

**Workshop on Building Capacity and Exploring Resources for implementing STI4SDGs Roadmaps | Department of Economic and Social Affairs (un.org)**

Oct. 8-9, 2024

Co-organized by DESA and ECA

**Call for Inputs: Guidebook for the Development and Implementation of Science, Technology, and Innovation (STI) for SDGs Roadmap for the Six Transitions**

September 2024

The 2030 Agenda for Sustainable Development launched the Sustainable Development Goals (SDGs) and the UN [Technology Facilitation Mechanism](#) (TFM) to support their implementation in 2015. The Agenda positioned science, technology, and innovation (STI) as one of the key means for achieving the SDGs and the annual STI Forum has been the main TFM platform for discussing topics of common interest to Member States and STI stakeholders. The STI Forums highlighted the importance of having STI Roadmaps and action plans at all levels to evaluate what is or is not working and track the progress of STI in achieving the SDGs.

Building on the [UN Workshop on Building Capacity and Exploring Resources for implementing STI4SDGs Roadmaps](#), Addis Ababa, Ethiopia, the United Nations Department of Economic and Social Affairs (UN DESA) invites written inputs from participants that can further help to inform a forthcoming Second Guidebook for the Development and Implementation of Science, Technology, and Innovation (STI) for SDGs Roadmap for the Six Transitions. This Guidebook, which will draw from contributions made during the Addis Ababa workshop, aims to provide practical, step-by-step guidance for countries, regions, and stakeholders on the effective use of STI to drive progress towards the Sustainable Development Goals (SDGs). The Guidebook will have a special focus on the six key transitions that can have catalytic and multiplier effects across the SDGs. These

include (1) food systems; (2) energy access and affordability; (3) digital connectivity; (4) education; (5) jobs and social protection; and (6) climate change, biodiversity loss and pollution.

**Key Topics for Contributions:** We welcome inputs in the following four focused areas<sup>1</sup>:

**1) Mapping the STI landscape and key STI indicators:** Contributions that help to map the landscape of skills, capabilities, and activities related to STI roadmaps across different countries and regions. This includes providing insights into STI and engineering partnership models, capacity-building efforts, indicators, and national/regional STI policy frameworks.

**2) Challenge-Led STI4SDG Roadmaps:** In-depth analysis of STI roadmaps aimed at addressing specific societal challenges to transformative change for the SDGs in any of the six key transitions. Submissions should explore interdisciplinary collaboration, stakeholder engagement, and effective means of harnessing synergies and managing trade-offs to accelerate SDG progress.

**3) The Evolution of Science Systems for Sustainability Transformations:** Contributions on how science systems need to evolve to support the six transitions (e.g., food systems, energy access and affordability, digital connectivity, education, jobs and social protection, and climate change, biodiversity loss and pollution)<sup>2</sup>. Inputs may include examples of successful systemic changes at national or global levels.

**4) Funding Models and Policy Instruments for STI to Advance SDGs:** Analysis of funding mechanisms and policy instruments that close financing gaps for the national implementation of STI for the SDG roadmaps. We invite submissions examining existing and innovative funding models, including their strengths and weaknesses, and highlighting design principles for effective voluntary international mechanisms. Submissions may also explore how resources can be effectively deployed through strategic investment plans and STI policy instruments. Consideration should be given to best practices in design and implementation, including the necessary capacities.

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<sup>1</sup> For guiding questions of the four focused areas, see guidelines of the Addis Ababa workshop [here](#).

<sup>2</sup> For more information about the six transitions, see [here](#).

**Guidelines for Submissions:**

Contributions should include practical recommendations and/or examples of good practices that can be informed into the Guidebook.

Submissions should concise contributions of around **1,600 words** (excluding references and Annexes).

**Timeline:***Submission Deadlines for the Call for Inputs*

- **Abstract Deadline:** Please submit an abstract of your proposed contribution by **20 October 2024**.
- **Full Submission Deadline:** Full contributions are due by **29 November 2024**.

A suggested template for the inputs, and background information about the Guidebook will be shared with invited contributors.

**Submission:**

Please send your submissions to: [liuw@un.org](mailto:liuw@un.org) and [nyu.wang@un.org](mailto:nyu.wang@un.org) . Please indicate which of the four key topics your contribution relates most closely to. Late submissions may be considered on a case-by-case basis.