

High-level HLPF side event co-organized by the  
Government of Serbia/METD, EC – JRC, UN DESA,  
the Government of Japan/JST

# Japan's Roadmaps and Efforts to Promote STI for SDGs

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# Guidelines for “STI for SDGs Roadmap”

## Guiding Principles

June 2019

With **national-level roadmaps**, governments should:

- **correlate** national STI policies
- **accelerate** collaborations beyond sectors and institutions
- **provide** advice to relevant ministries and institutions
- **allocate** resources and budget for implementation
- **create** environment where multi-stakeholders can collaborate

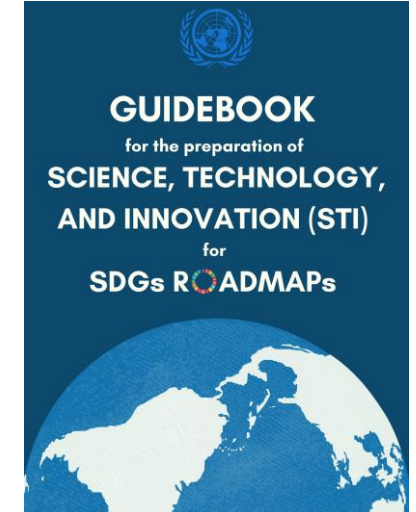
## Guidebook

- Policy frameworks and key actors
- Step-by-step guidance
- International Cooperation

1. **Build** country STI capacity

2. **Boost** international STI flows

3. **Broker** STI coalitions



# Approach for realizing SDGs utilizing STI

## Approach

### Approach 1

Address challenges in various service areas with specific technologies

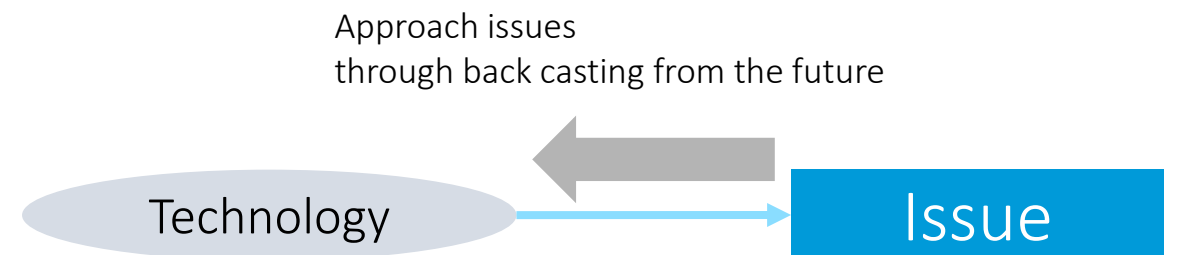
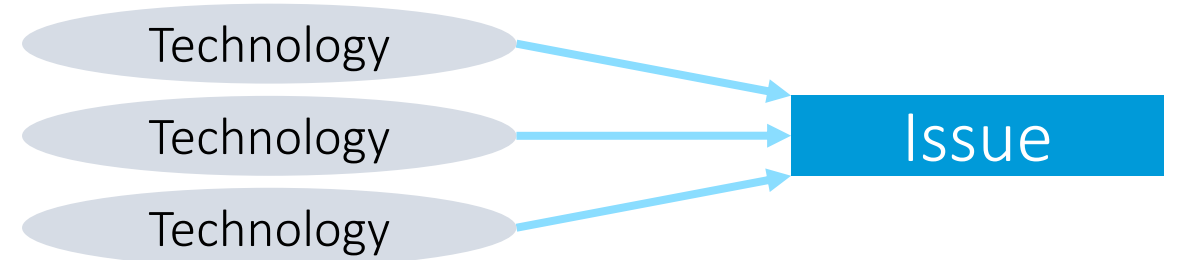
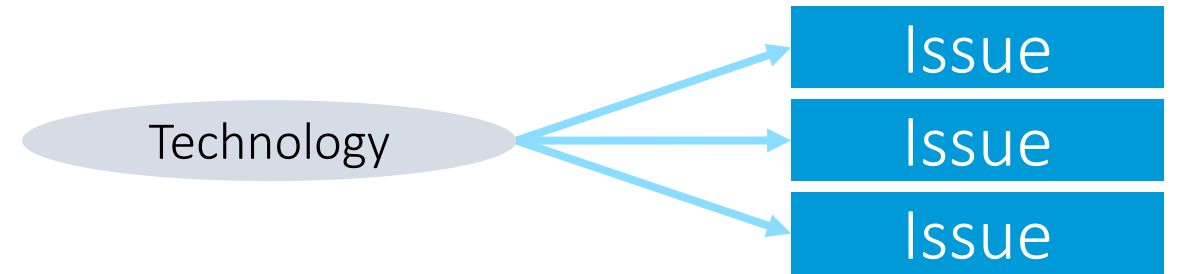
### Approach 2

Address specific challenges by utilizing various technologies













### Approach 3

Address challenges by back casting from the desired future outcome

## Image



# Examples of STI for SDGs Roadmaps under National Strategies in Japan

Strategies and Plans	Roadmaps	Associated SDGs
<p><b>Approach 1</b></p> <p>AI Strategy 2019 (June 2019)</p>	<p>Social Implementation of AI in Health, Medical Care and Long-term Care fields</p> <p>Establish next-generation AI-incorporated transportation, in order to develop a smart city which can be deployed globally</p>	 
<p><b>Approach 2</b></p> <p>Environment Innovation Strategy (January 2020)</p>	<p>Flexible, lightweight, and highly efficient PV systems</p> <p>“Zero-carbon steel” through innovative technologies</p>	     
<p><b>Approach 3</b></p> <p>Moonshot Goal 5 (2020)</p>	<p>By making fully utilizing biological functions of nature, create sustainable food supply industry with no food wastage on a global scale</p>	   

# Japan's Policy Package to promote STI for SDGs

- 1. Sharing Japan's experience and knowledge in formulating STI for SDGs Roadmaps**
- 2. Collaboration in the Global Pilot Program on STI for SDGs**
- 3. STI for SDGs Platform (SDGs Solution Hub)**
- 4. Cooperation with UN agencies**
- 5. International collaborative research and development**

# Collaboration in the Global Pilot Programme on STI for SDGs

Japan joined the “Global Pilot Program on Science, Technology and Innovation for SDGs Roadmaps” by the UN Inter-Agency Task Team.

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**OFFICE OF THE PRINCIPAL  
SCIENTIFIC ADVISER  
TO THE GOVERNMENT OF INDIA**

**Cabinet Office**  
Government of Japan

**WEBINAR**

**WORKSHOP ON**

**DEVELOPING STI PARTNERSHIPS FOR  
SUSTAINABLE DEVELOPMENT:**

**Accelerating International Cooperation and Actions  
Through the Global Pilot Programme on STI for SDGs Roadmaps**

**Tuesday, 23 June 2020**  
**9.00 AM (India Time), 12.30 PM (Japan Time)**

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**TECHNOLOGY  
FACILITATION MECHANISM**

**SUSTAINABLE  
DEVELOPMENT  
GOALS**

**WEBINAR**

**WORKSHOP ON**

**DEVELOPING STI PARTNERSHIPS FOR  
SUSTAINABLE DEVELOPMENT:**

**Accelerating International Cooperation and Actions  
Through the Global Pilot Programme on STI for SDGs Roadmaps**

**Monday, 29 June 2020**  
**4.00 PM (India Time)**

## Supporting “Accelerator Lab”

Collecting needs from around the world and making projects to solve the problems for achieving SDGs

UNDP “Accelerator Lab”

90 offices in the world



## STI for SDGs Platform

The matching framework between Japan’s STI seeds and global SDGs needs

The screenshot displays the SDGs Solution Hub website interface. At the top, there are navigation links for Home, Innovation Seeds, Stories, and About us, along with Sign in and Log in buttons. The main header features a group of people celebrating with their arms raised, with the text "SDGs Solution Hub" overlaid. Below this, the "Innovation Seeds" section is highlighted, featuring two featured projects: "Bioremediation: EcoClean and GreenClean Series for Bioremediation" by EcoCycle Corporation and "Black Smoke Removal Device of Cassette Type (Diesel Particulate Filter) 'MoCobee CT'" by COMOTEC Corporation. Each project includes a brief description, a "Technology" section, and an "SDGs Goal Target" indicator. A "Recent Stories" section below shows a grid of smaller project thumbnails. At the bottom, there is a "Seeds" section with a grid of project titles and a "more" button.

**We wish upon a star...**

**SATO Fumikazu**

**Cabinet Secretariat & Cabinet Office, JAPAN**

