



UN 75th General Assembly

Side Event on STI for SDGs Roadmaps

Science, Technology and Innovation Roadmaps for the SDGs – achievements and new opportunities

Date: 17 November 2020

Time: 10.00-13.00 EST

Venue: Virtual Meeting (Webex)

Registration: <https://sdgs.un.org/events/un75th-ga-side-event-sti-sdgs-roadmaps-science-technology-and-innovation-roadmaps-sdgs> (before 13 November 2020)

Co-organized by DESA (on behalf of IATT), EC/JRC, OECD, and Japan

CONCEPT NOTE

Background

The Addis Ababa Action Agenda¹ and the 2030 Agenda for Sustainable Development recognise science, technology, and innovation as a means to achieve the Sustainable Development Goals (SDGs). In the context of implementing the [Technology Facilitation Mechanism](#) under the above named Agendas, the Global Pilot Programme on Science, Technology and Innovation for SDGs Roadmaps was launched in 2019 with an initial group of five pilot countries (Ethiopia, Ghana, India, Kenya and Serbia), based on a newly developed "Guidebook for the Preparation of STI for SDGs Roadmaps". The joint work on the Guidebook and Global Pilot Programme has brought together different UN Agencies such as UN-DESA, UNESCO, UNIDO, UNCTAD and the World Bank, together with other international partners such as the Government of Japan, the Joint Research Centre of the European Commission and the OECD. The Guidebook is accompanied by two background papers: on available STI road-mapping methodologies and international partnerships.

Objective

In celebration of UN 75th anniversary, this event will focus on the preliminary results and the next steps for the finalization of the pilot roadmaps as part of the Global Pilot Programme for STI for the SDGs and will present proposals and ideas for the expansion of the Global Pilot Programme within the new initiative "Partnership in Action".

¹ https://www.un.org/esa/ffd/wp-content/uploads/2015/08/AAAA_Outcome.pdf

This will be a basis to discuss the potential application of the STI for SDGs roadmap to support the economic and social recovery post COVID-19 and the implementation of greener development models based on the experience of IATT partners and the countries participating in- and applying to- the Global Pilot Programme on STI for SDGs Roadmaps.

Structure

A 3-hour session will be structured into two main parts with a break. The first part will give an overview of the context, state of play, recent developments and next steps within the Global Pilot Programme and STI for SDGs work stream, and the launch of the [Guidebook](#) for the Preparation of STI for SDGs Roadmaps. It will be followed by an interactive, moderated discussion with all participants. The second part will focus on the proposed future development of the work stream and Global Pilot Programme, including the potential partnership and financing options and new methodological developments. It will also be followed by an interactive, moderated discussion – between the panelists and with a wider audience.

Participation

The virtual event will bring together speakers from the EC, UN agencies and UN Member States. It is directed to the countries and organizations interested in applying science, technology and innovation in order to achieve the SDGs, respond to the development challenges and contribute to the post-crises recovery and resilience in a sustainable and knowledge-based manner. In particular, the event will welcome all countries that are interested in the next phase of the Global Pilot Programme, as well as potential donors and partners in the implementation of the Global Pilot Programme.

Key issues to focus

- Launch of the Guidebook for the Preparation of Science, Technology and Innovation (STI) for SDGs Roadmaps.
- The role of STI for SDGs Roadmaps in the achievement of Agenda 2030 and sustainable post-COVID recovery and a common framework for sectoral or problem specific Roadmaps
- Concrete results from pilot countries and the major milestones of the work on STI Roadmaps so far and what are the planned next steps.
- International partnerships, voluntary commitments, and networks to promote and increase the development and implementation of STI for SDGs Roadmaps at the international, regional, and national levels, and proposals for scaling up the Global Pilot Programme.

This event supports the work of the UN Inter-Agency Task Team Group on STI for SDGs Roadmaps. The Group is co-led by UN-DESA, the World Bank, UNESCO, UNCTAD. Its members also include UNIDO, UN-ESCAP, ESCWA, UNDP, and FAO, among others. Substantial support has been provided by international stakeholders, including the European Commission's Joint Research Centre, the Organization for Economic Co-operation and Development and the Government of Japan.

Deliverables

Better understanding on how to apply the experience of international organizations and UN Member States on using science, technology and innovation to achieve the SDGs to build pathways to sustainable recovery and future resilience. In particular, strengthening a community and expert network for further enhancing the work on:

- The Guidebook and associated publications and resource base
- Recognition by national governments of the crucial role STI roadmaps can play in forwarding the implementation of the SDGs at the national and local level
- Sharing of experiences with implementing the Guidebook, developing STI for SDG roadmaps at the national level and using STI roadmaps for assisting countries to recover post-COVID and build resilience.
- A one-stop-shop for UN expertise available in support of international, national and local STI for SDG roadmaps
- The establishment of a proposed Partnership in Action process supported by a fundraising initiative to enable the development international, national and local STI for SDG roadmaps

TENTATIVE PROGRAMME

Moderator: Ms. Liliana Pasecinic, Joint Research Centre, European Commission

10.00 – 10.15 Welcome and opening remarks:

Mr. Shantanu Mukherjee, Chief, Integrated Policy Analysis Branch (IPAB), Division for Sustainable Development Goals, United Nations Department of Economic and Social Affairs (UN-DESA)

Mr. Bernard Magenhann, Deputy Director General, Joint Research Centre, European Commission

Ms. Shamila Nair-Bedouelle, Assistant Director-General for Natural Sciences, UNESCO

PART 1

Guiding Questions:

- What are your country's key achievements [expectations] through participation in the Global Pilot Programme on STI for SDGs roadmap?
- What challenges did you face [do you anticipate] - especially in the context of urgent needs and opportunities to apply STI for resilient recovery from the COVID-19 pandemic?
- What lessons and advice would you share with other countries for the next phase of the Global Pilot Programme?
- What should UN and international partners consider to further enhance support to countries to harness STI planning for achieving the SDGs?

Moderator: Mr. Wei Liu, Coordinator, UN Inter-agency Task Team on Science, Technology and Innovation for the SDGs (IATT), Division for Sustainable Development Goals, United Nations Department of Economic and Social Affairs (UN-DESA)

Brief introduction to the Global Pilot Programme

10.15 – 11.15

Introduction: Dr. Michiharu Nakamura, UN Secretary's General 10-Member Group to Support the Technology Facilitation Mechanism

The achievements of the UN Working Group for STI Roadmaps for the SDGs (5 minutes)

Ministerial Roundtable - National Achievements on STI for SDGs Roadmaps and the Global Pilot Programme on the subject

H.E. Dr. Samuel Urkato, Minister, Ministry of Science and Higher Education (MoSHE), Ethiopia (5 minutes) (tbc)

Dr (Mrs) Wilhelmina Quaye, Director of the CSIR-Science and Technology Policy Research Institute, Accra, Ghana, representative of **H.E. Prof. Kwabena Frimpong Boateng**, Minister of Environment, Science, Technology and Innovation, Ghana (5 minutes)

H.E. Prof. VijayRaghavan, Principal Scientific Advisor, Government of India (5 minutes)

Mr. Viktor Nedovic, Director of Serbia Accelerating Innovation and Entrepreneurship Project – SAIGE, Ministry of Education, Science and Technological Development, representative of **H.E. Dr Slavica Djukic Dejanovic**, Special Adviser to the Prime Minister of the Republic of Serbia (5 minutes)

Prof. Walter O. Oyawa, Director General, National Commission for Science, Technology & Innovation (NACOSTI), Kenya (5 minutes)

Q & A

Lead discussant:

H. E. Mr Serhiy Shkarlet, Acting Minister of Education and Science of Ukraine (3 minutes)

Mr. Fumikazu Sato, Councillor for Innovation Promotion, Cabinet Secretariat / Deputy Director General for Science, Technology and Innovation, Cabinet Office, Government of Japan (3 minutes)

Dr. Thazin Han, Representative of Department of Research and Innovation, Ministry of Education, Myanmar (3 minutes)

11.15-11.20 Break

PART 2

Guiding Questions:

- **What key contributions or commitments can your agency or constituency make to support initial and future pilot countries in developing and implementing STI for SDGs roadmaps?**
- **What are key areas requiring additional collective efforts to promote effective national and international efforts on STI for the SDGs?**
- **What kind of activities (capacity building, roadmap design, implementation, monitoring etc. need support? Which are the good practice examples that can inspire the proposed Partnership in Action?**

Moderator: Ms. Monika Matusiak, Coordinator for Smart Specialisation and Sustainable Development Goals, Joint Research Centre, European Commission

Brief introduction of the proposed Partnership in Action and Call for Voluntary Commitments

11.20-12.50

Introduction: Dr. Veerle Vandeweerd, Managing Partner, Platform for Transformative Technologies (P4TT) and Co-founder of G-STIC and its policy director (2017-2019)

The proposed Partnership in Action --- A Call for Voluntary Commitments for Supporting STI Roadmaps for the SDGs (2020-2025) (5 minutes)

Stakeholder roundtable: Partnerships and resource mobilization for STI for SDGs Roadmaps

H.E. Mr. Tetsuya Kimura, Ambassador for Economic, Social and the UN Management Affairs at the Permanent Mission of Japan to the UN (5 minutes)

Dr. Mario Cervantes/Dr. Michael Keenan, Senior Economist, Science and Technology Policy Division, Directorate for Science, Technology and Industry, OECD (5 minutes)

Mr. Bjørn Tore Kjellemo, Director, Department for Global development and international relations, Research Council of Norway

Ideas for international cooperation on STI for SDGs Roadmaps (5 minutes)

Prof. Xiaolan Fu, Director, Technology and Management Centre for Development, Oxford University

Ideas for capacity building programme on STI roadmaps (5 minutes)

Q & A

Lead discussant:

Dr. William Colglazier, Editor-in-Chief, Science & Diplomacy, Senior Scholar, Center for Science Diplomacy (3 minutes)

Dr. Paulo Gadelha, Member of the 10 members group of the UN Secretary General, Coordinator of the FIOCRUZ Strategy for the 2030 Agenda, Oswaldo Cruz Foundation (FIOCRUZ), Brazil (3 minutes)

Discussant:

Mr. Kareem Hassan, Executive Director of ESCWA Technology Centre, ESCWA (2 minutes)

Mr. Nobuya Haraguchi, Chief, Research & Industrial Policy Advice Division, UNIDO (2 minutes)

Mr. Jonathan Wong, Chief of Technology and Innovation, ESCAP (2 minutes)

Mr. Victor Konde, Officer-in-charge, Green Economy, Innovation and Technology Section, UN Economic Commission for Africa (2 minutes)

Mr. Naoto Kanehira, Senior Private Sector Specialist, the World Bank Group (2 minutes)

Mr. Selvaraju Ramasamy, Head, Research and Extension Unit, Office of Innovation, Food and Agriculture Organization of the United Nations (FAO) (2 minutes)

Mr. Michael Anthony Lim, Economic Affairs Officer, UNCTAD (2 minutes)

Ms. Kornelia Tzinova, Assistant Programme Specialist, UNESCO (2 minutes)

Expected outcome of the session: common understanding on the need to continue and expand the Global Pilot Programmes and prepare to consider commitments for mobilizing more resources, including funding or otherwise supporting the expanded Global programme and contribute actively to the proposed Partnership in Action

12.50-13.00

Moderator: Mr Alessandro Rainoldi, Head of Unit, Territorial Development, European Commission -Joint Research Centre

Closing remarks:

Ms. Maria-Francesca Spatolisano, UN Assistant Secretary-General for Policy Coordination and Inter-Agency Affairs, DESA

Mr. Mikel Landabaso Alvarez, Director for Growth and Innovation, Joint Research Centre, European Commission