A new geography of research and the Sustainable Development Goals

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Capacity is being built:  
*Number and percentage of scientific articles with authors in High Income and Low-and-Middle Income Countries (HIC and LMIC).*

In the left graph, we see the trend in the number of research articles from 1960 to 2030, with a significant increase in articles from Low-and-Middle Income Countries (LMIC) relative to High Income Countries (HIC) over time.

In the right graph, we see the percentage of research articles from LMIC as a proportion of total research articles, indicating a steady increase in contribution from LMIC over the years.
Publs on SDG 2 with authors in countries of all World Bank categories

Authors in LMIC

Authors in HIC

Source: Elsevier SCOPUS
Capacity Building, an increase relevance for the Global South, Funding challenges

- There is a new geography of research and science in the World
  - Capacity building efforts are bearing fruit
  - Low-and-Middle Income Countries are more relevant in science than they have ever been

- The main national funders in 100 countries invest USD 32 billion per year in SDG related research
  - Increasing speed to improve achievement requires more investment -> better support for funders

- Funding and capacity for Sustainable Development Goal related research and innovation (HLPF/2024/7)
  - [116] International cooperation in science, technology and innovation, multi-stakeholder partnerships and community engagement are vital. ....
  - [117] Governments are encouraged to increase spending on basic or applied research with a focus on the Sustainable Development Goals by an additional 3.7 per cent per year between 2025 and 2029. Funding selections should prioritize international collaborations, encouraging funders to jointly issue open calls for proposals and to select and finance research projects. Public funders should also seek matching funds from the business sector.
Main Research Funders supporting SDG related research

25 Funders in the Global Research Council by number of publications targeting SDGs and acknowledging support

Funders in LMICs are colored red
**SDG 2: High-Income Countries and Low and Middle-Income Countries (LIC, LMIC, UMIC)**

**Graph 1:**
- **Title:** Publs on SDG 2 with authors in countries of all World Bank categories
- **Source:** Elsevier SCOPUS
- **X-axis:** Years (1965 to 2025)
- **Y-axis:** Number of publications (0 to 60,000)
- **Legend:**
  - Authors in HIC, LIC, LMIC, UMIC
  - Authors in LIC, LMIC, UMIC

**Graph 2:**
- **Title:** Publs on SDG 2 with authors in countries of all World Bank categories
- **Source:** Elsevier SCOPUS
- **X-axis:** Years (1965 to 2025)
- **Y-axis:** Percentage (%)
- **Legend:**
  - Authors in LIC, LMIC, UMIC
  - Authors in HIC
High Income Countries (HIC) and Low-and-Middle Income Countries (LMIC)

Number of scientific articles and number of authors

![Graph showing the number of research articles and authors from 1960 to 2030 for HIC and LMIC. The graph indicates that LMIC has seen a 10% increase per year, while HIC has seen a 5% increase per year. The data is sourced from Elsevier SCOPUS.](image-url)