

We have the pleasure of highlighting a number of IRENA initiatives and reports in line with the themes of the 2019 HLPF "*Empowering people and ensuring inclusiveness and equality*" - and the focus on SDG 4 on quality education, SDG 8 on decent work and economic growth, SDG 10 on reducing inequalities, SDG 13 on climate change and SDG 16 on peaceful societies, justice and strong institutions together with SDG 17 on global partnerships -, and which seek to contribute towards advancing the implementation of the SDGs under review.

- **SDG 13:**

IRENA's Global Energy Transformation: A Roadmap to 2050

The *Roadmap to 2050* report outlines how renewable energy and energy efficiency combined can deliver 90% of energy-related emissions reductions needed to achieve the well-below 2°C objective of the Paris Agreement. At the same time, the report highlights how such a pathway is not only technically feasible and economically attractive, but would have significant socio-economic benefits that can contribute to realising the 2030 Agenda on Sustainable Development as a whole (See ES attached. *Please note that 2019 edition of this annual report will be released early April 2019*).

IRENA's Untapped potential for climate action: Renewable energy in Nationally Determined Contributions.

The *NDC report* finds that renewable energy targets in NDCs are often less ambitious than targets that countries have already established in national energy plans and strategies. It notes that the cost-effective potential for renewables is much higher than what is captured in current NDCs. Accurately reflecting renewable energy sector developments in NDCs is key for attracting investors, thereby accelerating the energy transformation in line with the urgent need to tackle climate change (see attachment).

- **SDG 8:**

IRENA's Renewable Energy and Jobs - Annual Review 2018,

The report highlights the tremendous potential of renewables for creating jobs across the globe. This includes different employment opportunities across the value chain of renewable energy. Access to electricity through (off-grid) renewable energy solutions will also further enable economic opportunities and job creation (see attachment).

- **SDG 17 : Multi-stakeholder partnerships**

The Small Island Developing States (SIDS) Lighthouses initiative (LHI)

The SIDS LHI is a multi-stakeholder partnership that aims to support SIDS in the transformation from a predominantly fossil-based to a renewables-based and resilient energy system. The initiative addresses all elements of the energy transition, from policy and market frameworks to technology options and capacity building. It brings together 36 SIDS as well as 22 other partners, including regional and international organisations, development agencies, private companies, research institutes and non-profit organisations. IRENA is the coordinator and facilitator of the initiative. Launched at the United Nations Climate Summit in 2014, the initial LHI targets for 2020 have been met and exceeded ahead of schedule. Taking into consideration the commitments of SIDS and development partners, and the evolution of the energy context, new

priority areas and target have been identified and endorsed by partners in a high-level meeting held at the UN last September (please see relevant attachment for further information).

The Global Geothermal Alliance

The Global Geothermal Alliance (GGA) serves as a multi-stakeholder coalition for action to increase the use of geothermal energy, both in power generation and direct use of heat. It calls on governments, business and other stakeholders to support the deployment of realizable geothermal potential. The Alliance has an aspirational goal to achieve a five-fold growth in the installed capacity for geothermal power generation and more than two-fold growth in geothermal heating by 2030. It is composed of 46 Members and 36 partners (for further information see: <http://www.globalgeothermalalliance.org/>).

The IRENA Coalition of Action

The IRENA Coalition for Action brings together over 80 leading renewable energy players including private sector companies, industry associations, civil society, research institutes and intergovernmental organisations to discuss industry trends, determine actions, share knowledge and exchange best practices with the vision to drive the global energy transition in line with the Sustainable Development Goal on energy (SDG 7). Its mission is to foster a global dialogue amongst non-governmental and governmental stakeholders to develop actions to increasing the share of renewables in the global energy mix (for further information:, see <https://coalition.irena.org/>).