Session 6:
STI Roadmaps incorporating SDGs and their implication for policy and capacity building
Past major UN events on STI roadmaps

- IATT Work streams (2016-)
- STI Forum 2016
- STI Forum 2017
- Incheon Workshop (November, 2017)
- UN IATT-STI Sub-Working Group on STI Roadmaps for SDGs (February, 2018)
- Tokyo EGM on STI for SDGs roadmaps (May, 2018)
- STI Forum 2018
- Brussel EGM on STI for STGs roadmaps (November, 2018)
STI for SDGs Roadmaps

• Providing tools for coherent multi-stakeholders engagement to attain the SDGs
• Establishing evaluation and feedback system with living/learning process
• Incorporating social, economic and technological action plans
• Taking three-layered structures at national, sub-national and international
Hierarchy of STI for SDGs Roadmaps

**International**
Global issues/goals oriented facilitative roadmaps
Incorporating STI elements in ODA and Impact Investment, where possible
e.g. Global Climate Action, ECSAP Regional Roadmap

**National**
Visualizing concrete action plans aligned to the national priorities and vision with STI as an integral element
e.g. Sweden Fossil Free Initiative, Japan STI for SDGs Roadmapping

**Sub-national**
Practical Roadmaps at regional, local, sectorial, institutional levels to draw action plans for attaining specific goals
e.g. Keidanren (Japan), WBCSD’s sector roadmaps
How to develop national STI for SDGs Roadmaps?

**Draft of practical steps**

1. Define objectives and scope
2. Assess current situation
3. Assess alternative pathways
4. Develop vision, goals and targets
5. Develop detailed STI for SDGs roadmap
6. Monitor, evaluate, and update plan

**Platform**
- Stakeholder consultation
- Expertise (scientific, technical, management)
- Data

**National priorities**
- Gap analysis, Interlinkages of synergies and trade-offs
- Relevant technologies (conventional existing tech, new existing tech, tech yet to be developed)
- Consideration of unexpected factors and tech development

Modified by 10MG based on source original from Carl Dahlman (the World Bank consultant)
Guiding questions

- What are good examples of effective roadmaps?
- What is the status of the Global Pilot Program for STI for SDGs Roadmaps?
- How to structure and organize a session on this topic at the STI Forum?
- What would be desirable STI Forum recommendations on the roadmaps?
2019 Milestones of STI for SDGs Roadmaps

- Commission on Science and Technology for Development (CSTD) (Geneva, 2019.5)
- STI Forum 2019 (NY, 2019.5)
- G20 (Osaka, 2019.6)
- High Level Political Forum (NY, 2019.7)
- TICAD 7 (Yokohama, 2019.8)
- General Assembly (NY, 2019.9)