providing necessary environment and enhancing participation and inclusion of citizens and expatriates in cultural, sports and entertainment activities.

**IMPACT**
Selected achievements include

**Entertainment:**
- Launched the entertainment events schedule
- Organized local and community sport event, championship, and competitions
- Hosted distinguished international sports events

**Sports:**
- Hosted distinguished international sports events
- Organized local and community sport event, championship, and competitions
- Launched training and development programs for sports talents and collaborated with elite specialized sports institutes

**Heritage, culture and arts:**
- Organized event, exhibitions, and cultural activities
- Enhanced international cultural participation
- Established regional museums
- Qualified numerous archaeological sites to accommodate visitors in all regions including in Aljof, Jubba, Aishuwaimes in Hail, Jazan, Tarmaa, and sites in Al-Ahsa and Riyadh
- Established arts academies
- Registered Saudi sites at UNESCO as world heritage sites
- Facilitated investment in cultural sector

**Urban Design:**
- Developed workers housing regulations
- Expedited access to city services through communication technology
- Classification program for city service providers and contractors to insure buildings against hidden defects, launched a classification program for city service providers and contractors to insure buildings against hidden defects
- Issued updated regulations for the use of municipal real estate and limited visual pollution that affects total urban development
- Launched the municipal investments “Furais”
- Issue updated regulations for the use of municipal real estate and allowing naming and sponsorship rights by investors
- Improved project management developed services by obliging contractors to insure buildings against hidden defects, launched a classification program for city service providers and contractors to insure buildings against hidden defects
- Issued updated regulations for the use of municipal real estate and limited visual pollution that affects total urban development

**Tourism:**
- Launched the “visited Saudi” marketing campaign
- Launched a package for products services, and campaigns to promote tourism in the kingdom
- Launched the tourist visa on a dedicated platform, with full integration and connectivity with related agencies
- Developed human resource in the tourism sector by nationalizing leadership and Specialized positions in the tourist accommodation sector, launched a scholarship Program in tourism
- Empowered the private sector to invest in tourism sector to invest in the tourism sector by facilitating procedures and supporting financing. The outcome has been the issuance of more than a hundred licenses around the kingdom and supporting leading to over 67 projects worth over SR 200 million

**Sports:**
- Launched numerous skills training programs
- Facilitated private sector investment through contracts with Saudi banks
- Opened and operating over 1,000 educational and entertainment neighborhoods sites

**Financial sustainability (private sector enablement/public investment):**
- Launched the entertainment events schedule
- Issued updated regulations for the use of municipal real estate and limited visual pollution that affects total urban development
- Launched the municipal investments “Furais”
- Issued updated regulations for the use of municipal real estate and allowing naming and sponsorship rights by investors
- Developed workers housing regulations

**Urban Design:**
- Developed workers housing regulations
- Expedited access to city services through communication technology
- Classification program for city service providers and contractors to insure buildings against hidden defects, launched a classification program for city service providers and contractors to insure buildings against hidden defects
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**Next Steps**
Providing high quality of life to the inhabitants and visitors of the Kingdom of Saudi Arabia and seeking to have three Saudi cities listed in the top 100 cities in the world

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**ADDITIONAL CULTURAL INITIATIVES**

**King Salman International Complex for the Arabic Language**
The complex promotes Arab cultural identity by supporting research in, and new applications of, the Arabic language. Established in September 2020, it aims to become a global point reference by publishing and protecting the Arabic language, supporting its research and contributing to the modern linguistic applications of the language.

**National Cultural the awards Initiative**
The Awards celebrate media and community leaders and the cultural achievements of individuals, groups and institutions in various cultural sectors. It is the largest initiative of its kind aimed at promoting cultural content and production, in addition to providing material and moral support to winners.

**Masraya (Mirrors) Concert Hall**
The building is cubic with a width of 100m and height of 25m, with a mixed-use area of over 25,000 m². In March 2020, the building entered the Guinness Book of World Records as the largest mirror-covered building in the world.

**Film Infrastructure**
Designed to enhance and support local talent discovery, the initiative has produced 45 Saudi films gaining the Kingdom the second place in the Middle East in terms of ticket sales. The new Film Talent Development Program provides training courses and workshops in a variety of film-making disciplines in cooperation with the world's top universities and scientific institutions.

**Jeddah Season**
Jeddah Season is an annual cultural event that showcases the city's vibrant arts and cultural scene through a series of concerts, festivals, and exhibitions.

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3. Key Areas for Attention and Next Steps

Significant progress has been made in promoting sustainable development practices in Saudi cities, but there are opportunities for further improvement and growth. The government is committed to further invest efforts and resources in these areas, which include enhancing participatory planning, enhancing the regulatory framework, and boosting technical capabilities among local and central government officials. The Ministry of Municipal and Rural Affairs (MOMRAH) notes that 99.6% of municipalities already have a structured participatory framework for urban planning, providing a strong foundation for increased public involvement. Recent legislative and policy changes showcase a commitment to creating inclusive, sustainable urban environments, and ongoing refinement will continue to address any remaining barriers. Furthermore, investing in the technical expertise of local government and ministry officials will empower them to plan, design, and implement development projects more effectively.

The following are some key steps for the way forward:

- Enhance the implementation of existing participatory frameworks to ensure increased public involvement in urban planning and management processes.
- Continuously review legislation and policies to better promote inclusive, sustainable urban environments.
- Invest in capacity-building programs to equip local government and ministry officials with the necessary technical skills to plan, design, and implement development projects more effectively.
- Foster collaboration between government agencies, the private sector, and local communities to ensure a holistic and inclusive approach to sustainable urban development.

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Saudi Arabia has promoted sustainable consumption and production practices, particularly in the areas of waste management and resource efficiency. The government has made significant progress in promoting the use of renewable energy sources, particularly solar energy, and has implemented several initiatives to improve energy efficiency in buildings and industries.
SDG data shows that in 2020, Saudi Arabia generated 76,000 tons of hazardous waste, and all of it was treated using various methods. The country is effectively managing its hazardous waste, which is crucial for ensuring environmental sustainability and protecting human health. The data also shows that the number of companies publishing sustainability reports in Saudi Arabia has consistently increased from 2015 to 2021, reflecting a growing emphasis on sustainable development and corporate responsibility. The substantial growth between 2020 and 2021 highlights the rising importance of sustainability reporting and demonstrates a commitment to transparency and accountability in the corporate sector.

whereas 100% of student assessments incorporate sustainable development-related knowledge and skills. This indicates a strong commitment to integrating sustainable development principles into the education system, ensuring that students are exposed to these concepts and learn about their importance in creating a sustainable future. It also indicates that the education system in Saudi Arabia is not only teaching sustainable development principles but also assessing students' understanding and application of these concepts.

Saudi Arabia has taken important steps to improve its sustainability and waste management practices. The government has established several waste-to-energy plants, and has launched recycling initiatives aimed at reducing the amount of waste generated in cities. The municipalities are making huge efforts to collect and reduce solid waste within the cities. Companies such as SABIC, Aramco, Ma’aden, and the National Water Company are implementing sustainability practices. SABIC, for instance, has taken a leading role in the use of recycled plastic, helping to reduce waste and conserve resources. Companies develop corporate sustainable plans, including initiatives to reduce waste, increase efficiency and promote sustainability. The government has also promoted sustainable tourism, by investing in eco-tourism initiatives, such as protected areas and national parks, and promoting sustainable practices among tourism businesses. The country is also working to improve the efficiency of its supply chains, by promoting sustainable sourcing practices, reducing waste, and increasing the use of environmentally friendly products and services. The government is encouraging businesses to adopt sustainable practices, and is providing support and incentives to help companies transition to more sustainable business models.
2. Institutional Framework and Key Ongoing Initiatives

Saudi Arabia has established several institutions and policies to promote responsible consumption and production. The following are some key initiatives.

The National Center for Waste Management (MWAN) has issued regulations, endorsed by the Council of Ministers, which provide the legal framework for sustainable and environmentally responsible waste management in the Kingdom. Another important initiative is the Comprehensive Strategy for Waste Management, developed by the Royal Commission for Riyadh Development, which addressed waste management in the city of Riyadh, and provides a roadmap for improving waste management practices.

Establishment of the Saudi Investment Recycling Company (SIRC)

SIRC was established to develop the recycling sector in the Kingdom. It has opened the first construction and demolition waste treatment plant in Riyadh with a designed capacity between 1,200 and 1,800 tons per hour.

Integrated Strategy for Waste Management in Riyadh City

Economic growth in Riyadh has led to widespread development including demolition, construction, and excavation. This has led to an increase in the amount of waste material being produced. To respond to this, a comprehensive strategy for waste management in Riyadh was developed by the Higher Committee for Environmental Protection. The strategy will result in the development of an integrated system for the management and recycling of construction and demolition waste among other forms of waste. This initiative is a collaboration between Riyadh Municipality, the National Waste Management Center and the Saudi Investment Recycling Company. The aim is to recycle 47% of their construction and demolition waste and 81% of annually produced municipal solid waste by 2035. To facilitate this, new technologies will be introduced to allow waste to be reused in different forms including fertilizers, papers, plastics, metals and so on. In 2019, the mayor of Riyadh launched an experiment in several neighborhoods to replace single bins in households with double bins to separate inorganic and organic materials and to cut down on waste that directly goes to the landfill. Currently, there is only one landfill operating in the city, where efforts are now underway to improve efficiency by sorting debris and disposing of it systematically.

The National Center for Waste Management (MWAN) has been established to regulate and oversee waste management activities while encouraging investment in the sector and granting licenses and permits to service providers, such as those for recycling. With the goal of recycling 35% of all waste types by 2035, the center also seeks to manage non-recyclable waste through the production of alternative fuels or energy generation. The government has also adopted a waste management strategy to help reduce waste.

The Saudi Investment Recycling Company was established to manage the local waste management sector by investing in projects that increase conversion rates and recycling operations. By forming partnerships with private sector companies specializing in this field, SIRC aims to elevate the Kingdom’s environmental standards to the highest international levels, covering all types of recyclable materials throughout the Kingdom and the entire value chain. The company’s primary objective is to foster a circular economy by maximizing the value of waste materials while minimizing the environmental impact associated with waste generation and disposal, through activities such as waste collection, sorting, processing, recycling, and developing waste-to-energy projects.

SABIC has launched the TRUCIRCLE™ portfolio which offers its customers circular solutions that span design for recyclability, mechanically recycled products, certified circular products from feedstock recycling of used plastics and certified renewables products from bio-based feedstock. SABIC targets one million metric tons of TRUCIRCLE™ solutions by 2030, reaffirming its commitment to the circular carbon economy.

3. Key Areas for Attention and Next Steps

The main challenges in food loss and waste management in the Kingdom involve the high volume of food loss and waste, inadequate food recycling practices, and the need for increased adoption of modern technologies to mitigate waste. Addressing these challenges is essential for enhancing food sustainability and reducing environmental impact. There is a need to emphasize waste separation at the source, recycling of food waste, and repurposing of building materials waste. It will also be important to promote sustainable consumption and production practices, particularly in the industrial and agricultural sectors. Lastly, further attention is required for the integration of climate change and ecosystem protection in public policies, plans, and programs.

The following are some key steps for the way forward:

- Educate the public and businesses about food loss and waste reduction, promoting responsible consumption habits and waste management practices.
- Strengthen the circular economy framework and expand it to all regions and sectors, focusing on holistic circular solutions to promote resource efficiency and reduce waste.
- Incentivize the adoption of sustainable production and consumption practices, particularly in the agricultural and industrial sectors, to reduce environmental impact.
- Ensure that climate change mitigation and ecosystem protection measures are further incorporated into public policies, plans, and programs across all levels of government.

Sadara, a Saudi chemicals company, has implemented a reuse program to assess the feasibility of repurposing waste materials within its facility, such as wooden pallets, metal drums, and jumbo bags, in conjunction with dedicated recycling programs for wastewater, oily water, hydrocarbon liquids, solid waste, paper, plastic, and electronic waste. The primary goal of these strategies is to reduce and eliminate waste, ultimately minimizing environmental impact and conserving energy. In 2022, approximately 50% of the total generated waste in Sadara was recycled, yielding impressive recycling records. As a result, Sadara saved around SAR 22 million in disposal costs and generated over SAR 930,000 in revenue from recycling activities. Furthermore, the company exceeded its target of a 2.5% reduction in material effectiveness intensity, showcasing its commitment to sustainable waste management.

Furthermore, the Saudi government has adopted policies and regulations aimed at reducing the use of hazardous chemicals and promoting the use of environmentally friendly products. For instance, the government has established a program for the assessment and management of chemicals, with the goal of reducing their impacts on human health and the environment. Furthermore, Saudi Arabia has ratified several international multilateral environmental agreements related to hazardous substances, including the Basel Convention, the Stockholm Convention, the Rotterdam Convention, and the Minamata Convention.
SDG 12 - RESPONSIBLE CONSUMPTION AND PRODUCTION: THE SAUDI INVESTMENT RECYCLING COMPANY (SIRC)

SUMMARY

The Saudi Investment Recycling Company (SIC) is a wholly owned subsidiary of the Public Investment Fund (PIF) of Saudi Arabia. It was founded to develop, own, operate, and finance various activities across all waste types to establish recycling capacities in the Kingdom and build a circular economy for a sustainable future.

IMPACT

- 16 million tons of construction and demolition materials recycled in 2022, achieving new record.
- 600,000 tons of industrial waste recycled and treated in 2022.
- SIRC signed a MoU with SABIC to set up first chemical recycling plant converting mixed plastic waste into recycled feedstock.

NEXT STEPS

- SIC is to reduce waste landfill from 100% in 2021 to effectively zero percent by 2035.
- SAR 120 billion will be invested in Saudi Arabia’s circular economy between now and 2035.
- Aim to recycle 400,000 tonnes of bio-waste annually.

SIRC aims to inject investments estimated at SAR 4 billion over 15 years to achieve a 94% exclusion rate of landfills and achieve environmental, economic, and social sustainability with the participation of the private sector.

Through its achievements, SIC will help meet and exceed the objectives of the Vision 2030 and support the success of various initiatives identified by the revised Waste Management National Regulatory Framework.
As a leading global energy producer, Saudi Arabia is committed to advancing the global fight against climate change. Since the launch of Vision 2030, tremendous progress has been made in addressing Saudi Arabia’s unique environmental challenges. Saudi Arabia is spearheading far-reaching, tailored action and is proud to play a key role in leading multilateral institutions for a more sustainable global future. The Kingdom plays a major role in multilateral institutions, including the United Nations Framework Convention on Climate Change (UNFCCC) and the Paris Agreement.
1. General Situation

Saudi Arabia's data for SDG indicator 13.1.1 (below) shows a general decrease in the number of deaths and injuries due to disasters between 2015 and 2019. The data also shows that the number of male injuries and fatalities was consistently higher than the number of female injuries across all years.

2. Institutional Framework and Key Ongoing Initiatives

Saudi Arabia has taken major steps to address climate change and reduce its greenhouse gas (GHG) emissions. Saudi Arabia's flagship climate change initiative is the Saudi Green Initiative (SGI). Launched in 2021, SGI unites environmental protection, energy transition and sustainability programs with the overarching aims of offsetting and reducing emissions, increasing the Kingdom's use of clean energy and addressing climate change.

The ambition of SGI is to catalyze and implement a sustainable long-term climate action plan for the Kingdom. With ambitious plans, three key targets and whole-of-society action, SGI is a leap forward within Saudi Arabia's ambition to become a global leader in forging a greener future.

SGI is steering the implementation of a sustainable long-term climate action plan. Ambitious initiatives are being implemented across Saudi Arabia to combat the impacts of climate change and create a cleaner, greener future for all. These include implementing comprehensive energy efficiency programs, making significant investments in clean hydrogen and renewable energy sources, and developing cutting-edge carbon capture technology.

Saudi Green Initiative Vision

- **Circular carbon economy**
  - The Circular Carbon Economy (CCE) framework is an integrated, inclusive and pragmatic approach to managing emissions. To date, Saudi Arabia has implemented more than 30 CC initiatives across the energy system, enabling climate action while bolstering growth.

- **Investment in the green transition**
  - Saudi Arabia believes it is possible to achieve a responsible transition to net zero. Without compromising on economic development, the Kingdom will generate investment, jobs and opportunities to benefit millions of people.

- **Global collaboration**
  - Knowledge-sharing and international cooperation is essential in the race against climate change. Saudi Arabia is actively scaling up cross-border efforts to help create a more sustainable future.

- **Whole-of-society action**
  - Energy transition, land protection and afforestation are important components of climate action. But a shared vision and determination are essential for success. The Saudi Green Initiative is a whole-of-society ambition that is activating public and private sectors and enabling citizens to achieve ambitious national targets.

SGI takes a whole-of-society and whole-of-government approach to reach its emissions reduction goals. Key elements of this approach are shown in the figure below.

To deliver the Kingdom of Saudi Arabia's sustainability goals, SGI strives to:

- **Overview and unite all of Saudi Arabia's work to combat climate change under one umbrella, with clearly defined goals.**
- **Combine the efforts of the government and private sector, identifying and supporting opportunities for collaboration and innovation.**
- **Grow the green economy: the first wave of more than 60 initiatives announced under SGI in 2021 represented an investment of over SAR 700 billion.**
- **Accelerate the green transition and be a global leader in the implementation of the Circular Carbon Economy approach.**
- **Improve quality of life and protect the environment for the benefit of future generations in Saudi Arabia.**

Three overarching targets guide SGI’s work: emissions reduction, afforestation, and land and sea protection. Since the launch of SGI in 2021, 77 initiatives have been activated, with further progress to be achieved in years two and beyond. The first wave of more than 60 initiatives announced in 2021 represented over SAR 700 billion of investments, contributing to the growth of the green economy. In 2022, 17 new environment-focused initiatives were launched. More initiatives will be launched in the coming years, scaling up Saudi Arabia’s ambition to create a green future.

SGI’s climate-related target is to reduce Saudi Arabia’s carbon emissions by 278 mtpa of CO2eq by 2030. This number is about twice the goal of 130 million tons presented in Saudi Arabia’s previous Nationally Determined Contributions (NDC) report. The Kingdom has committed to have 50% of its power generated from renewable sources by 2030, with the year 2019 designated as the base year. Beyond a domestic energy mix transformation, SGI is steering a range of ambitious initiatives that will reduce emissions. These include investing in new energy sources, improving energy efficiency, and developing a carbon capture and storage program.

The figure below shows the results Saudi Arabia has already achieved in the area of climate change action and emissions reductions.

Reducing emissions is essential in the fight against climate change

**EFFORTS ACROSS THE KINGDOM ARE ALREADY HAVING A POSITIVE IMPACT.**

- **150,000** Homes powered by clean energy
- **700** MW Renewable energy capacity connected to the grid
- **11.4** GW Renewable energy capacity under development
- **13** New renewable energy projects announced in 2022
As part of SGI, various entities and organizations across Saudi Arabia help to scale up national climate action and create new initiatives. SGI’s efforts to engage stakeholders across the private and public sectors is crucial to meet climate goals. These stakeholders are carefully selected to ensure that their goals and ambitions align with the overall cause that SGI is championing. Two focused committees, the Energy and Climate Change Committee and the Environment Committee, oversee the implementation of initiatives against the targets. They also rally the public and private sector ecosystems to ensure coordination and that all efforts uphold the highest international standards.

Key Climate Change Stakeholders

Under the SGI framework, the Kingdom is developing and implementing holistic and harmonized programs, policies, initiatives, and collaboration platforms to address climate change challenges at the national, regional and global scale. They include the Circular Carbon Economy National Program (described in the previous section of this report), the National Renewable Energy Program, and the Saudi Energy Efficiency Program. The Kingdom is also a member and active participant of major international initiatives such as Global Methane Initiative, Mission Innovation, Clean Energy Ministerial, and Net-Zero Producers Forum. Saudi Arabia has also been actively participating in international climate change negotiations, including the United Nations Framework Convention on Climate Change (UNFCCC). The country has ratified the Paris Agreement and has committed to enhancing its domestic climate action in line with the agreement’s goals.

Saudi Arabia has set a target of reducing, avoiding and removing emissions by 278 million tons of CO₂eq per annum by 2030 and has pledged to reach net-zero emissions by 2060 through the Circular Carbon Economy approach14. The government is investing in technologies for reducing emissions, including carbon capture and storage technologies, as well as energy efficiency and renewable energy initiatives. The Kingdom has also joined the Global Methane Pledge to contribute to cutting global methane emissions by 30 percent by 203015.

156

Saudi Arabia’s Role in International Climate Change Initiative

Voluntary Carbon Market initiative (VCM) - The Public Investment Fund (PIF) recently conducted the largest-ever carbon credit sale, auctioning 1.4 million tons of carbon credits during the 6th Edition of the Future Investment Initiative in Riyadh. This initiative aligns with PIF’s efforts to support Saudi Arabia’s green agenda, including completing a $3 billion inaugural green bond and leading successful projects to develop 70% of the nation’s renewable energy capacity in line with Vision 2030. Fifteen Saudi and regional entities, including Aramco, Olayan Financing Company, and Ma’aden, participated in the auction, purchasing high-quality, CORSIA-compliant and Verra-registered carbon credits. The auction supports businesses in various industries as they contribute to the global transition to net-zero, aiming for meaningful emission reductions.

Other climate change mitigation initiatives include the National Transport & Logistics Strategy, which focuses on climate-adaptive transportation strategies, plans, and policies; the National Environmental Strategy, which integrates climate adaptation into all national strategies and aims to raise environmental compliance and reduce pollution; the establishment of one of the world’s largest Carbon Capture and Storage (CCS) hubs in Jubail City, targeting a capacity of 44 million tons of CO₂ by 2035, with a joint development agreement between Saudi Aramco, SLB, and Linde aiming to store up to 9 million tons of CO₂ per year by 2027; the Green Bond and Financing Framework, which supports climate action projects; the Net Zero Producers Forum, a collaborative platform for oil and gas-producing countries to develop net-zero strategies; and Mission Innovation, a global initiative to accelerate public and private clean energy innovation.

The Kingdom is an active participant in major international initiatives, engaging in global cooperation to advance climate solutions. This includes efforts under the United Nations Framework Convention on Climate Change (UNFCCC). The country has ratified the Paris Agreement and has committed to enhancing its domestic climate action in line with the agreement’s goals.
3. Key Areas for Attention and Next Steps

Key areas of attention under SDG 13 include reducing greenhouse gas emissions, increasing clean energy usage, and adapting to climate change. The Saudi Green Initiative (SGI) unites environmental protection, energy transition, and sustainability programs with targets for emissions reduction, afforestation, and land and sea protection. Efforts will concentrate on the implementation of the Circular Carbon Economy approach across sectors. Investing in carbon capture and storage technologies, energy efficiency, and renewable energy initiatives will be crucial. The country will also focus on climate-adaptive transportation strategies, environmental compliance, and pollution reduction, while supporting climate action projects through green bonds and financing frameworks. Finally, participation in global initiatives like the Net Zero Producers Forum and Mission Innovation will further advance Saudi Arabia's climate change mitigation efforts.

The following are some key steps for the way forward:

- Expanding renewable energy capacity on the basis of the SGI vision, which includes investments in solar, wind, and other renewable energy projects to achieve the target of generating 50% of power from renewable sources by 2030.
- Implementing energy efficiency programs to enhance energy efficiency across all sectors, including industry, transportation, and residential, to reduce energy consumption and greenhouse gas emissions.
- Developing carbon capture and storage (CCS) technologies to advance and scale up CCS projects, such as the one in Jubail City, to capture and store significant amounts of CO2 and reduce overall emissions.
- Developing direct air capture (DAC) technologies to advance and scale up emissions removals.
- Promoting green financing by utilize instruments such as the green bonds and financing frameworks to fund sustainable and climate action projects.
- Advancing climate-adaptive transportation strategies by implementing sustainable transportation initiatives, such as promoting electric vehicles, enhancing public transportation, and encouraging eco-friendly urban planning.
- Enhancing international collaboration by launching the Middle East Green Initiative and actively participate in global initiatives, such as the Net Zero Producers Forum and Mission Innovation, to share knowledge and cooperate with other countries in addressing climate change challenges.
- Supporting afforestation and land/sea protection by implementing large-scale afforestation initiatives and protect ecosystems by conserving land and marine areas to enhance biodiversity and support carbon sequestration.
- Engaging stakeholders in a whole-of-society approach by fostering collaboration between the public and private sectors to ensure coordinated efforts and unified goals in addressing climate change and achieving a greener future.

In the words of HRH Mohammed bin Salman, Crown Prince and Prime Minister of Saudi Arabia: "We are ushering in a new green era for the region; in which we are collectively leading and reaping its fruits, in our joint belief that the effects of climate change are not limited to the natural environment only, but also to the economy and security of our nations".

**IMPACT**

- Introduction of the Circular Carbon Economy (CCE) framework as an integrated, inclusive, and pragmatic approach to managing emissions.
- >30 CC Initiatives across the energy system implemented
- 60 Initiatives were launched to boost the transition towards green economy, generate green investment, jobs, and opportunities.

**NEXT STEPS**

**Reducing Emissions**

- Net Zero is reached by 2060
- 278 MTPA NPC goal to reduce CO2 emissions is reached in 2030

**Greening Saudi**

- Rehabilitate 40 million hectares
- Protecting Land and Sea
- 30% land and sea under protection to provide habitats for indigenous flora and fauna

**In 2022:**

- 13 new renewable energy projects announced
- 11.4GW of renewable energy capacity is under development
- 18 million trees planted
- 70MM$W of renewable energy capacity connected to the grid
- 60,000 hectares of land rehabilitated
- 1200+ animals rewilded
- 250,000 shrubs cultivated in AI Ula’s nurseries
- 150,000 homes were powered by clean energy
- USD 25 million invested to preserving the leopard
- 66,000 km² of land remains under protection
Saudi Arabia has made efforts to protect its marine and coastal ecosystems, including measures to address the impacts of pollution and overfishing. The government has prioritized the establishment of marine protected areas and has promoted sustainable fishing practices.
1. General Situation

SDG data shows that Saudi Arabia has maintained fish stocks within biologically sustainable levels over the period of 2017-2020. This progress is crucial to the health of marine ecosystems, the sustainability of fishing industries, and the livelihoods of those who depend on them. In the period 2020-2021, the area of marine protected areas increased to 12,216 square kilometers, with the percentage of marine protected areas rising to 5.5%, which indicates progress in marine conservation efforts.

Saudi Arabia recognizes the importance of preserving its coastal and marine ecosystems and has taken steps to conserve its marine resources and reduce the impacts of human activities on the marine environment. The Saudi Green Initiative (SGI), Saudi Arabia’s flagship climate change and environmental protection initiative includes measures for the protection of seas and coastal areas. One of the three major SGI targets is to protect 30% of Saudi Arabia’s land and sea by providing habitats for indigenous flora and fauna and ensuring that humanity continues to thrive in harmony with nature. Working in partnership with internationally leading biodiversity protection organizations such as the IUCN, this ambitious target will ensure that abundant wildlife and pristine landscapes will continue to define the natural ecosystem in the Kingdom.

In terms of environmental regulation, Saudi Arabia recently revised its framework by introducing the General Order for Environment in July 2020, which serves as the country’s national environmental law. This law is supported by a new set of executive bylaws covering a wide range of environmental elements, such as air quality, marine protection, and waste management. The framework established by the law and its bylaws is comprehensive and allows the Ministry of Environment, Water, and Agriculture, along with its supporting environmental centers, to control pollution and preserve the environment while also meeting international obligations under Multilateral Environmental Agreements.

The Kingdom is implementing coastal management strategies that are designed to reduce coastal erosion, increase the sinks for blue carbon, maintain related ecosystems and address the threats that climate change poses for marine livelihoods. The government has promoted the planting of mangrove seedlings along its coasts. In addition, the Kingdom has strengthened the coral reef restoration program throughout the northwestern Arabian Gulf. Saudi Arabia’s new generation coral reef restoration technologies accelerator aims to develop innovative technologies that enhance the thermal resilience of coral reefs and provide cost-effective options to scale up reef restoration by bringing together national stakeholders. Several studies were conducted to estimate the outtake of mangroves and other blue carbons for the Red Sea and the Arabian Gulf.

Another key initiative undertaken by the government is the establishment of Marine Protected Areas (MPAs). These MPAs are designed to conserve the country’s coastal and marine ecosystems and to preserve the biodiversity of its marine resources. Additionally, the government has also been implementing regulations and policies to reduce the impacts of activities such as fishing and oil and gas production on the marine environment. The National Center for Environmental Compliance has bolstered the Kingdom’s emergency preparedness by conducting 10 environmental disaster simulations over the last two years, training about 4000 individuals, and achieving the Middle East’s peak oil spill response capacity of approximately 75,000 barrels.

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The Kingdom’s Red Sea coast is home to some of the most resilient coral reefs on the planet. A Red Sea Research Center has been established at the King Abdullah University of Science and Technology. Furthermore, in partnership with King Abdullah University of Science and Technology (KAUST), the Red Sea Development Company (TRSDC) is laying the foundation for a sustainable tourism destination and leading the way in conserving and maintaining its pristine marine biodiversity. Furthermore, the Kingdom’s marine and coastal protected areas were expanded through the designation of the archipelago of Juzur Farasan as Biosphere Reserve by UNESCO in 2021.

Aquaculture has been practiced in the KSA for the last three decades as a sustainable method of supplying seafood in response to growing demand. This practice has overtaken traditional fishing methods in the previous decade, increasing exponentially since 2013. Aquaculture is expected to be the primary source of the KSA’s seafood supply. The Saudi government has developed a National Fisheries Development Program which aims to attract $4 billion in local and international investments for Saudi Arabia’s fishing industry, with an initial focus on researching the seafood sector’s potential. Additionally, the program seeks to enhance aquaculture facilities, increase production capacity, and foster 100 Saudi citizens as aquaculture leaders. Furthermore, the King Faisal University has established a Fisheries Research Center. Also, a Faculty of Marine Science has been established at the King Abdulaziz University.

Saudi Arabia is encouraging eco-tourism initiatives that promote sustainable tourism practices and reduce the impacts of tourism on the marine environment. Moreover, the country has also been investing in research and development in the area of ocean conservation and sustainable use. For example, the King Abdullah University of Science and Technology (KAUST) has research programs focused on sustainable ocean management. The government is actively engaging with other nations and organizations to exchange best practices and share knowledge and expertise.

The Kingdom has acceded to the Convention for the Conservation and Management of Straddling Fish Stocks and Highly Migratory Fish Stocks. Saudi Arabia is in process of accession to the Port State Measures Agreement to Prevent, Deter and Eliminate the Illegal, Unreported and Unregulated Fishing (IUU) and its detrimental effect on fish stocks, marine ecosystems and the livelihoods of legitimate fishers, and the increasing need for food security on a global basis. The Kingdom is also in the process of adopting new regulations regarding “Guidelines in Operations and Management of Fish Auction Halls”. These new regulations shall apply to fish auction halls and all fish shops (wholesale or retail) located within public food market. This will cover pots-harvest activities which include handling, processing, storage and transport of fish and other fishery products being sold in the public market and are intended for human consumption. Saudi Arabia is also working with international organizations to address shared challenges and achieve common goals in the field of marine conservation and sustainable ocean management. This includes participating in international initiatives and agreements, such as the Convention on Biological Diversity and the Intergovernmental Oceanographic Commission, and collaborating with other nations on issues such as marine pollution and the sustainable use of ocean resources.

3. Key Areas for Attention and Next Steps

Key areas of attention under SDG 14 include the conservation and protection of marine and coastal ecosystems, establishment and expansion of marine protected areas, and promotion of sustainable fishing practices. Additionally, there will be greater focus on sustainable aquaculture development, fostering eco-tourism initiatives, enhancing marine research and development, and actively engaging with international organizations and agreements to address shared challenges and achieve common goals in marine conservation and sustainable ocean management.

Another area of attention for Saudi Arabia is the development of fisheries management plans and support for small-scale artisanal fishermen. Emphasizing integrated coastal zone management and adopting an ecosystem-based approach presents a valuable opportunity to develop coastal urban areas and infrastructure while simultaneously reducing land-based pollution sources.
Saudi Arabia has taken important steps to protect its biodiversity, including measures to restore and promote the sustainable use of terrestrial ecosystems, forests, and wildlife. In addition, Saudi Arabia has made significant progress in addressing the challenges posed by desertification and land degradation, which are major threats to the country’s terrestrial ecosystems and biodiversity.
1. General Situation

In 2021, the forest area in Saudi Arabia was 2 million hectares, which represented 1.1% of the total land area in the country. This relatively low percentage is not surprising given Saudi Arabia’s predominantly arid climate and desert landscape.

Saudi Arabia has made significant progress in the protection of biodiversity. 15 sanctuaries have already been created to protect critically endangered species and promote biodiversity managed by the National Center for Wildlife. Between 2017 and 2020, the proportion of land under protected natural areas increased from 4.56 to 16.21%. Additionally, Riyadh which is leading the way in sustainable development solutions, is currently in the process of planting more than 7.5 million trees across the city and increasing the amount of green space per capita from 1.7 to 28 m².

Increasing the percentage of green areas in the Kingdom

Implementation of sustainable initiatives and programs, including:

- Rehabilitation of more than 37 million m² of parks and green spaces, planting more than 14 million trees and flower beds, and increasing public spaces and squares to 4.09 m² per capita.
- Launch of advanced digital platforms and applications for use in the agriculture sector, increasing work efficiency and facilitating services demand, including the “Zerai Platform”, “Agricultural Unions” and “Murshadik”.

Establishment of five specialized environmental centers

The centers, announced in March 2019, are transforming the Kingdom’s approaches to their respective fields. The centers are:

- The national center for vegetation cover and combating desertification
- The national center for environmental compliance
- The national center for metrology
- The national center management center
- The national center of wildlife

Establishment of seven royal natural reserves

Seven royal natural reserves covering 13.7% of the Kingdom were established, under the Council of Royal Reserves in 2018, to preserve plant and animal species.

Turnout of about 2 million visitors to national parks was reported by the Ministry of Environment, Water and Agriculture for 2022. The highest number of visitors was reported in King Abdulaziz National Park.
**TREE PLANTING PROVIDES NUMEROUS SOCIAL AND ECONOMIC BENEFITS**

**EFFORTS ACROSS THE KINGDOM ARE ALREADY HAVING A POSITIVE IMPACT**

<table>
<thead>
<tr>
<th>Million</th>
<th>60,000</th>
<th>250,000</th>
<th>62</th>
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</thead>
<tbody>
<tr>
<td>Trees planted in 2022</td>
<td>Hectares</td>
<td>Shrubs</td>
<td>Sites</td>
</tr>
</tbody>
</table>

The figure below shows the results Saudi Arabia has already achieved in the area of biodiversity protection.²²

**PROTECTING LAND AND SEA WILL SUPPORT SAUDI’S DIVERSE FLORA AND FAUNA**

**EFFORTS ACROSS THE KINGDOM ARE ALREADY HAVING A POSITIVE IMPACT**

<table>
<thead>
<tr>
<th>66,000 km²</th>
<th>$25 Million</th>
<th>1,200+</th>
<th>6,693 km²</th>
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<tbody>
<tr>
<td>Of land and sea currently protected</td>
<td>Dedicated to preserving the Arabian leopard</td>
<td>Animals rewilded in 2022</td>
<td>‘No-take’ Marine Protected Area to be established on Red Sea coast</td>
</tr>
</tbody>
</table>

SDG data shows that the proportion of degraded land over the total land area stands at about 70%, which highlights the need for more efforts on implementing sustainable land management practices and restoring degraded land. Further, the extent of green cover in the country’s mountain areas has not changed significantly during this period, emphasizing the importance of ongoing conservation and restoration efforts.

²¹ From the SGI website.
²² From the SGI website.
The following are some key steps for the way forward:

- Expanding afforestation and reforestation efforts, by planting of 10 billion trees and rehabilitating 40 million hectares of land under the Saudi Green Initiative.
- Establishing and expanding protected areas by creating and strengthening protected areas to preserve critical habitats, supporting endangered species, and achieving the goal of protecting 30% of Saudi Arabia’s terrestrial and marine areas by 2030.
- Implementing sustainable land management practices to address desertification and land degradation by promoting sustainable agriculture, water-saving technologies, and improved land-use practices.
- Strengthening further the institutional framework for environmental protection.
- Raising public awareness and fostering environmental sustainability.
- Developing sustainable tourism by encouraging responsible tourism practices, developing eco-friendly tourism products, and promoting sustainable tourism to support biodiversity conservation and the sustainable use of natural resources.
Saudi Arabia has taken steps to promote peace and stability, including efforts to improve human rights and access to justice. The government has introduced policies and initiatives, including improvements in data availability, to improve transparency and accountability in the public sector. The government has promoted social dialogue, especially engagement with the civil society.
1. General Situation

An important aspect of Saudi Arabia’s efforts to achieve SDG 16 has been its work to enhance government performance, accountability, and transparency, as well as to promote civic engagement and public participation in decision-making processes. In addition, Saudi Arabia has strengthened integrity in public institutions and private sector organizations through measures to enhance anti-corruption and promote ethical behavior and business practices. As a result, Saudi Arabia has advanced 8 rankings from 83 to 75 in the World Bank’s Government Effectiveness Index in the past five years. The Kingdom has achieved remarkable progress in the development of e-Government. The UN e-Government Index (EGDI) shows that the Kingdom’s rank has jumped from 52 in 2018 to 43 in 2020 and 31 in 2022. In addition, the Kingdom’s rank in the e-Participation index has advanced from 66 in 2020 to 43 in 2022. SDG data shows a shift towards more inclusive and gender-balanced institutions, with an overall increase in positions, particularly for females in the 25-34 age group, and an increase in the number of employed persons with disabilities from 2015 to 2020.

The government has promoted the social dialogue, including the annual fora organized by the Ministry of Human Resources and Social Development, King Abdulaziz Center for National Dialogue, representatives of employers and workers, and other relevant parties, with the aim to discussing labor market issues and challenges and producing participatory recommendations on how to address decent work deficits in the Kingdom. The last (12th) Social Dialogue forum took place in January 2023 and was entitled: “Mechanisms to support the labor market: between opportunities and challenges”.

SDG 16 PEACE, JUSTICE AND STRONG INSTITUTIONS: Nazaha’s Global Program on Measuring Corruption

SUMMARY

The Oversight and Anti-Corruption Authority (NAZAHA) exercises international oversight and fights corruption while gathering data and compiling statistics. Its role is to coordinate efforts in the monitoring of corruption across the public and private sectors at home and abroad.

The project is intended to enhance country’s understanding of the extent and trends related to corruption.

The completion of the framework is planned for December 2023, with pilot implementation in volunteering countries by mid-2024.

IN-DEPTH CASE

KSA advancement in the Corruption Perceptions Index

After promoting the value of transparency in government work by measuring the performance of public agencies including ministries, government agencies and funds, the Kingdom advanced in the Corruption Perceptions Index from the 57th position in 2017 to 32nd in 2020.

An electronic system for collecting government revenues

Developing a collection method for non-oil state revenues using state-of-the-art modern technology to facilitate the collection of state revenues, preserve public money, and increase revenue. The system links to the SADAD system and government agencies. The system assists in collecting all government revenues, allowing beneficiaries to pay government fees through multiple payment methods with ease and provides data for more efficient analysis and tracking. It has been linked to over 400 government agencies.

IMPACT

<table>
<thead>
<tr>
<th>Percentage (%)</th>
<th>No. of reports</th>
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</thead>
<tbody>
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<tr>
<td>2</td>
<td>713</td>
<td>Fax</td>
</tr>
<tr>
<td>100</td>
<td>43,162</td>
<td>Total</td>
</tr>
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</table>

Vast majority of reports filed in to date represent case of bribery and abuse power.

Total number of reports for 2022 fell down by 30% in relation to the previous year.

Next steps

The completion of the framework is planned for December 2023, with pilot implementation in volunteering countries by mid-2024.
2. Institutional Framework and Key Ongoing Initiatives

Saudi Arabia has made considerable progress in enhancing the capacity of public institutions and organizations to respond to the needs and expectations of the society and communities. The government has introduced several reforms in the public sector, such as the implementation of a new system of government procurement, the introduction of a new payroll system, and the modernization of the public services sector. These reforms have improved the efficiency and transparency of the public sector and have enhanced the delivery of public services to citizens.

Nazaha, Saudi Arabia’s Oversight and Anti-Corruption Authority, is actively implementing various initiatives to combat corruption such as monitoring government services, enhancing governance, promoting accountability, engaging with private and international sectors, and implementing assessment programs. Other initiatives involve revising the legal framework, raising awareness, building capacity, supervising student clubs, and contributing to international efforts, such as the Makkah Al Mukarramah Convention and the International Partnership against Corruption in Sports. Nazaha’s recommended amendments to the Anti-Bribery Law led to a Royal Decree criminalizing the bribery of foreign public officials, and a dedicated department has been established to combat such offenses. Furthermore, the Authority for Spending Efficiency and Government Projects was established to enhance the efficiency of government agencies in planning and optimal use of resources.

The Ministry of Justice (MoJ) has initiated the Administrative Support and Organization at Courts Project to revamp court administration through procedural restructuring, organizational charts, job descriptions, and a standard operational model, with the aim of increasing productivity, reducing the volume of lawsuits and dates, revamping court administration through procedural restructuring, organizational charts, job descriptions, and a standard operational model, with the aim of increasing productivity, reducing the volume of lawsuits and dates.

E-Litigation Project was launched by the Ministry of Justice to digitalize enforcement into judicially supervised e-services, save for direct judicial interventions, through department centralization and procedure automation, enhancing service quality, operational efficiency, and case handling capacity while reducing case influx. Moreover, the Administrative Support and Organization of Courts Project was launched to streamline court procedures, bolster operational efficiency, and improve the client experience.

Integrated Notarization System was launched by the Ministry of Justice to focus on the full digitization of the notarial system, including powers of attorney, declarations, probate certifications, charts, and property notarizations. In addition, it automates all administrative and ICT operations supporting the notarial system, and facilitates the preparation of statistical reports supporting decision making, enhancing real estate security and improving legal notarization. In addition, the Digitization of Property Title Archive Project was launched to digitize all real estate property documents.

3. Key Areas for Attention and Next Steps

An important aspect of Saudi Arabia’s governance system will be the enhancement of the efficiency and transparency of public institutions. Fostering a culture of integrity and ethical behavior will be achieved by developing and implementing comprehensive national strategies that protect integrity in both public institutions and private sector organizations while promoting ethical business practices. Government performance, accountability, and transparency will be enhanced through initiatives such as Nazaha, the National Digital Government Strategy, e-government, and the modernization of public services. Ensuring efficient use of resources in government projects will be promoted by strengthening the role of the Authority for Spending Efficiency and Government Projects.

Attention will be paid to further enhancing access to justice and legal services for all by supporting the Ministry of Justice in expanding Legal Service Centers, promoting the E-Litigation Project, and implementing the Integrated Notarization System.

The following are some key steps for the way forward:

- Further improve access to justice and legal services through measures such as expanding Legal Service Centers, promoting the E-Litigation Project, and implementing the Integrated Notarization System.
- Continue efforts to improve government transparency and efficiency through ongoing initiatives such as the National Digital Government Strategy and e-government initiatives to streamline interactions between the government, citizens, and businesses.
- Further support and strengthen the capacity of Nazaha to investigate and prosecute corruption cases, and continue refining the legal framework to address all forms of corruption.
- Further promote civic engagement and public participation by using existing social dialogue fora and by establishing additional platforms for citizens to contribute to institutional processes.
- Further the culture of integrity and ethical behavior in public institutions and private sector organizations by promoting ethical business practices, and raising awareness on the importance of ethical conduct.
- Leverage technology for social and economic development by improving access to information and communications technology, digital literacy, and skills development in order to empower citizens and drive social and economic progress.
Saudi Arabia has developed partnerships to achieve the SDGs, including collaboration with international organizations and other countries. The Kingdom has strengthened its participation in international development cooperation and assistance efforts. As a member of G20, Saudi Arabia has played a significant role in shaping global economic and environmental policies and decisions.
1. General Situation

SDG data suggests that Saudi Arabia has been diversifying its revenue sources, particularly by increasing taxes on goods and services. The data also indicates an increasing emphasis on domestic tax revenue for financing the country’s domestic budget, suggesting a shift towards greater fiscal self-reliance.

Saudi Arabia’s Total Development Assistance has increased over time, with the highest value in 2021 at 44.99 billion USD and the lowest in 2017 at 17.54 billion USD. The proportion of total Development Assistance to the national budget increased between 2015 and 2021, from 3.5% to 4.43%. The data reveals that the volume of remittances in Saudi Arabia as a proportion of GDP experienced fluctuations between 2015 and 2021. Nevertheless, these contributions have been significant, standing at a level of 5% of GDP. The cost of debt services as a percentage of GDP has increased between 2016 and 2020, with a drop in 2021.

The fixed internet broadband subscription data indicates an increasing trend in recent years, with a growing percentage of the population gaining access to high-speed internet services. The SDG data shows a steady increase in the proportion of people using the internet, particularly among individuals aged 15 years and above.
Saudi Arabia has a long history of providing humanitarian aid and development assistance to low- and middle-income countries. Saudi Arabia’s many charitable and humanitarian initiatives, guided by its Islamic principles, are a testament to its unwavering dedication to international development. The Kingdom of Saudi Arabia has been for many years among the world’s most generous donors. In 2022, the Kingdom was ranked the 8th globally in terms of humanitarian assistance according to the UNOCHA Financial Tracking Service (UNTFSS). According to the Development Assistance Committee of the Organization of the Economic Cooperation Development (OECD-DAC), in 2021, the Kingdom was ranked the first donor globally in providing Official Development Assistance (10.5%) of its Gross National Income.

Saudi Arabia participates actively in international development cooperation and assistance efforts through financial and tech

Saudi Arabia’s Aid Agencies

KSRELIEF
International center dedicated to humanitarian and relief work. The aid provided by KSRelief covers a wide range of initiatives, including relief security, camps management, shelter, early recovery, protection, education, water and sanitation, among others. KSRelief is the only authority in the Kingdom that is permitted to provide humanitarian assistance to international beneficiaries.

SFD
The Saudi Fund for Development is a government entity that serves as a vehicle through which Saudi Arabia provides concessional loans and grants on behalf of the Saudi Government to finance development projects in developing countries. The projects financed by SFD focus primarily on infrastructure and productivity, mostly notably in the sectors of transportation, communication, agriculture, energy and social infrastructure. The Fund is the main vehicle through which Saudi Arabia provides development assistance.

Saudi Arabia participates actively in international development cooperation and assistance efforts through financial and technical support to developing countries. This includes engagement with the United Nations, Islamic Development Bank, World Bank and other international organizations, in order to support the development of sustainable infrastructure and other key sectors in developing countries. Additionally, Saudi Arabia has provided international humanitarian assistance bilaterally through two main national agencies: the King Salman Humanitarian Aid and Relief Center (KSRelief) and the Saudi Fund for Development (SFD). The King Salman Humanitarian Aid and Relief Centre, established in 2015, has provided more than USD 6 billion in humanitarian assistance to 91 countries so far. In addition to this, the Saudi Fund for Development (SDF) was established to finance projects in developing countries. Established in 1974, SFD has contributed over USD 18 billion to finance more than 700 development projects across 85 countries, primarily in Africa and Asia, targeting sectors like social infrastructure, transportation, and agriculture. The “Al Khair Al Raqami” digital charity platform was also founded to support sustainable development goals. Furthermore, the Misk Charitable Association has introduced multiple programs and initiatives to aid in these efforts.

Based on data from the Saudi Aid Platform, the Kingdom of Saudi Arabia has historically provided USD 87.5 billion in international aid. The Kingdom has delivered USD 54.4 billion in development assistance, USD 11 billion in humanitarian assistance and USD 149 million in charity. The assistance has been delivered to 166 beneficiary countries through 5,424 projects across 39 sectors.

Another way Saudi Arabia contributes to other countries is through its mostly foreign workforce. Expat workers make up three-quarters of all workers in the Kingdom, coming from countries like Syria, India, Pakistan, Bangladesh, Egypt, the Philippines, and Sri Lanka. The Kingdom is the third largest exporter of remittances in the world. Remittances alleviate poverty, improve nutritional outcomes, increase education expenditure, and reduce child labor.

Saudi Presidencies of G20 - Saudi Arabia is a member of the Group of Twenty (G20), which brings together the world’s largest economies to discuss key economic and financial issues. As a G20 member, Saudi Arabia plays a significant role in shaping global economic policies and decisions. During its G20 presidency, the Kingdom steered the group towards “seizing the opportunities of the twenty-first century for all” with a focus on three main goals: empowering people, protecting the planet, shaping new horizons through the digital economy and employing innovative technologies. During its presidency, the Kingdom paid great attention to sustainable development issues and directed efforts to adopt a sustainable and results-oriented perspective.

The G20 Group affirmed its determination to continue to play a leading role in contributing to the rapid implementation of the 2030 Agenda for Sustainable Development and the Addis Ababa Action Agenda. Furthermore, the Saudi G20 presidency took swift action to pave the way for a better world for the post-COVID-19 era, and launched an initiative to suspend debt service payments that enabled 46 of the poorest and most vulnerable countries to access liquidity from official bilateral lenders. This initiative made it possible to postpone the repayment of US$14 billion in 2020 of outstanding debts, and to benefit from these amounts and employ them in the face of the COVID-19 pandemic and its social and economic impacts.

Saudi Arabia’s role in the G20

Advocating for sustainable development
Representative of the Arab World
Promoting economic growth and stability
Supporting digital transformation
Fostering international cooperation

No. of Partners
506

Total Projects
5424

Beneficiary Countries
166

ND. of Sector
39

Total funding
65,457,386,581

No. of Sector
39

Shares of exports by developing countries and least developed countries

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Weighted average tariffs faced by developing countries

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SDG data also indicates that the proportion of exports from developing and least developed countries in relation to Saudi Arabia’s total exports has been growing. The tariffs faced by developing countries in their trade with Saudi Arabia have not followed a consistent pattern, but the overall trend shows a slight increase in tariffs faced by these countries in recent years.
2. Institutional Framework and Key Ongoing Initiatives

**Middle East Green Initiative (MGI)**

The Kingdom of Saudi Arabia is leading the establishment of the Middle East Green Initiative (MGI), which is a regional effort to mitigate the impact of climate change on the region and to collaborate to meet global climate targets. By increasing regional cooperation and creating the infrastructure needed to reduce emissions and protect the environment, MGI is envisaged to amplify impact in the global fight against climate change, whilst creating far-reaching economic opportunities for the region. To accelerate the implementation of initiatives to achieve the MGI goals, HRH the Crown Prince announced in November 2022 that Saudi Arabia will establish and host a dedicated MGI Secretariat and will allocate USD2.5 billion to support MGI projects and governance. Under the Middle East Green Initiative, Saudi Arabia seeks to unify stakeholders across the region to prevent, mitigate and adapt to the risks posed by climate change.

**DURING THE SAUDI G20 PRESIDENCY, G20 LEADERS ENDEDORSE THE CIRCULAR CARBON ECONOMY (CCE) FRAMEWORK**

A closed-loop system, GCE is based on reducing, reusing, recycling, and removing carbon that addresses climate change while advancing sustainable development and promoting economic diversification. By reducing emissions and expanding the use of carbon capture, utilization, and storage, the international community will be able to pursue sustainable growth and reconcile the sustainability needs of both energy and climate.

**Climate change knows no borders**

Across the Middle East and North Africa, the exacerbation of rising temperatures are already impacting livelihoods and opportunities. Extreme weather events including droughts and heat waves will become more common as regional temperatures continue to increase. The economic impact of dust storms in the region exceeds USD 13 billion annually.

In order to achieve effective climate action, an alliance is required that will unite and support relevant stakeholders across the region. MGI exists to unite leaders across the region to achieve the common goal of combating climate change.

**Trade, Investment and Innovation**

Another way in which Saudi Arabia is working to achieve SDG 17 is by promoting international trade and investment, including through measures to enhance its participation in the global economy. The government has created a more favorable investment climate, and to attract foreign investment, to support economic growth and sustainable development. Saudi Arabia is promoting technological cooperation and innovation, including through measures to enhance its participation in the development and transfer of new technologies. This includes efforts to enhance its collaboration with the private sector and other stakeholders, as well as to promote the development and application of new technologies for sustainable development. Saudi Arabia has made significant commitments and investments in sustainable development initiatives, both domestically and internationally. This includes investments in renewable energy and clean technology, as well as efforts to promote sustainable urbanization and sustainable infrastructure development.

**Saudi Arabia's Public Investment Fund (PIF)**

has become a global player, supplying international financial markets with abundant capital. PIF has launched two international investment pools, International Strategic Investments and International Diversified Pool, to expand its global reach beyond the Kingdom and MENA region. By partnering with top-tier international investors, asset managers, and investment banks, PIF has become one of the world’s largest investment institutions. The volume of international investments has grown from 5% in 2017 to 30% of assets under management, diversifying across geographies and various asset classes including public and private markets, stocks, fixed income, real estate, and infrastructure. PIF’s diversified investments span multiple sectors like healthcare, technology, real estate, and transportation.

**International Cooperation**

Saudi Arabia has been actively involved in regional and international initiatives aimed at promoting sustainable development and protecting the environment. Saudi Arabia has been an active player in global governance mechanisms and processes related to sustainable development. This includes efforts to enhance its participation in the United Nations Framework Convention on Climate Change (UNFCCC), as well as to promote the implementation of the Paris Agreement on climate change. Other key climate initiatives in which Saudi Arabia plays a key role are shown in the box below.
Saudi Arabia's Role in International Climate Change Initiative

- Saudi Arabia sees international cooperation as an essential enabler for achieving global climate goals, especially in the area of innovation and R&D, for advancing clean energy technologies including those that are needed for achieving net-zero ambitions such as Carbon Capture, Utilization and Storage (CCUS) and Direct Air Capture, as well as low carbon hydrogen solutions.
- Saudi Arabia is a founding member of Mission Innovation, leading and contributing to many missions including the Carbon Removal mission, Hydrogen mission, and Power mission.
- Saudi Arabia is a member of the Clean Energy Ministerial (CEM), co-leading its CCUS initiative, and participating in many other initiatives.
- Saudi Arabia alongside the US, Qatar, Norway, and Canada, launched the Net Zero Producers Forum, which aims at developing pragmatic Net Zero strategies, including methane abatement, advancing the Circular Carbon Economy, and development and deployment of clean energy technologies and CCUS.
- Saudi Arabia also plays a key role in the Gulf Cooperation Council (GCC), where it promotes issues and efforts related to sustainable development and environmental protection.

The Saudi Fund for Development (SFD) participates in the Arab Coordination Group (ACG), which is a coalition of 10 regional and international organizations that collaboratively support impactful development projects. SFD is dedicated to contributing to ACG initiatives such as addressing climate change with a $24 billion commitment announced at COP27, and tackling food security with a $10 billion pledge. Through KSRelief, Saudi Arabia contributes to the Islamic Development Bank’s Live and Livelihoods Fund, a $2.5 billion initiative launched with five other regional and global organizations to alleviate poverty in vulnerable member countries. Saudi Arabia also played a key role in the global response to the pandemic. The Kingdom was a major contributor to the COVID-19 Vaccine Global Access (COVAX) facility, a structure that ensured equitable access to vaccines globally. Additionally, Saudi Arabia provided medical and humanitarian aid to several countries in need, including sending medical teams and supplies to support local health systems.

Data – Saudi Arabia is taking great systematic steps on the path of open data and free access, thus allowing it to contribute towards enhancing transparency in the implementation of government transactions, consolidating the principle of accountability within the government sector, and facilitating public evaluation and analysis of the content.

- The Saudi government has launched the National Strategy for Statistical Development, which under GASTATT’s leadership aims to establish an effective, professional, and credible statistical system by 2030. By focusing on five strategic axes, the strategy fosters collaboration between data users and producers, while incorporating the latest technologies and enhancing communication and awareness.
- To uphold the principle of transparency, encourage electronic involvement, and foster creativity, the government has established an integrated data base of open government data, which provides access to a wide range of data and statistics on various socio-economic indicators. The National Open Data Portal allows people to access, download, and use the data of ministries and government agencies in the Kingdom.
- Saudi Data & AI Authority (SDAIA) was established to drive the national agenda for Data & AI to elevate the Kingdom as a global leader in the elite league of data-driven economies. SDAIA has developed the National Strategy for Data & AI, which was approved on July 17, 2020. SDAIA is now working with other government entities on activating the initiatives under the strategy. SDAIA has also created a suite of data-related AI applications, which are summarized in the figure below.
- Personal Data Protection Law - In September 2021, Saudi Arabia passed a Personal Data Protection Law as a sector-agnostic data privacy law. The implementation guidelines are under development. In the interim, SDAIA, through the National Data Management Office (NDMO), has published the Personal Data Protection Interim Regulations (PDPRI). The new law is based on the General Data Protection Guidelines with a few modifications to data transfer and localization requirements. All organizations that process Saudi citizens’ data are legally bound by the law.

Saudi Initiative for AIDS control in GCC Countries – The initiative is aimed at enhancing opportunities for health support dedicated to combating HIV in the Gulf, being that the Gulf is an appealing region for numerous expatriates from various nationalities for multiple reasons such as work and tourism and religious rituals. These factors highlight the nations importance worldwide in relation to economic and financial impact. The initiative was launched by the Ministry of Health, in coordination with the Executive Office of the GCC Council of Health Ministries in the wake of numerous international conferences being held over the years, which observed aspects and experiences of countries combating AIDS.

Clean Fuel Solutions for Cooking – Saudi Arabia has launched this initiative with the objective of providing clean cooking solutions such as Liquefied Petroleum Gas (LPG) and renewable energy to 750 million people around the world as an alternative to traditional cooking methods such as coal and wood, which can cause harm to the environment due to excessive CO2 emissions as well as to human health, mostly women, by causing respiratory illnesses.

3. Key Areas for Attention and Next Steps

The COVID-19 pandemic has underscored that global cooperation and partnership to achieve the SDG goals is more urgent than ever. The Kingdom will continue its efforts to enhance cooperation with the United Nations and its partners to accelerate the achievement of sustainable development goals regionally and internationally, which will positively reflect on improving the quality of human life wherever they are, and increasing the capabilities and readiness of countries to address crises that may occur in the future.

As one of the most generous donors in the world, Saudi Arabia is expanding its humanitarian aid and development assistance efforts. Saudi Arabia is committed to investing in renewable energy, clean technology, including data utilization storage and direct air capture, and sustainable urbanization, both domestically and internationally, as part of its efforts to boost sustainable development initiatives. Tackling climate change is another key focus, with the country leading the Middle East’s response to the impact of climate change and collaborate on meeting global climate targets. Enhancing digital connectivity is also a priority, with a focus on increasing internet access and promoting digital literacy. The government will further attract foreign investment, enhance its participation in the global economy, and promote technological cooperation and innovation in order to boost international trade and investment.

Supporting global health initiatives is also an important area of attention for Saudi Arabia. The country has contributed to the COVID-19 Vaccine Global Access (COVAX) facility and provided medical and humanitarian aid to countries in need. Furthermore, Saudi Arabia is committed to enhancing data accessibility and transparency through initiatives such as the National Strategy for Statistical Development, the National Open Data Portal, and the Saudi Data & AI Authority (SDAIA). Continued attention will be given to ongoing initiatives to address health and environmental challenges, such as the Saudi Initiative for AIDS control in GCC Countries and Clean Fuel Solutions for Cooking.

The following are some key steps for the way forward:

- Strengthening and expanding international partnerships by deepening collaboration with international organizations, countries, and the private sector to share knowledge, technology, and resources in addressing global challenges and achieving the SDGs.
- Increasing investments in digital infrastructure and expanding high-speed internet access, especially in rural and remote areas, and promoting digital literacy and skills development among the population.
- Promoting innovation and technological cooperation and encouraging research and development, fostering innovation in various sectors, and supporting the transfer of technology and knowledge.
- Continuing investments in renewable energy, clean technology, and sustainable urbanization both domestically and internationally to address environmental challenges and support global sustainability goals.
- Spearheading the Middle East Green Initiative (MGI) by providing resources and technical support, as well as promoting regional collaboration on climate change issues.
- Encouraging investments in digital infrastructure and expanding high-speed internet access, especially in rural and remote areas, and promoting digital literacy and skills development among the population.
- Supporting global health initiatives and providing medical and humanitarian aid to countries in need.
- Developing policies that attract foreign investment, encourage entrepreneurship, and support the growth of the private sector.
Summary of Saudi Arabia’s Achievement of SDGs

As the 17 sections of this report dedicated to each SDG area have shown, Saudi Arabia has made significant progress in the achievement of SDGs across all social, economic, and environmental dimensions. The table below provides an overview of the trends in the progress that Saudi Arabia has made based on SDG indicators for all SDGs areas. As can be seen from the table, out of a total of 116 SDG indicators for which official data from GASTAT is available, 56 indicators show an improving trend, 7 exhibit a non-improving trend, and 22 have no discernible trend. Insufficient data is available for 31 indicators, making it difficult to evaluate their progress.

### SDG 17 PARTNERSHIPS FOR THE GOALS:
THE SAUDI DEVELOPMENT AND RECONSTRUCTION PROGRAM FOR YEMEN

**SUMMARY**

The Saudi development and reconstruction program for Yemen (SDRPY) was established in May 2018 through a royal decree. Given the earlier international experience in the development of Yemen, SDRPY’s development strategy was created by a group of Saudi specialists with the aim of meeting the needs of the people of Yemen, providing institutional, technical, and logistical support to Yemen, and building the capacity of Yemeni government institutions.

#### IMPACT

- **200 projects** undertaken since program establishment
- **6 million beneficiaries** supported through development projects
- **70 national and international partners**
- **6 sectors** have seen projects implemented, including health, education, energy, water & other sectors
- **Strong support in several peace talks rounds since 2015**
- **1 humanitarian and financial supporter of Yemen throughout its history**

#### NEXT STEPS

Continued implementation of ongoing and planned projects

- **34 projects and initiatives in the health sector**
- **50 projects and initiatives in the education sector**
- **55 projects and initiatives in the water sector**
- **29 projects and initiatives in the energy sector**

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As can be seen from the figure above, the global assessment shows that Saudi Arabia has experienced improving trends in most SDG areas and has not had any SDG areas with a decreasing trend. Only three SDGs have experienced stagnating trends – SDG 14, 15 and 16. It should be noted here that this assessment is based on data for 2020, a year that was marked by the significant challenges ensuing from the COVID-19 crisis. Furthermore, in 2021 Saudi Arabia launched the Saudi Green Initiative – an ambitious multi-billion-dollar initiative directly targeted at the challenges in the two SDG areas for which the global assessment shows stagnation (SDG 14 and SDG 15).

The picture that emerges from the information presented in each SDG section of this report is that of a dynamic institutional and policy framework in support of the achievement of SDGs. The Kingdom has launched a wide array of initiatives that address various aspects of the SDGs. For example, under SDG 1, the country is taking a comprehensive approach to job creation, social protection, economic growth, and financial inclusion. SDG 2 is underpinned by the implementation of a food security strategy, progress in addressing malnutrition, and preservation of plant genetic resources. In the area of SDG 3, the government is focused on improvements in healthcare access, reduction in mortality rates, and strong commitment to immunization. SDG 4 has seen an expansion of access to education, near gender parity in educational participation, and large public investments in education. SDG 5 is marked by progress in promoting gender equality, increased participation of women in the workforce, and implementation of laws enhancing women’s rights. In the area of SDG 6, the country has increased access to clean water and sanitation services, investment in wastewater treatment, and water conservation initiatives. SDG 7 is notable for universal access to electricity, commitment to renewable energy, and implementation of energy efficiency initiatives. Under SDG 8, there has been progress in job creation, economic growth, increased female labor force participation, and the tackling of youth unemployment. Under SDG 9, the country has invested in infrastructure, industrial development, and innovation, promoting economic diversification and fast digitalization. SDG 10 has seen progress in reducing income inequality and promoting social inclusion through government initiatives. Saudi Arabia has improved urban planning and infrastructure under SDG 11, focusing on sustainable cities and communities. In SDG 12, the country has promoted sustainable consumption and production practices. Significant steps have been taken in SDG 13 to reduce greenhouse gas emissions and address climate change, such as launching the Saudi Green Initiative (SGI). SDG 14 has seen a prioritization of marine and coastal ecosystem protection, while SDG 15 focuses on biodiversity protection and combating desertification. Under SDG 16, Saudi Arabia has improved human rights and access to justice, enhancing transparency and accountability in the public sector. Lastly, for SDG 17, Saudi Arabia has built strong partnerships to achieve SDGs and provided significant humanitarian and development assistance globally.

Despite the impressive progress that the Kingdom of Saudi Arabia has made since the launch of the sustainable development agenda in 2015, challenges remain, and the government is committed to addressing them resolutely. The launching of the SGI and MGI initiatives is an example of major initiatives to address the challenges of climate change and environmental protection. Another SDG-related area where the government’s attention will focus is in the near future is the need to improve data availability and strengthening the capacity of statistical departments across the government to collect and disseminate information on key SDG indicators. The focus will be on the identification and adoption of innovative and cost-efficient data collection methodologies and technologies in all SDG areas. Efforts will be made to collect and make available data in a disaggregated fashion, particularly in terms of gender, age, disability, and nationality, as well as ensuring the availability of regional statistics.

Saudi Arabia prioritized addressing the COVID-19 pandemic, drawing from its experience with the Middle East Respiratory Syndrome (MERS-CoV) and implementing preventive measures even before the first domestic case emerged. As the situation escalated, the government established comprehensive measures to protect public health, mitigate the economic impact, and ensure an effective response, while collaborating with the UN.

The following are the measures that Saudi Arabia took to address the COVID-19 challenges, informed by the analytical work conducted jointly with UN agencies.

### Containment Measures – In response to the unprecedented challenges posed by the COVID-19 pandemic, the government implemented strict measures to protect citizens and residents. These included lockdowns, business closures, remote work for non-essential employees, social distancing, mandatory face masks, public gathering bans, travel restrictions, and even the suspension of prayer in mosques. These steps significantly impacted daily life but played a crucial role in managing the pandemic effectively and safeguarding the wellbeing of the country during a difficult period.

### Health Response – The Ministry of Health took comprehensive and proactive measures against the pandemic, including providing health information and guidelines, free services such as PCR testing, diagnosis, treatment, and a 24/7 hotline, and participating in COVID-19 research. The National Emergency Response Committee was established, and free COVID-19 treatment was provided to all citizens and residents regardless of legal status. Contact tracing and testing initiatives, mobile applications, and the expansion of laboratory capacity helped the Kingdom conduct over 45 million COVID-19 PCR tests. The government equipped primary health care centers, hospitals, and quarantine facilities, designated reference hospitals, introduced dedicated ambulance teams, and installed field hospitals. Private health care facilities, home medical care, and telemedicine centers were activated to relieve strain on Ministry of Health facilities. Digital health services and applications, such as Tabaad and Tetamman, were used extensively to reduce the number of visits to health care facilities and monitor cases. The Kingdom launched a comprehensive national vaccination campaign, utilizing traditional methods like mass media campaigns and modern approaches like mobile applications for registration. The campaign aimed at raising awareness about the importance of vaccines and addressing vaccine hesitancy. Communication played a crucial role in the response, with campaigns providing factual information and dispelling myths, SMS messaging services for local updates, a hotline number for advice and assistance, and online portals for access to vital information such as test results or treatment options.

### Economic and Financial Support - The pandemic had a negative impact on the Saudi economy, causing a decline in oil revenues and a 6.8% GDP contraction in 2020. To mitigate the crisis, the government introduced an emergency package that included financial aid, business loans, tax cuts, suspension of government payments, and various support initiatives like “Taweer” and “Waseelah”. Coordinated efforts from a wide range of ministries and development banks and funds, including the Ministry of Investment, the Ministry of Finance, the Saudi Arabian Monetary Authority (SAMA), the Public Authority for Small and Medium Enterprises (SMEs), the Ministry of Industry and Mineral Resources (MODCR), and the Saudi Export Development Authority, resulted in a SAR 70 billion private sector support package, budgetary reallocations, and a SAR 120 billion allocation for private sector support, encompassing employment support, training programs, and assistance to micro and small enterprises.
Financial Support for SMEs in the Context of COVID-19

The aim of the allocation was to provide the necessary support for owners of SMEs and their workers, in the interest of the Kingdom's government to maintain the continuity of the participation of the SMEs in the economy.

SAR allocated approximately USD 119.7 million in loan guarantees to alleviate the repercussions of 450 million COVID-19 on local SMEs.

Means of Implementation

This section of the VNR report provides an overview of the strategies, policies, and resources that Saudi Arabia has put in place to achieve the SDGs. At the heart of Saudi Arabia’s SDG implementation agenda lies a “Roadmap for Implementation” that the government has developed to ensure that the SDG targets are pursued in a systematic and effective manner. The roadmap was prepared on the basis of a wide-ranging consultative process led by the Ministry of Economy and Planning. The figure below summarizes the factors identified as key for the successful achievement of SDGs in Saudi Arabia. The figure also identified the three main components of Saudi Arabia’s SDG roadmap – policy development, monitoring and reporting, and the strategic enablers.

6 Key Success Factors to Achieve the Sustainable Development Agenda

- **Digitalization** - The government focused on digitalization and innovation to improve health outcomes and the healthcare system, such as implementing telemedicine platforms and electronic medical records. Additionally, the government ensured students’ access to distance learning through a centralized learning platform, assistance for students in need, and measures to enhance learning quality and outcomes, including fostering collaboration between parents and schools.

- **Research** – The King Abdulaziz City for Science and Technology (KACST) contributed to COVID-19 response efforts by collecting 6342 samples to study genetic factors influencing symptom variation in Saudi society, ultimately publishing two scientific papers and demonstrating their dedication to advancing research and combating the pandemic. KACST also launched research accelerators for COVID-19, offering a fast track for proposal review and approval to expedite pandemic-focused research.

- **International Engagement** - The Saudi government actively participated in international COVID-19 response efforts, presiding over the G20 extraordinary summit in March 2020, which resulted in G20 leaders committing to necessary health measures and injecting $10 trillion into the global economy. Additionally, the G20 pledged USD 21 billion globally to fight the pandemic through various efforts. Saudi Arabia collaborated closely with the United Nations and other organizations, providing bilateral assistance, donations, and funding for vaccine research totaling over USD 1 billion, including a USD 90 million donation to the World Health Organization (WHO) for implementing the COVID-19 Strategic Preparedness and Response Plan (SPRP) and supporting the WHO office in Yemen.

- **Leaving No One Behind** - Protection of the most vulnerable was at the heart of the COVID-19 response. Health authorities made the pivotal decision to provide free COVID-19 services, testing and treatment to everyone, including individuals with irregular residency status. This equal access to services for everyone minimized the impact of COVID-19 on migrants and other vulnerable groups. Development funds and banks allocated of SAR 4 billion to provide social loans to low-income families during 2020.
3 Main Components of Saudi Arabia’s SDG Roadmap

Policy Development:

As highlighted in the previous sections of this report, Saudi Arabia has deployed an immense body of policies aimed at improving the living conditions of the Saudi people in a sustainable way. Saudi Arabia’s Vision 2030 ensures the alignment of these national policies with the SDGs, with a focus on integrating the SDGs into national strategies and policies. The government has established the SDSC to oversee the implementation of the SDGs to ensure that all relevant agencies are working together towards the achievement of the SDGs.

Monitoring and Reporting:

As demonstrated in the previous sections of this report, Saudi Arabia is taking steps to improve data collection and analysis, with a focus on monitoring progress towards the SDGs. The government has established the National Center for Performance Measurement (Adaa) as an independent government body to monitor performance processes across public entities and ensure that resources are being used effectively. As an integral component in monitoring and tracking the progress of Vision 2030, Adaa plays a key role in the tracking of the implementation of SDGs. Adaa publishes quarterly reports on the progress of strategic goals, initiatives, and KPIs, enabling a comprehensive assessment of the achievement of Saudi Arabia’s SDG Roadmap. They are summarized in the figure below.

Strategic Enablers:

Saudi Arabia has identified four key strategic enablers that support the achievement of Saudi Arabia’s SDG Roadmap. They are summarized in the figure below.

The following is a brief summary of each enabler.

- **Communication & Stakeholder Engagement:** The government has closely engaged with civil society, the private sector and other stakeholders. The focus of the engagement has been on ensuring that the needs of all citizens are addressed, leaving no one behind. Saudi Arabia has established the King Abdulaziz Center for National Dialogue to encourage dialogue between the government and civil society, and is building strong partnerships with NGOs and other civil society organizations. In pursuit of the SDG goals, the government is working closely with international organizations. As shown in this report, the government has established partnerships with the United Nations to support sustainable development initiatives. Saudi Arabia has also engaged with other multilateral organizations, such as the GCC and the G20, to promote the sustainable development agenda.

- **Capacity Building:** Saudi Arabia is investing significant amounts of resources in education and training, with a focus on developing the population’s skills in alignment with the needs of the labour market. The government has established the National Transformation Program to build the capacity of the public sector and ensure it is equipped to support the implementation of the SDGs. Furthermore, the government has paid particular attention to strengthening the capacities and awareness of public sector organizations on the issue of sustainable development.

- **Financing for Sustainable Development:** Saudi Arabia has established the Vision Realization Programs to support the implementation of the Vision 2030, which outlines key steps necessary for achieving the SDGs. The government has also conducted an assessment of the financing needs for the implementation of recommendations derived in the process of development the SDG implementation roadmap. As highlighted throughout this report, the Saudi government has allocated and invested significant resources for the programmes that further the sustainable development agenda in the country and globally. Initiatives such as the Saudi Green Initiative (SGI) represent unprecedented investments in crucial sustainable development projects of importance not only to the Kingdom, but the whole world. Saudi Arabia has also deployed significant financial resources from the Saudi Public Investment Fund, one of the largest sovereign funds in the world, towards projects that further not only economic growth, but also sustainable development.
**Science, Technology and Innovation:** Saudi Arabia has also invested significantly in research and development, with a focus on developing new technologies that support sustainable development. As noted in previous sections of this report, the government has established a range of institutions, such as the King Abdulaziz City for Science and Technology, Saudi Data & AI Authority, multiple incubators and accelerators, and so on, to support the development of technology and innovation.

The figure below summarizes specific prioritized interventions that Saudi Arabia has identified in each of the four above-mentioned areas that have the greatest potential to further progress in the achievement of SDGs.

### Strategic Enabler: Communication

<table>
<thead>
<tr>
<th>Strategic Enable</th>
<th>Proposed intervention</th>
<th>Thematic driver</th>
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</thead>
<tbody>
<tr>
<td>Communication</td>
<td>1. Develop a national awareness campaign to raise overall public awareness about the importance of SDGs</td>
<td>Communication</td>
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<tr>
<td></td>
<td>2. Organize events, conferences, and workshops in Saudi Arabia through dedicated SDG stakeholders</td>
<td>Communication</td>
</tr>
<tr>
<td></td>
<td>3. Spearhead national SDG centric competitions to increase engagement levels and encourage communities to play a leading role in addressing specific SDG challenges</td>
<td>Communication</td>
</tr>
<tr>
<td></td>
<td>4. Leverage social media to raise awareness of SDGs, disseminate knowledge, and provide evidence-based achievements on Saudi Arabia’s progress to achieving the SDGs</td>
<td>Communication</td>
</tr>
<tr>
<td></td>
<td>5. Develop a national SDG platform to enable visibility and enhance engagement on Saudi Arabia’s sustainability</td>
<td>Communication</td>
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</table>

### Strategic Enabler: Capacity Building

<table>
<thead>
<tr>
<th>Strategic Enable</th>
<th>Proposed intervention</th>
<th>Thematic driver</th>
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<tbody>
<tr>
<td>Capacity Building</td>
<td>6. Develop localized online and face-to-face trainings to deliver capability for government employees, private sector and general population</td>
<td>Capacity building</td>
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<td></td>
<td>7. Conduct targeted comprehensive institutional capacity-building action for government institutions that will play a crucial role in SDG ecosystem</td>
<td>Capacity building</td>
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<td></td>
<td>8. Institutionalize sustainable development in curricula of education institutions</td>
<td>Capacity building</td>
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<tr>
<td></td>
<td>9. Leverage existing and engage new partnerships to develop all types of capacity building interventions</td>
<td>Capacity building</td>
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### Strategic Enabler: Financing Sustainable Development

<table>
<thead>
<tr>
<th>Strategic Enable</th>
<th>Proposed intervention</th>
<th>Thematic driver</th>
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<tbody>
<tr>
<td>Financing</td>
<td>10. Create financial incentives to support sustainable practices and incorporate sustainability in existing fiscal framework</td>
<td>Financing sustainable development</td>
</tr>
<tr>
<td>sustainable</td>
<td>11. Create a dedicated working group for financing for sustainable development to drive innovations across sustainability driven financial products</td>
<td>Financing sustainable development</td>
</tr>
<tr>
<td>development</td>
<td>12. Establish a targeted fund (under the national development fund) and enable issuance of innovative financial products sustainable development</td>
<td>Financing sustainable development</td>
</tr>
<tr>
<td></td>
<td>13. Improve governance of Saudi Arabia’s development cooperation to enhance focus sustainable development projects (g. through application of total official support for sustainable (TOSIF) framework)</td>
<td>Financing sustainable development</td>
</tr>
</tbody>
</table>

### Strategic Enabler: Science, Technology and Innovations (STI)

<table>
<thead>
<tr>
<th>Strategic Enable</th>
<th>Proposed intervention</th>
<th>Thematic driver</th>
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<tbody>
<tr>
<td>Science,</td>
<td>14. Promote STI knowledge sharing efforts</td>
<td>Science, Technology and Innovations</td>
</tr>
<tr>
<td>Technology and</td>
<td>15. Develop dedicated center for STI efforts that support sustainability development in collaborations with research institute, think tanks and businesses</td>
<td>Science, Technology and Innovations</td>
</tr>
<tr>
<td>Innovations (STI)</td>
<td>16. Enhance focus on leveraging advanced STI driven solutions for specific challenges for SDGs while using high correlation approach to maximize impact</td>
<td>Science, Technology and Innovations</td>
</tr>
</tbody>
</table>

Saudi Arabia’s Ministry of Economy and Planning is in the process of establishing a platform that will enable all SDG stakeholders to regularly track progress in the achievement of SDGs using clear metrics and evaluate the effectiveness of the implementation process, adjusting as needed. The platform enables the tracking of the status of implementation of all SDG-related recommendations that have been provided. On the basis of this platform, Saudi Arabia has secured the engagement of a wide range of stakeholders, including government agencies, civil society organizations, private sector entities, and international partners, to build consensus and secure their commitment for the implementation of the SDGs. The platform is also being used to foster a culture of learning and knowledge sharing among stakeholders, including the sharing of best practices, lessons learned, and experiences to enhance the implementation of the SDGs.

**Contributions of Civil Society to the Achievement of SDGs**

Civil society engagement is a vital aspect of life within Saudi Arabia, representing matters of special importance to its citizens. The Kingdom estimates there are over 2,500 non-profit organizations focusing on issues as diverse as alleviating poverty, improving education, healthcare, advocating for children’s rights, or gender equality, etc. Together with academic institutions, their activities span across area covering all Sustainable Development Goals. Numerous organizations exhibit tangible impact on achieving progress towards the sustainable development agenda, either through direct action, or by advocating for policy innovation and social change more broadly. This often requires effective collaboration between stakeholders, as well as engaging whole of society in constructive dialogue. The following are some examples of civil society contributions to the sustainable development agenda.

- **Saudi Housing NGOs** has formed a partnership with the Housing Program 2030, which is part of Vision 2030, to increase home ownership in the country to 70% by 2030 and provide 75,000 developmental housing units between 2021 and 2030. The program has already benefitted over 10.3 million followers, with a total payout exceeding SAR 116 billion since its inception.
- **Foundation for Future Female Leaders:** In 2022, the foundation launched the “Saudi Women Pioneers”: Change from Within initiative which celebrated trailblazing women who broke barriers and championed gender equality, emphasizing merit-based opportunities for all.
- **Al Bir Society** promotes social solidarity and charitable work by providing financial aid, material assistance, and training courses to underprivileged individuals, while fostering self-sufficiency and participating in disaster relief efforts.
- **King Khalid Foundation** promotes economic development and equal opportunity in Saudi Arabia by funding social initiatives, capacity-building programs, and advocacy efforts, while collaborating with non-profits and institutions to empower them with tools and training. More in depth information about the King Khalid Information is provided in the case below.
- **Takafol** is a Saudi organization that fosters community and teamwork by promoting volunteering, having engaged over 30,000 volunteers across various fields and industries according to its portal.
- **Takafol Charity Foundation** is responsible for supporting needy students in schools. It aims to continue a successful scientific achievement and transferring them from the circle of need into sufficiency and ease. Takafal served as the charitable arm of the Ministry of Education during the pandemic.
- **Abdulrahman Saleh Al Rajhi & Family Foundation, or Al Rajhi Charity,** is a prominent NGO dedicated to promoting community service, volunteerism, and non-profit sector development through strategic partnerships and unique programs. With a focus on values such as fairness, humility, and excellence, the foundation supports various projects and programs aligned with the SDGs, while fostering volunteerism, capacity-building, and collaboration within the non-profit sector.
- **Al-Oula,** a Jeddah-based NGO, aims to break the poverty cycle by fostering the positive development of children through education, professional, and physical skills enhancement, with a focus on development, education, family, skills development, and women’s empowerment.
**IN-DEPTH CASE**

**KING KHALID FOUNDATION**

**SUMMARY**

King Khalid Foundation invests in people, organizations and policies working to promote equality and create opportunity in Saudi Arabia. Through funding, capacity building and advocacy, it focuses on supporting inclusive social and economic development, for the benefit of all Saudi residents.

**IMPACT**

- **Social Investment**: In people and organizations working to promote equality and create opportunity
- **Capacity Building**: To empower nonprofits and companies to deliver sustainable social and economic change
- **Policy Design and Advocacy**: To address inequality, promote prosperity and strengthen Saudi society
- **King Khaki Award**: As a platform for celebrating and accelerating social change, rewarding exceptional achievements

- **Millions of riyals awarded in grant and award money**:
  - A total of 3.8 million SAR given to 999 beneficiaries of 15 equal opportunities grants program in 2019
  - 52,400 iftar meals were distributed in 2019

- **The foundation helped to influence decision maker such as the council of minister who passed the woman and child abuse prevention Law in 2013**
- **Since its establishment. The foundation has development and implemented a number of social and economic development and research projects**
- **106 participants from 17 different NPOs across the country participated in 4 workshops ranging from project development, monitoring & evaluation to impact assessment, corporate communication, fundraising development, and NPO executive leadership.**

**NEXT STEPS**

- **The Muhammad Bin Salman foundation (MisK) and King Khalid foundation have signed a memorandum of understanding with the aim of supporting the foundation helped to influence decision maker such as the council of minister who passed the woman and child abuse prevention Law in 2013**
- **The foundation announced plans to assist Saudi Arabia in boosting nonprofit sector's contribution to GDP by 5 percent by 2030**

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### IN-DEPTH CASE

Saudi universities are playing a crucial role in the achievement of the SDGs through various initiatives, research centers, and educational programs. The following are some examples of contributions by Saudi universities.

- **King Abdullah University of Science and Technology (KAUST)**: In May 2022, KAUST launched the #Here-ToLead campaign to promote gender equality and women’s advancement in STEM fields by raising awareness and highlighting successful Saudi women at the institution, with the involvement of KAUST volunteers and students. KAUST has also established research programs focused on sustainable ocean management, and the country actively collaborates with international partners to exchange best practices.

- **King Salman Center for Education for Employment (KSCEE)**: Established by the Prince Sultan University, the center focuses on equipping young people with essential skills and knowledge to improve their employment prospects. It offers vocational training, language classes, and job placement assistance to help build a prosperous and stable society.

- **King Salman Center for Local Governance (CLG)**: Affiliated with Prince Sultan University, the CLG conducts research, offers advisory services, and designs specialized management training courses in local governance. It also runs the King Salman Award for Local Governance in the Arab World and hosts special projects such as the Saudi Government Digital Map.

- **Red Sea Research Center**: This center, established under KAUST, is dedicated to studying and promoting sustainable ocean management in the Red Sea region.

- **Fisheries Research Center and Faculty of Marine Science**: These centers, located at King Faisal University and King Abdulaziz University, respectively, focus on research and education in marine sciences and sustainable fisheries management.

A more in-depth summary of the role of Saudi universities in the country’s SDG agenda is provided in the following page.

Saudi Arabia’s youth are actively engaged in the SDGs through various initiatives, programs, and organizations that empower them, build their skills, and provide platforms for sustainable development and positive change. Vision 2030 includes several initiatives aimed at empowering and engaging young people. Programs launched by the Small and Medium Enterprises General Authority (Monsha’at) help talented youth showcase their ideas and products. The following are examples of youth groups that have engaged with the SDG agenda.

- **Saudi Youth for Sustainability (SYS)**: This youth-led national organization seeks to empower and connect young leaders to drive positive changes towards a sustainable future. It creates student sustainability groups in Saudi universities, promotes networking among change-makers, fosters knowledge sharing, and advances best practices in youth sustainability initiatives.

- **Arab Youth Sustainable Development Network (AYSDN)**: Comprising youth professionals and experts from the MENA region, this network addresses the lack of youth participation in achieving sustainable development. It provides consultancy, research, and strategic plans, conducts workshops and conferences, and promotes youth initiatives related to sustainable development.

- **Al-Ahsa Volunteering Team**: A youth-led initiative that aims to implement the 17 SDGs in Saudi Arabia, starting with the city of Al-Ahsa. It envisions 17 teams working together under one umbrella, engaging the community and media, introducing new programs, and organizing monthly meetings and trainings.

- **Youth Leadership Programme Saudi Arabia**: This program offers training in the Sustainable Development Goals, Gender Equality, and Social Innovation. It has successfully completed five cycles and worked with over 20,000 youth participants by the end of 2019.
The two most recent UN Sustainable Development Cooperation Frameworks have helped in the identification of recurrent patterns and challenges preventing Saudi Arabia’s overall progress on the 2030 agenda. They identify issues with data availability that remain a critical obstacle as institutions of higher education, universities respond to challenges faced and visibly contribute to the Kingdom’s ambitions to progress on the 2030 agenda and the goals of Vision 2030. Also by leading SDG-adjacent direct interventions.

According to recent data collected from 10 of the 16 participating Saudi universities, 33 university initiatives are currently aimed towards the advancement of the SDGs.

**IMPACT**

All 16 universities surveyed are involved in research in multiple areas:

- The Islamic University of Al-Madinah conducts research on the techniques, frameworks, and applications of “smart city” technology that helps scale up the quality of life of life of residents and victors of Madinah. In particular, they focus on issues relating to water conservation and waste management, energy efficiency and renewable energy.

- Jeddah University, which is particularly oriented at multi disciplin ary studies, focuses on the themes of suitability, logistics, environment, and health and wellbeing.

- King Abdulaziz City for Science and Technology is the Kingdom’s main and central national Lab for R&D and innovation. It acts as carrier arm to all universities and research centers sharing access to its lab, on top of serving KACST’s own researchers.

- King Abdullah University of Science and Technology (KAUST) is one of the leading research and innovation institutions in the region, with a strong focus on interdisciplinary research and collaboration in fields like energy, water and the environment. It boosts state-of-the art facilities and infrastructure including labs, supercomputing resources, and a range of research centers and institutes.

**NEXT STEPS**

Numerous partnerships were developed in the process, including those with the open Arab university, the commission of social development, Al Jazeera bank, and the ministry of Social Affairs. As new partnership emerge, the universities are to face multiple challenges, ie. with addressing areas less frequently researched and acted upon, such as those related to the no Poverty goal.

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**CIVIL SOCIETY: THE ROLE OF SAUDI UNIVERSITIES IN ADVANCING THE SUSTAINABLE DEVELOPMENT GOALS AND VISION 2030**

**SUMMARY**

Volunteering has long been a cornerstone of Saudi society, with about 1,000 non-profit organizations and groups in the country. The Kingdom has specific legislation on volunteering, and the government is committed to increasing the number of volunteers to 600,000. Many volunteers work on critical issues such as health, youth and sports, disaster risk reduction, and education, among others. Vision 2030 notes the importance of active citizen engagement and the role of civil society. The Ministry of Human Resources and Social Development is responsible for institutionalizing social aid and volunteering. In 2020, the country developed a Voluntary Service Law aimed at regulating and developing voluntary service and promoting patriotism, humanitarian work, and social responsibility in the community. The government has also established an initiative for volunteer work, volunteer management departments in non-profit organizations, and a National Volunteers portal to provide volunteer opportunities and monitor and document volunteering hours. The goal is to promote civic engagement and participation, enhance social capital, and contribute to the country’s economic and social growth. Volunteer work in Saudi Arabia is diverse and carried out by non-government organizations, including youth groups and religious organizations, as well as individual citizens and private sector companies. Types of volunteering opportunities include environmental conservation, community service, and support for individuals with special needs. Several non-profit organizations, including Takaful, the Abdulrahman Saleh Al Rajhi & Family Foundation, and Al-Oula, have played an important role in promoting volunteering and supporting the non-profit sector. In 2022, the Saudi Red Crescent Authority counted 6,176 volunteers, with more women than men, who participated in more than 1,800 events on various issues such as disaster risk reduction, health, and migration.

**Voices of Civil Society**

The Saudi government expresses gratitude for the valuable support and collaboration of civil society organizations (CSOs) in attaining the SDGs. To foster greater inclusivity in the VNR process, MEP launched an online survey for interested CSOs from diverse sectors to articulate their perspectives on the country’s foremost challenges and the necessary measures to tackle them. The following is a summary of the inputs received from civil society representatives, reflecting their collective voice.

- CSOs have actively engaged in various SDG-related activities. This includes the formation of the first youth SDG Club in the country, focusing on engagement and awareness. CSOs have also established community welfare centers, such as the Family Counselling Center, and implemented programs targeting poverty reduction.
- CSOs reported contributions to the country’s SDG implementation process. These include the establishment of the first Carbon Neutral Certified University in the MENA region, initiatives focused on early detection and treatment of language disorders in children, the creation of the Princess Nourah bint Abdulrahman Award for Excellence to support and empower women, and active participation in Recycling Day events and SGI summits.
- Participating CSOs expressed a strong interest in becoming more involved with the SDG process. These organizations span various sectors, including health, environment, sustainability, energy, and education. Their aims include leading the SDG agenda for the education sector, contributing to capacity building and implementation, focusing on quality education, promoting SDGs for an improved quality of life, leading the circular economy, etc.
• There is consensus among participating CSOs that progress is being made in securing meaningful and active participation in SDG national-level actions. They highlighted successful collaborations and joint projects with public and private entities. However, some respondents emphasized the need for ongoing consultation with stakeholders across all phases of the SDG progress and suggest that there could be more involvement to build on existing efforts by organizations already working towards fulfilling the SDGs.

• To enhance the involvement of civil society and academic organizations in the SDG process, respondents emphasized fostering collaboration with stakeholders at local, regional, and global levels, encouraging policy dialogues and engagement initiatives. Increasing awareness and actively involving CSOs in the process was seen as important. Additionally, they suggested developing user-friendly frameworks for academic organizations, incorporating SDGs into educational curricula, and undertaking a comprehensive review to assess the progress made by public and private entities in advancing the Kingdom’s position regarding the SDGs.

• CSOs suggested that the main focus of the country’s efforts towards achieving the SDGs should include improving areas with the largest room for improvement, such as SDGs 3, 4, 11, and 13. They proposed establishing a national hub for sharing best practices and promoting regular discussions, policy dialogues, and engagement initiatives, involving more stakeholders and focusing on goals related to youth, who constitute a significant portion of society. Additionally, CSOs highlighted the kingdom’s strengths in clean energy and climate action, suggesting a focus on leveraging these strengths through energy efficiency and renewable energy programs.

• According to surveyed CSOs, some of the significant challenges include improving the quality of life for lower and middle-class families. The education sector requires increased collaboration and financial support from relevant ministries to achieve SDG goals. Respondents also highlighted the lack of information and late discovery of language difficulties in children, leading to poor outcomes. Additionally, they emphasized the need to disseminate SDG awareness widely and address the fragmentation of efforts. For example, the Saudi Green Initiative was mentioned as one of the main comprehensive pillars towards achieving several SDGs for the Kingdom.

• CSOs proposed solutions such as implementing more programs targeting productive families and fostering collaboration between private and public sectors, with a focus on engaging youth. They suggested implementing screening programs for early detection of language disorders in children and enrolling them in intervention programs. Additionally, they recommended developing a curriculum structure aligned with the SDGs and allocating research activities to societal problem-solving. CSOs called for increased public awareness, with a clear workflow and incentives to consolidate efforts and enhance the kingdom’s performance in achieving the SDGs.

Overall, despite the low response rate, the survey demonstrated that Saudi CSOs have been actively involved in SDG-related activities, contributed to the country’s implementation process, and expressed a strong interest in further engagement. They believe progress is being made in securing meaningful participation, but some emphasize the need for ongoing consultation and deeper involvement. Recommendations to improve engagement include sharing SDG measures, fostering collaboration, encouraging policy dialogues, and integrating SDGs into educational curricula. CSOs suggest focusing on goals related to youth, clean energy, and climate action, while addressing challenges like poverty, education, and fragmented efforts. Proposed solutions include increased collaboration, awareness-raising, early intervention programs, and aligning curricula with SDG goals.

Contributions and Voices of the Private Sector

While the governments are primarily responsible for formulating policies and executing measures to advance SDG progress, the active involvement of the business sector is vital. The engagement of the Saudi Arabian business community is particularly important given its significant impact on key areas such as economic growth, environmental protection, job creation, energy, and standard of living. Without the direct participation of private sector companies, progress in these areas will not be possible. Moreover, it is widely recognized that for a business to achieve long-term success, it must attend to its environmental and social impacts and cultivate sustainable business principles. In this regard, the SDGs present a unique opportunity for the Saudi businesses to contribute towards sustainable development, which will ultimately benefit both society and businesses in the medium and long term.

Contributions of the Private Sector to the Achievement of SDGs

Saudi companies have provided significant contributions to the achievement of the SDGs. These contributions have promoted sustainable practices across sectors, including environmental protection, climate change mitigation, housing, health, and education. Companies have taken proactive steps to reduce emissions, invest in renewable energy, implement sustainability practices, and support initiatives that protect biodiversity. Furthermore, public-private partnerships have been leveraged to promote sustainable housing development and improve health and education outcomes. Some companies have developed comprehensive sustainability plans – for example, SABIC has developed a Sustainability Roadmap, aligned with the SDGs, which targets resource efficiency, climate change, circular economy, food security, sustainable infrastructure, and environmental preservation. As part of its 2025 strategy, SABIC identified 10 areas with 20 impact opportunities to create a holistic approach, focusing on sustainable feedstock sourcing, energy-efficient operations, innovative product and process development, and fostering multi-stakeholder collaborations to contribute to SDG targets and business growth. Overall, these collective efforts by the private sector are essential for accelerating progress towards the SDGs and ensuring a sustainable future for all. The following are some examples of these contributions.

Environmental Protection and Climate Change:

• 15 Saudi companies, including Aramco, SABIC, Olayan Financing Company, and Ma’aden, have shown commitment to carbon emission reduction by participating in an auction for CORSIA-compliant and Verra-registered carbon credits.

• Major companies like SABIC, Aramco, and Ma’aden have developed comprehensive corporate sustainability plans to reduce waste, increase efficiency, and promote sustainability. They have set ambitious targets for emission reductions and carbon neutrality by 2050.

• SABIC, committed to the Paris Agreement goals, aims for carbon neutrality by 2050 and a 20% reduction in greenhouse gas emissions by 2030 compared to 2018 levels. By 2022, they achieved an 8.2% absolute emission reduction and plan to collaborate with partners on initiatives to reduce indirect emissions along the value chain.

• Ma’aden has launched the Afforestation Initiative, aiming to plant 20 million trees by 2040, and invest in CO2 capturing and utilization technologies.

• The NEDM Green Hydrogen Company is working to produce up to 600 tons of carbon-free hydrogen daily in the form of green ammonia by 2026. This initiative is the world’s largest utility-scale, commercially-based hydrogen facility powered entirely by renewable energy.

• SEC has collaborated with KAUST to deploy Cryogenic CO2 Capture Technology at Green Duba PP and Rabig PP.

• Saudi electricity company has established a Green Sukuk Framework with aim of facilitating transition to a low emission economy and circular economy. SEC’s first international Green Sukuk was issued in 2020, the first for a Saudi company within the Kingdom.
**Renewable Energy and Water Management:**

- ACWA Power, which specializes in the development, investment, and operation of power generation and desalinated water production plants, has become a prominent player in Saudi Arabia’s shift towards a greener and more responsible energy mix.
- SABIC, committed to sourcing renewable energy for its operations, plans to procure up to 4 GW of renewable energy within the next three years, including 3.5 GW from solar, wind, hydroelectric, and biomass installations in Saudi Arabia.
- ENOWA, in collaboration with ITOCHU and Veolia, is developing a cutting-edge desalination plant powered by 100% renewable energy in Oxagon, NEOM’s advanced manufacturing and innovation city. The plant aims to achieve 100% Zero Liquid Discharge in downstream brine industries.

**Hydrogen Production and Infrastructure:**

- Saudi private sector is supporting the Kingdom’s in becoming a leading hydrogen producer and exporter by 2030, with several projects already underway, including the NEOM green hydrogen project. As announced at the launch of the Saudi Green Initiative conference in Sharm El Sheikh, 50-kmt of blue ammonia has been shipped from Saudi Arabia to South Korea, representing a new milestone in the development of de-carbonization solutions.
- Aramco, SABIC, and Ma’aden have obtained the world’s first independent certifications recognizing “blue” hydrogen and ammonia production.
- Companies like NEOM, Saudi Ground Services Company, Royal Commission of Jubail and Yanbu, and Air Products are building hydrogen fueling stations and launching pilot projects for hydrogen fuel cell-based vehicles and transportation applications.

**NEOM Green Hydrogen Company - Pioneering Sustainable Energy**

The GFIC aims to:

- Produce carbon-free hydrogen for global transportation.
- Produce 400 tons of green ammonia daily by 2026.
- Utilize 4 GW of renewable power, including solar, wind and storage.
- Produce 600 tons of green ammonia daily by 2026.
- Produce carbon-free hydrogen for global transportation.
- Companies like NEOM, Saudi Ground Services Company, Royal Commission of Jubail and Yanbu, and Air Products are building hydrogen fueling stations and launching pilot projects for hydrogen fuel cell-based vehicles and transportation applications.

**Carbon Capture and Reuse:**

- Large-scale CCUS projects are operating in Saudi Arabia, with Aramco’s Uthmaniyah and Hawiyah NGL facilities reusing CO2 for Enhanced Oil Recovery (EOR). SABIC built the world largest CO2 purification and liquefaction plant with 500 KTA capture capacity, for converting CO2 into valuable chemicals such as urea, methanol and applications in the food and beverage industry. liquefaction plant with 500 KTA capture capacity, for converting CO2 into valuable chemicals such as urea, methanol and applications in the food and beverage industry.

**Wastewater Treatment and Conservation:**

- Private sector investments have been made in the Madinah-3 wastewater treatment plant, which will ultimately have the capacity to treat 375,000 m³ of urban water.
- Companies are working on developing sustainable desalination and water treatment capabilities, including solar-powered water treatment plants, through collaborations between Taqnia Energy and KACST.

**Government and Non-Government Action in Support of Private Sector Sustainability**

Saudi Arabia recognizes the importance of the private sector towards sustainable development. Vision 2030 envisions increasing the share of the private sector contribution to GDP from 40% to 65% by 2030. Given this growing role in the Kingdom’s future development, the private sector will play an instrumental role in supporting achieving Sustainable Development Goals (SDGs). The Saudi government has put in place a comprehensive framework to promote sustainability in the corporate sector. This framework comprises incentive schemes, financing tools, frameworks and standards, rating systems, multi-stakeholder involvement, public-private partnerships, special purpose vehicles, roundtables, awards, competitions, awareness campaigns, and capability-building initiatives. Annex I of this report lists some examples of incentivizing instruments put in place by the Saudi government. This framework demonstrates the Saudi government’s commitment to promoting sustainability within the business community and industries. By offering various incentives, tools, partnerships, and programs, the government is fostering a culture of sustainability and supporting companies as they work to meet environmental, social, and governance (ESG) goals.

Nevertheless, there are still challenges that hinder the wider adoption of sustainability by companies. They include limited sustainability disclosures, limited coordination among stakeholders, uncoordinated set of policies and incentives, and low awareness among businesses, investors, and the public. Addressing these issues will not only help improve corporate sustainability but also support achieving Vision 2030 and SDGs. To address these challenges, the Kingdom has initiated a national effort to develop a comprehensive Corporate Sustainability Strategy led by MEP with key government and corporate partners. This strategy, which is still under development, will outline the Kingdom’s ambitions, vision, and measurable outcomes, while also identifying necessary programs and initiatives to support and incentivize businesses in adopting sustainable practices. The interventions launched by government entities relevant to corporate sustainability have been mapped across four different categories according to the degree of government involvement.
Voices of the Private Sector

To promote greater inclusiveness in the VNR process, private sector companies were invited to participate in an online survey launched by MEP. Through the survey, private sector companies shared their perspectives and contributions towards sustainable development. Based on survey data, the table below highlights the varying levels of collaboration among private sector companies on partnerships to address the SDGs with various organizations. Strongest collaborations are observed with Saudi public institutions and not-for-profit/non-governmental organizations, reflecting a higher degree of active engagement. Meanwhile, cooperation under the UN Global Compact reveals more restrained collaboration, suggesting room for further improvement.

Private Sector Survey

What kind of support would enhance your company’s impact on the SDGs? Please select all that apply to your business/organization.

<table>
<thead>
<tr>
<th>Statement</th>
<th>No. of responses</th>
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<tr>
<td>Mapping of SDGs with my company’s internal priorities</td>
<td>22</td>
</tr>
<tr>
<td>Using the SDGs to identify risks and opportunities for my company</td>
<td>23</td>
</tr>
<tr>
<td>Engaging suppliers to also identify and work towards relevant SDGs</td>
<td>23</td>
</tr>
<tr>
<td>Educating customers on sustainability and the SDGs</td>
<td>19</td>
</tr>
<tr>
<td>Creating a long-term company strategy and goals aligned to the SDGs</td>
<td>21</td>
</tr>
<tr>
<td>Communicating our efforts</td>
<td>14</td>
</tr>
<tr>
<td>Strengthening company’s senior management commitment</td>
<td>15</td>
</tr>
<tr>
<td>Engaging company ‘board of directors on the SDGs</td>
<td>18</td>
</tr>
</tbody>
</table>

The table below presents key business drivers for private sector companies to embrace and advance the SDGs. Both “sustainability actions being valued by customers” and “SDGs aligning with core business principles and values” received the highest number of responses (29). Other significant drivers include increased brand value (26), competitive advantage (23), and using SDGs strategically to identify risks and opportunities (20).

Private Sector Survey

Please identify the key business drivers for your business/organization to embrace and advance the SDGs. Please select all that are relevant to your business/organization.

<table>
<thead>
<tr>
<th>Statement</th>
<th>No. of responses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sustainability actions are valued by our customers</td>
<td>29</td>
</tr>
<tr>
<td>Sustainability actions are valued by our suppliers</td>
<td>20</td>
</tr>
<tr>
<td>The SDGs are important to my business/organization and align with its core business principles and values</td>
<td>29</td>
</tr>
<tr>
<td>The SDGs represent a competitive advantage for my business/organization</td>
<td>23</td>
</tr>
<tr>
<td>Implementing the SDGs increases the brand value for my business/organization</td>
<td>26</td>
</tr>
<tr>
<td>We use the 5065 strategically to identify risks and opportunities</td>
<td>20</td>
</tr>
</tbody>
</table>

The table below outlines the types of support that will enhance companies’ impact on SDGs. Top responses include using SDGs to identify risks and opportunities (23), and engaging suppliers to work towards relevant SDGs (23). Companies also expressed interest in mapping SDGs with internal priorities (22), creating long-term strategies aligned with SDGs (21), and educating customers on sustainability (19). Lower prioritized support includes engaging the Board of Directors (18), strengthening senior management commitment (15), and communicating efforts (14).

Private Sector Survey

To what extent does your company collaborate on partnerships to address the SDGs with the following organizations?

<table>
<thead>
<tr>
<th>Organization</th>
<th>Actively engaged</th>
<th>To some degree</th>
<th>Would like to</th>
<th>Not at all</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cooperation with Saudi public institutions</td>
<td>20</td>
<td>12</td>
<td>7</td>
<td>3</td>
</tr>
<tr>
<td>Cooperation with Saudi not-for-profit and/or nongovernmental organizations and academic institutions</td>
<td>19</td>
<td>12</td>
<td>8</td>
<td>3</td>
</tr>
<tr>
<td>Cooperation with Saudi industry associations</td>
<td>13</td>
<td>13</td>
<td>10</td>
<td>4</td>
</tr>
<tr>
<td>Cooperation with international organizations</td>
<td>15</td>
<td>4</td>
<td>13</td>
<td>9</td>
</tr>
<tr>
<td>Cooperation under the UN Global Compact</td>
<td>14</td>
<td>4</td>
<td>8</td>
<td>11</td>
</tr>
</tbody>
</table>
The following is a summary of the inputs received from companies, reflecting their collective voice.

- Over the past four years, Saudi Arabia's private sector companies have actively engaged in diverse Corporate Social Responsibility (CSR) initiatives, addressing social and environmental issues across various sectors. These initiatives include environmental and sustainability efforts, COVID-19 response, education and training, community engagement and well-being, Hajj season support, women empowerment and inclusion, environmental preservation, and social initiatives. Companies have forged numerous public-private partnerships with organizations such as the Royal Commission, UNGC, NECC, Mawhiba, Sipchem, the Ministry of Health, GPCA, academic universities, and the National Royal Reserve.

- Despite their efforts, these companies face challenges in advancing action on the Sustainable Development Goals (SDGs), including low awareness among stakeholders, challenging targets, financial constraints, insufficient infrastructure, unclear indicators, and inertia in certain business sectors. To enhance their impact on the SDGs, the surveyed private sector representatives suggested regulatory direction, capacity development, SMART SDG targets, and partnerships with local and regional associations focused on SDGs.

- Participating companies believe that Saudi Arabia’s main focus on achieving the Sustainable Development Agenda should include establishing a mechanism to measure SDG impact, providing regulatory guidance, raising awareness in public and private sectors, and attracting experts. They also suggest concentrating on key areas such as Zero Hunger, Good Health, Industry, Innovation, Infrastructure, and Quality Education, as well as enhancing communication about the synergy between SDGs and Saudi Vision 2030.

- The companies recommend executing Saudi Vision 2030's objectives, realizing Saudi Green Initiative, and advancing the SDGs. Through diverse Corporate Social Responsibility (CSR) initiatives, private companies have contributed to environmental sustainability, COVID-19 response, education and training, community engagement, Hajj support, women empowerment, environmental preservation, and various social initiatives. Public-private partnerships have played a crucial role in facilitating these efforts. However, challenges remain, including low awareness, financial constraints, insufficient infrastructure, and lack of regulatory guidance. To enhance their impact on the SDGs, companies have suggested clearer regulatory direction, capacity development, partnerships, and increased knowledge exchange. Focusing on key areas such as Zero Hunger, Good Health, Industry, Innovation, Infrastructure, and Quality Education, Saudi Arabia’s efforts towards achieving the Sustainable Development Agenda will require enhanced cooperation between private businesses, non-profits, and public organizations.

Conclusion and Efforts Going Forward

This report has demonstrated the significant progress Saudi Arabia has made in the achievement of SDGs. This progress is evidenced in terms of both SDG indicators and the multitude of programs and initiatives that have been put in place in support of sustainable development. This report has demonstrated that the achievements are underpinned by Vision 2030, which provides a comprehensive and integrated strategy for economic and social development in the Kingdom, prioritizing environmental, social, and economic dimensions to ensure comprehensive sustainable development. The Kingdom is pursuing the achievement of Vision 2030 and SDG targets simultaneously and in a complementary fashion, with the former providing the framework for achieving the latter.

Overall, the emerging picture is one of remarkable success. First of all, this VNR report has shown that Saudi Arabia has established an extensive ecosystem of structures and working groups responsible for policy development, data and reporting, and strategic enablers, working together to ensure efficient and effective implementation of the SDGs. Furthermore, the analysis of SDG indicators presented in this report demonstrates in quantitative terms that Saudi Arabia has made significant progress across all social, economic, and environmental dimensions of the SDGs. Even in areas where there has been stagnation in terms of SDG indicators (like Life on Land or Life Below Water), the Kingdom has recently launched massive initiatives like the Saudi Green Initiative that addresses exciting challenges in a comprehensive and integrated fashion.

The VNR report provides a summary of major achievements across sectors. In the social sphere, the social welfare system has been modernized, making it more efficient and equitable. The overhauled social security system now provides a better safety net for people in need, particularly low-income families. It provides vulnerable individuals and families with tailored assistance and supports. The housing program helps Saudi families to own homes that meet their needs. Several government programs incentivize employment and entrepreneurship, especially for women and youth. People with disabilities are able to obtain education and jobs for a productive and fulfilling life. Saudi Arabia has also made significant progress in promoting the rights of women, with the government initiating a range of initiatives that facilitate women's participation in the labor force, entrepreneurship, and decision-making. Saudi Arabia's commitment and support for those most in need goes beyond its borders. The Kingdom has made substantial contributions to international organizations and has established partnerships with other nations to address global challenges, such as hunger, disease, and displacement.

In the area of human development, the Kingdom has made substantial progress through programs such as "Quality of Life" which have invested substantial resources, especially towards the most vulnerable. Increased public investment in education has resulted in greater access to early childhood education, improved quality of primary and secondary education and better opportunities for university education and professional training. Another remarkable recent trend is the increased number of partnerships by Saudi educational institutions with world-class universities to improve education offerings.

Expended public investments in the health sector have improved the efficiency, capacity and coverage of our healthcare system. Measures such as the construction of new hospitals and clinics, as well as the upgrading of existing facilities, have improved access to healthcare services, especially in rural and remote communities. Furthermore, by incentivizing the adoption of technology and innovations, such as electronic health records, telemedicine services and the use of artificial intelligence and robotics, the government improved the reach and efficiency of service delivery. Furthermore, Saudi Arabia enjoys now an increased number of trained healthcare professionals and improved quality of healthcare education and training programs. The prioritization of preventive care and the increased use of primary care as a first stop in the healthcare system has improved the efficiency of the healthcare system and has led to tangible improvements in child and maternal health, infectious diseases, non-communicable diseases. The government is paying increasing attention to emerging conditions such as diabetes and heart diseases and is promoting healthy lifestyles and preventative measures. This VNR report has also documented the way in which Saudi Arabia responded to the COVID-19 pandemic. By undertaking swift and decisive action to protect the health and well-being of its citizens and residents, the Saudi government was able to reopen the economy while maintaining necessary health and safety measures. Despite the significant impact, the Kingdom managed the crisis effectively as a result of concerted efforts in the health, social and economic spheres.
Saudi Arabia greatly values environmental protection and natural resource preservation. The flagship Saudi Green Initiative contributes in a significant way to the global effort to address climate change. The ambitious initiatives being launched under this initiative include implementing comprehensive energy efficiency programs, making significant investments in clean hydrogen and renewable energy sources, and developing cutting-edge carbon capture technology – all with significant impact on the environment. The establishment of several nature reserves and national parks has created safer habitats for native species and opportunities for eco-tourism. Additionally, several innovative initiatives in the area of waste management and significant investments in advanced technologies have reduced the environmental impact of waste disposal and helped to reduce greenhouse gas (GHG) emissions.

Through dedicated effort, the Saudi economy has become more diversified, competitive and resilient. Economic activity is intensifying in several sectors such as tourism, technology, and diversified energy. The government has stimulated SME entrepreneurship, which combined with privatization and investments in new industries and improvements in the business environment, has increased job opportunities, especially for the younger generation. The accelerated privatization of state-owned enterprises has boosted the efficiency of infrastructure and is attracting private investment. The modernization of the transportation infrastructure and the building of new housing have led to tangible improvements in the quality of life. The ambitious labor market reforms have increased the participation of women and young people in the workforce. The reforms in the financial sector have opened it to international finance and foreign capital.

This report has also outlined Saudi Arabia’s role in promoting sustainable development regionally and globally. During its presidency of the G20 in 2020, the Kingdom promoted sustainable development and environmental protection globally. The 2020 Saudi presidency of G20 was crucial for maintaining global attention on sustainable development, while simultaneously addressing the COVID-19 challenges. A direct result of Saudi Arabia’s leadership in the G20 was the adoption of the Circular Carbon Economy approach by G20 countries as an integrated and comprehensive framework to address GHG emissions. Saudi Arabia’s role in spearheading the Middle East Green Initiative and committing significant investments in renewable energy and other environmental protection measures in the regional context Saudi Arabia is furthering climate action in a substantive way beyond its borders.

While progress in the implementation of SDGs has been significant, one consistent finding of this VNR across most sectors is that there is a need for more and higher-quality data, which is a crucial aspect of achieving the SDGs. The government has recognized this need and has taken measures to improve data collection and analysis, with a focus on monitoring progress towards the SDGs. The establishment of the National Center for Performance Measurement is a significant step in this direction, and the government’s commitment to investing in research and development, particularly in the field of science, technology, and innovation, will undoubtedly contribute to enhancing the quality of data for the SDGs. Furthermore, the platform being put in place by the Ministry of Economy and Planning to enable stakeholders to track progress in achieving the SDGs using clear metrics is a valuable tool that fosters learning and knowledge sharing among stakeholders. Saudi Arabia’s ongoing efforts to improve data collection and quality demonstrate the country’s unwavering commitment to achieving the SDGs.

The next seven years will be crucial in shaping the future of the Kingdom and determining the extent and speed to which the aspirations of Vision 2030 and the SDG agenda will be realized. Moving forward, the Saudi government will continue to adapt and evolve its approach to ensure the successful implementation of Vision 2030 and SDGs. This will be grounded on intensive efforts to achieve economic diversification and job creation, while balancing the need to maintain social stability and address environmental concerns. These efforts will be illustrated in Saudi Arabia’s upcoming VNRs. The Saudi government aims at developing a total of four VNRs by 2030. The upcoming two VNRs, envisaged for 2025/2026 and 2030, will document the Kingdom’s continued progress in this area.

Annex I: Framework for the Promotion of Sustainability in the Corporate Sector

Incentive Schemes
- Incentives through National Renewable Energy Program (Ministry of Energy): Providing industrial sites, stable interest rates and long-term financing options for renewable energy projects targeting the private sector
- Employment Support Program (MHRSD): Providing subsidized payroll for Saudi job seekers by 30%-50% with a special focus on women, disabled candidates and those employed in SMEs and rural areas to drive national employment
- Qurnah (MHRSD): Encouraging mothers to join the workforce by subsidizing childcare by 400-800 SAR per month per child driving more diversity in the workforce
- Wusool (MHRSD): Subsidizing up to 80% of transportation costs for women, encouraging more women to join the workforce
- Supplemental Payroll Subsidies (MHRSD): Subsidizing payroll commitments of companies who have a high volume of local employees to encourage local hiring in the private sector. Companies can register 15-20% of their Saudi employees for subsidies.
- Mutajadeda (SIDF): Providing financing for renewable energy projects in the private sector with financing given up to 75% of project costs.
- Tanafusiya (SIDF): Providing financial to support industrial corporates improve energy performance and reduce consumption within the industrial sector.
- Incentives through the National Industrial Center (National Industrial Center): Tax exemptions including personal income, sales, and land and property tax relating to renewable energy projects as well as providing low-cost industrial sites, exemption from export duties and facilitation for labor requirements, all relating to renewable energy projects for companies.
- Sustainable Agriculture Rural Development Program (MEWA): Providing financial support for the development of sustainable agriculture activities in specific sectors such as fruit production and beekeeping.

Financing Tools
- Public Investment Fund (PIF) Green Finance Framework (PIF): framework developed by the Public Investment Fund to classify green projects and issue various types of green financing instruments including green bonds, Sukuk and loans to encourage the development of green projects. PIF has committed to investing 10+ billion USD by 2026.

Frameworks and Standards
- National Sustainability Standards (Ministry of Commerce): Set of voluntary sustainability standards to support companies disclose their sustainability practices.
- Tadawul ESG Guidelines (Tadawul): Guidelines on ESG reporting options with emphasis on ESG themes with local priority and key issues to incorporate in sustainability reports for all listed companies in the Saudi exchange.
- ESG Guidelines for PIF portfolio companies (PIF): Standardized reporting disclosures for PIF-owned companies along with ESG scoring.
- GCC Exchanges Committee ESG Disclosures (GCC Exchanges Committee): Set of guidelines of unified ESG metrics aimed to align GCC markets to global sustainability standards with emphasis on regional ESG priorities for listed companies in the GCC exchange markets.
Taxonomies and Rating Systems

- ESG Rating Framework "Inclusive ESG Framework and Scoring Methodology": Framework provides fair ratings to companies in emerging economies with higher emphasis on performance improvement compared to country risks to eliminate bias in companies’ ratings and ensure fair comparison.

Partnerships - Multi-stakeholder involvement

- Protection of victims of human trafficking (UN and KSA Human Rights Commission): Partnership between Saudi Arabia’s Human Rights Commission and the United Nations Office on Drugs and Crime to protect current and potential victims of human trafficking and detect and persecute perpetrators. This partnership has launched the first ever national referral mechanism in order to help identify victims.
- The Future Investment Initiative (FII and PIF): An annual event from the Future Investment Initiative Institute and the Public Investment Fund to bring together global leaders, investors, and innovators to discuss the country’s economy. A key achievement has been the development of an ESG framework and scoring methodology.
- Saudi Capital Market Forum (Tadawul): An annual event to bring together leaders, issuers, investors, and government entities to showcase Saudi’s ESG efforts.
- Saudi Green Initiative and Middle East Green Initiative (Saudi Green Initiative): National and regional efforts to mitigate the impact of climate change and improve quality of life for future generations. Key goals include protecting 30% of the Kingdom’s land and sea by 2030 and planning 50 billion trees across the Middle East.

Partnerships - Public Private Partnerships

- Government Partnership with HSBC (Ministry of Investment): The Ministry of Investment and HSBC have partnered to attract capital into the Kingdom supported by HSBC providing up to 1 trillion USD of financing to support the realization of Vision 2030.
- Carbon Capture and Storage (CCUS) Hub (Aramco, Ministry of Energy and Schlumberger): Saudi Aramco, Schlumberger and the Ministry of Energy have joined together to develop a carbon capture hub facility aiming to store up to 9 mtps of CO2 by 2027.
- Hydrogen mobility projects (Ministry of Energy): The Ministry of Energy along with eight partnering entities are establishing projects such as hydrogen fueled transportation and various other applications. These projects are aimed to diversify the Kingdom’s energy sources in line with Vision 2030 and neutralizing emissions by 2060.

Partnerships - Special Purpose Vehicles

- The Saudi Investment Recycling Company (PIF, MWAN): SIRC, an SPV, was developed by the Public Investment Fund and the MWAN, the National Center for Water Management, to establish recycling capabilities in the Kingdom and build a circular economy for a more sustainable future.

Partnerships - Roundtables

- Saudi Green Initiative (SGI) Forum (HRH Mohammed Bin Salman): Annual forum showcases the tangible progress made towards SGI targets in the Kingdom while forging partnerships in key sustainability sectors to accelerate progress towards climate goals.
- Sustainable Council (Ministry of Industry and Mineral Resources): Annual council, bringing together key stakeholders to unify the efforts of the industry and mineral resources.

Raising Awareness and Capability Building - Awareness campaigns

- Let’s Make it Green (MEWA): Launched by the Ministry of Environment Water and Agriculture and the National Center for Vegetation Cover Development and Combating Desertification, this campaign was launched to plant 10 million trees in 6 months across the Kingdom to progress on Vision 2030 objectives.
- The Environment Week (MEWA): Launched by the Ministry of Environment Water and Agriculture to host an annual week to raise individual awareness and responsibility and to achieve an environmentally conscious society specifically targeting topics related to desertification, waste management, pollution, and environmental protection.

Raising Awareness and Capability Building - Capability building

- Nokhab programs (SIDF): Programs launched by SIDF focused on the development of Saudi talent by providing benefits to applicants such as financial rewards, social insurance, and allowances. This program focuses on Saudi talent with a bachelor’s degree.
- Saudi Arabia TCFD 101 (Tadawul): Launched by Saudi Tadawul Group in partnership with Sustainable Stock Exchange Initiative, CDP and International Finance Corporation to host an online workshop, free of charge, to provide training on climate disclosures and give an overview of TCFD recommendations. The initiative is targeted towards companies on the Saudi Exchange.
- MSK Young Women Leadership Program (Mohammed Bin Salman Foundation): Launched by Mohammed Bin Salman Foundation to enhance women’s leadership potential and become influential members in the workplace, supporting goals in Vision 2030.

Raising Awareness and Capability Building - Awards and competitions

- Environmental management in the Islamic world award KSAEM (MEWA): Issued by the Ministry of Environment Water and Agriculture and Islamic World Educational, Scientific and Cultural Organization on a bi-annual basis to honor individuals and private sector institutions for their contributions to achieving the 2030 SDGs in environmental areas.
- Best ESG Award (Tadawul): Annual award to honor companies on their sustainability-related efforts.
- King Khalid Sustainability award (King Khalid Foundation): Annual award to honor private and semi-governmental entities that adopt best ESG practices and initiatives.