

17 November 2020

10:00–13:00(EST)

Side Event on STI for SDGs Roadmaps

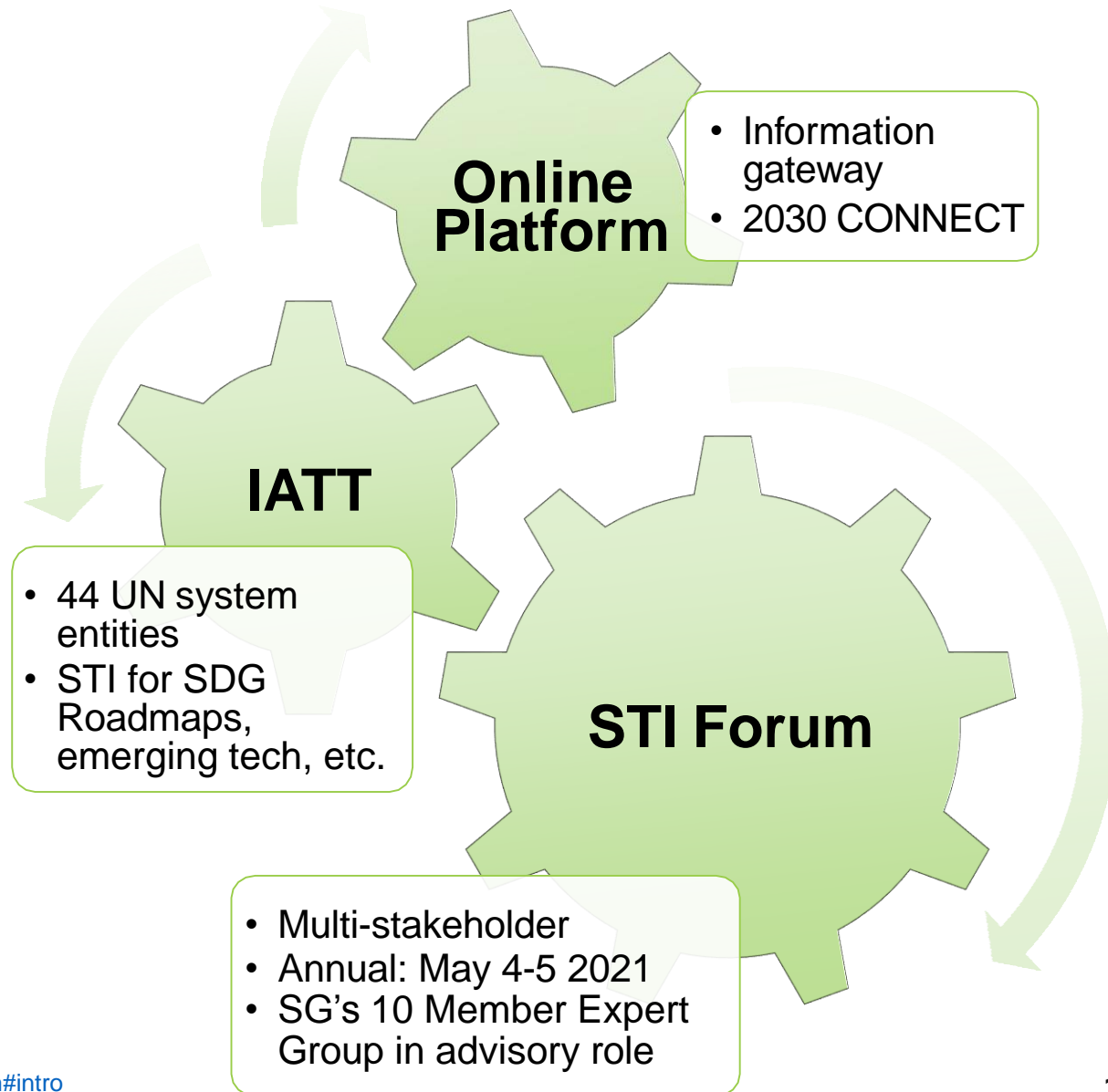
The Achievements of the UN Working Group for STI Roadmaps for the SDGs

Michiharu Nakamura

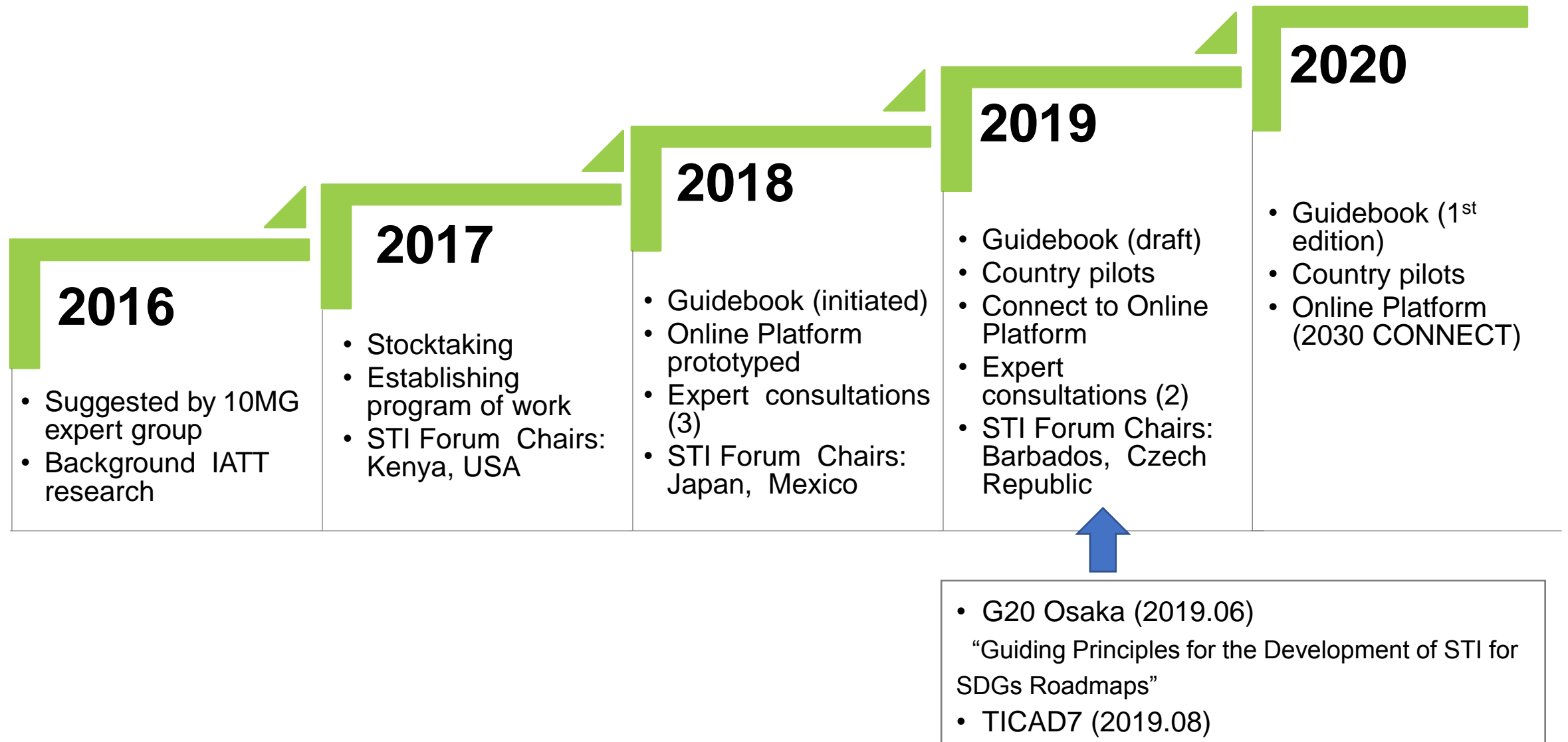
UN Secretary's General 10-Member Group to Support the Technology Facilitation Mechanism

The "Technology Facilitation Mechanism" (TFM) has three components:

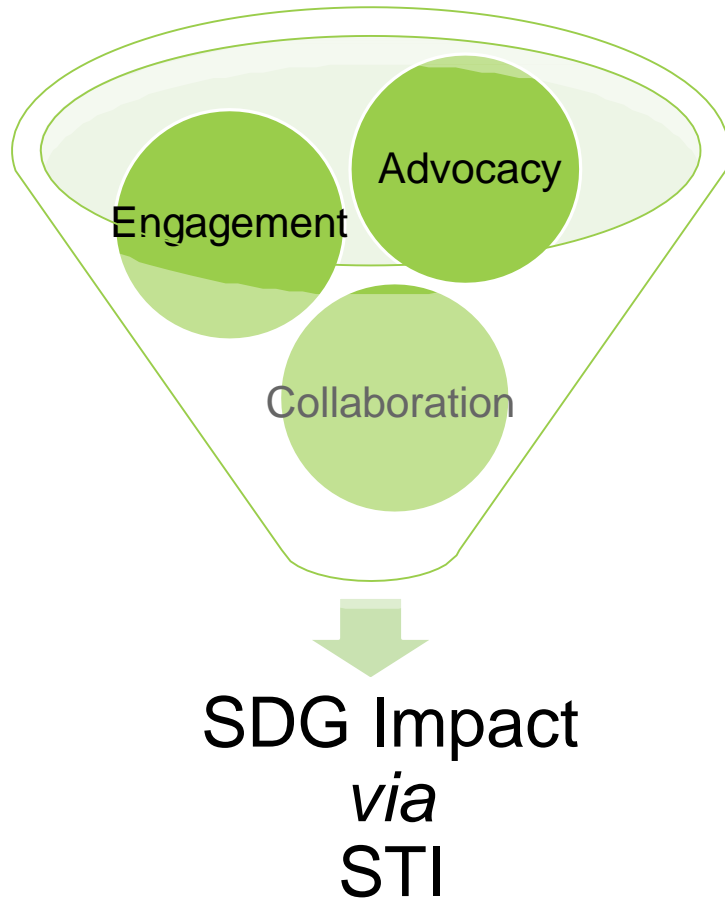
1. A United Nations **Interagency Task Team on Science, Technology and Innovation for the SDGs (IATT)**, including the 10-Member Group of representatives from civil society, the private sector and the scientific community
2. A collaborative **Multi-stakeholder Forum on Science, Technology and Innovation for the SDGs (STI Forum)**
3. An **online platform** as a gateway for information on existing STI initiatives, mechanisms and programs



STI for SDGs Roadmaps workstream and progress

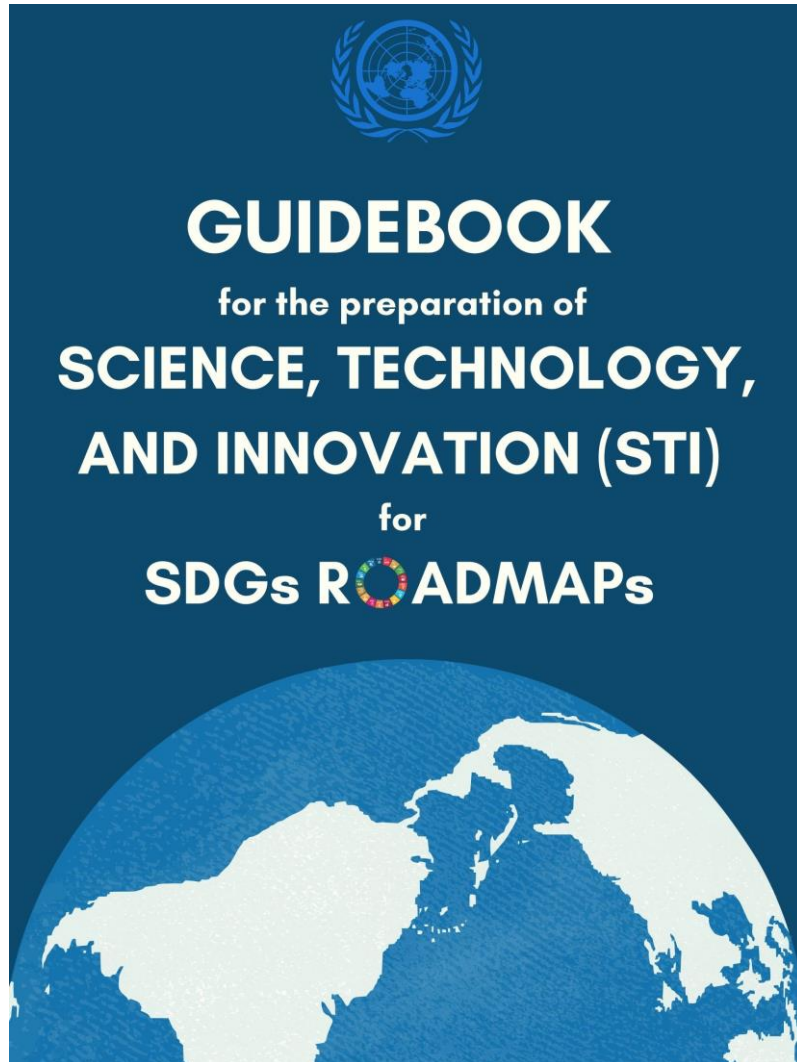


What are STI for SDGs Roadmaps?

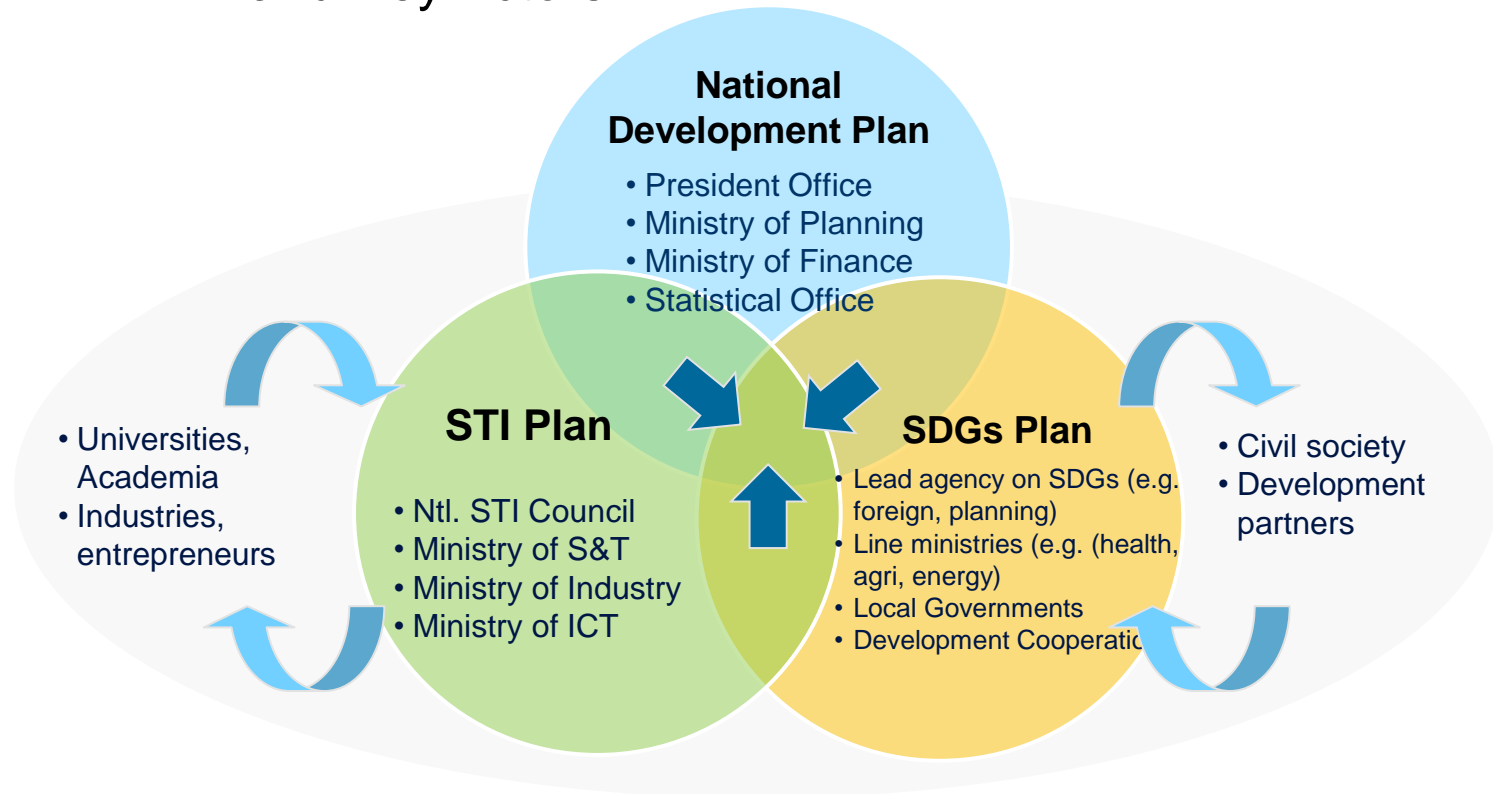


- Implementation focused instruments
- Vary by context and level – subnational to global
- Connect STI ‘demand’ to ‘supply’
- Deploy solutions based on existing, new and emerging technologies
- Multi-stakeholder approach with emphasis on equitable participation
- Identify concrete collaboration, financing, capacity, international cooperation interventions
- Stimulate global search for effective solutions
- Monitor and evaluate the progress of STI for SDGs

The Guidebook for the Preparation of Science, Technology and Innovation for SDGs Roadmaps



Intersection of Development, STI and SDG Plans and Key Actors

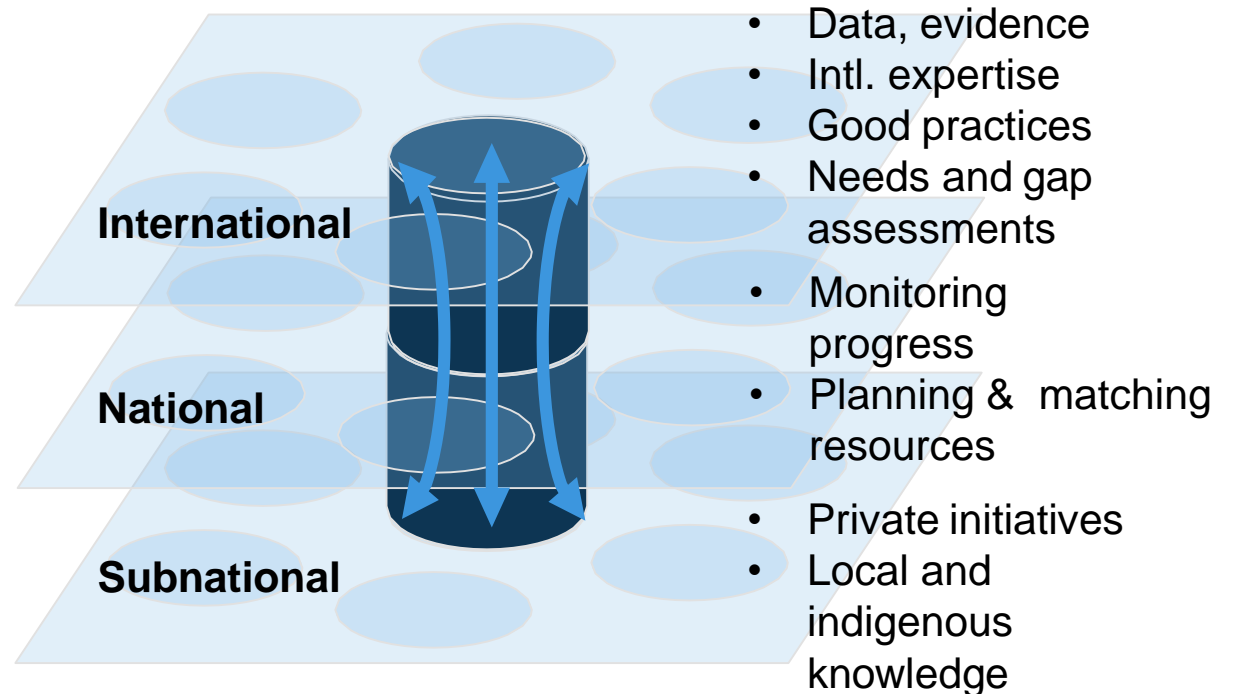


The Framework of STI for SDGs Roadmaps

Process flow of six key steps in the development of STI for SDGs roadmaps



Three levels of STI For SDGs Roadmaps



Global Pilot Programme on STI for SDGs Roadmaps

1st Phase Pilot Programme

- **Pilot Countries : Ethiopia, Ghana, India, Kenya, and Serbia**
- **Partner Countries : Japan and the European Union**

Objectives:

- **Test out the guidebook** on building STI for SDGs Roadmaps as a policy-making and communication tool for Member States;
- **Build capacity** for and scale up adoption of the Member States' STI for SDGs Roadmaps;
- **Promote good practices**, knowledge sharing, peer learning, international cooperation and partnerships on design and implementation of such roadmaps;
- **Maximize opportunities and mitigate risks** of STI and frontier technologies to accelerate achievement of the SDGs; and
- **Leveraging and mobilizing resources**

Online platform: 2030 CONNECT



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2030 CONNECT

a United Nations online technology platform for the SDGs



Document or keyword

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2030 Connect is a dynamic new tool for entrepreneurs, innovators, students and leaders from around the world seeking to exchange ideas and technology, build networks, and work to advance the Sustainable Development Goals (SDGs).



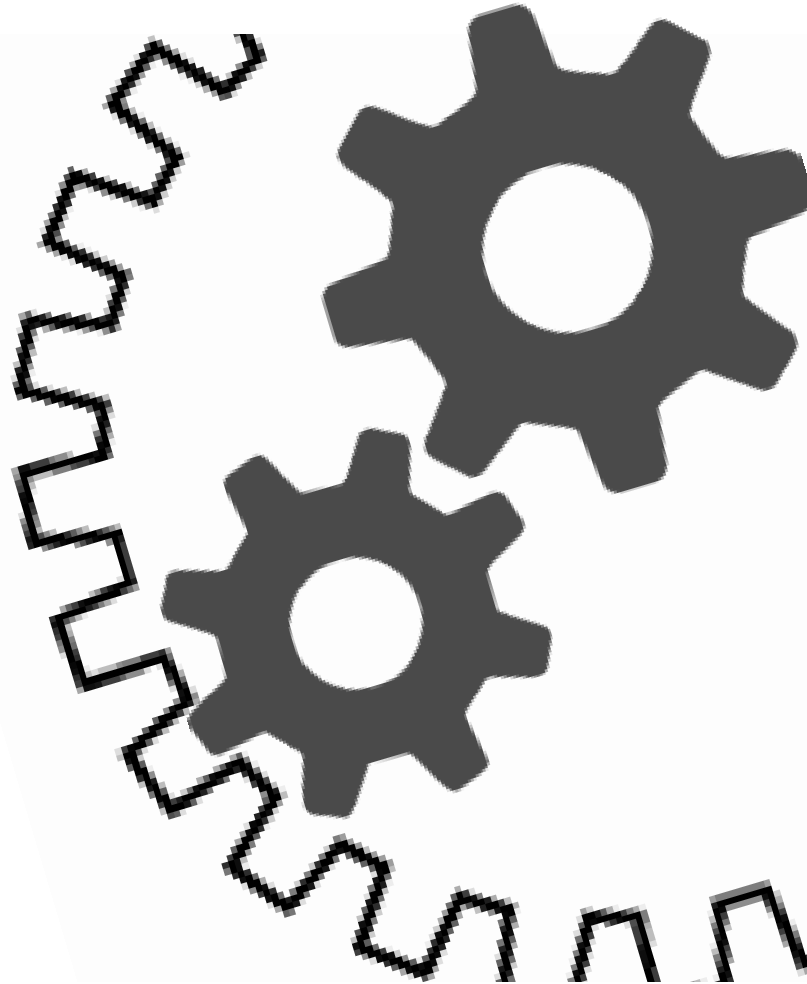
<https://tfm2030connect.un.org/>

Three pillars for international STI collaborations for the SDGs

1. Build country STI capacity

2. Boost international STI flows

3. Broker STI coalitions



- Develop human, institutional and policy capabilities of key STI actors, build STI infrastructures
- Help design STI for SDGs Roadmaps
- Support market and non-market flows of STI across countries
- Support cross-country STI collaboration to address local challenges
- Mobilize ambitious STI collective actions to address global critical gaps
- Transform global STI system toward acceleration of SDGs

Lessons learned from COVID-19

- **Preparedness for pandemic risks –resilient society**
- **Speed of science, technology, innovation, and delivery**
- **Leveraging digital technologies and data**
- **Open science for global public goods**
- **Transdisciplinary approach**
- **International STI cooperation**
- **Science-policy-society interfaces**

Thank you for your cooperation