



TECHNOLOGY
FACILITATION MECHANISM

SUSTAINABLE
DEVELOPMENT
GOALS

Update

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TEC meeting – 12 September 2017, Bonn.

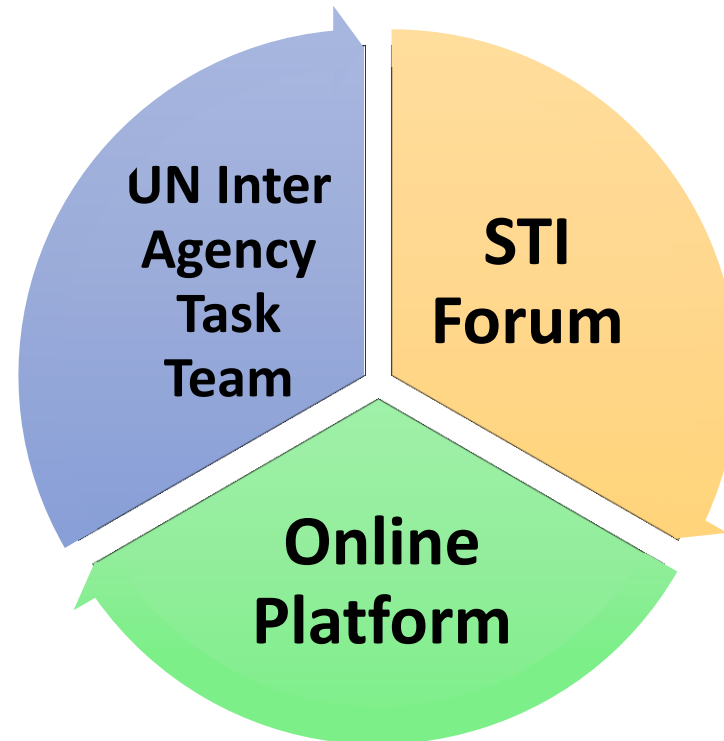
TFM to support achieving the SDGs





3 components

1 **Coordination**
Synergy
Efficiency



3 **Showcase solutions**
Facilitate access to Tech
Cumulative impact

2 **Mapping of mechanisms + initiatives**
Access to info + best practice
Independent assessment

Online Platform

- **Independent assessment** completed – analysed 35 existing platforms.
- Design to include both online and offline components and **build on existing networks**.
- Explore value-added **partnerships with existing initiatives**.
- Specific models explored included:
 - Global Cleantech Cluster Association,
 - Global Innovation Exchange,
 - Nordic Innovation Accelerator,
 - European Union Horizon 2020 programme,
 - Green Technology Bank in China,
 - Digital Bangladesh initiative.

Science, Technology and Innovation Forum

Objectives

- **Monitoring and sharing trends**
- **Showcasing solutions and achievements**
- **Collecting and disseminating information**
- **Identifying emerging priorities and knowledge and innovation gaps**
- **Building STI-for-SDGs community of collaborators**

Second Multi-stakeholder Forum

15-16 May in New York

Theme - “*Science, Technology and Innovation for a Changing World – Focus on SDGs 1, 2, 3, 5, 9, and 14*”



Aligned with **High Level Political Forum** theme:

“Eradicating poverty and promoting prosperity in a changing world”

10-19 July 2017, New York

2nd STI Forum

15-16 May 2017

Theme - “*Science, Technology and Innovation for a Changing World – Focus on SDGs 1, 2, 3, 5, 9, and 14*”

- attracted > **800** participants
- **90** governments, and
- **390** scientists, innovators, technology specialists, entrepreneurs and civil society representatives.



Examples – winners of Innovative solutions

- **Ignitia** – Weather forecasts to **small-scale farmers** in West Africa via text messaging.
- **DoctHERs** – Digital health platform for **remotely located female doctors** in Pakistan for nurse-assisted video consultation.
- **OMOMI** – Health app for **mothers in Nigeria** to track immunization and monitor growth of their children.
- **Paper Airplanes** – digital solution to **refugee education access** by tutoring via Skype.
- **JokkoSante** – circular economy model in **Senegal to deposit medicine** in pharmacy for reward points to pay for a new prescription through mobile platform.

Conclusions from 2nd STI Forum

- Developing countries face **severe lack of capacity** in STI systems, infrastructure, trade and investment policy.
- Many countries are developing **science advisory systems** within own domestic contexts.
- Governments should **increase investment** in human capital and applied research.
- Focus on **low-cost technology** to meet basic needs (local realities).
- **Digital revolution** creating great STI advancement – Need for **equal opportunity**.
- **Gender differences** of access and impacts of technologies. Build capacity and engagement of girls and women in STI.

Recommendations

- Member States should **support** the TFM **politically and financially**.
- Annual meeting of **public and private STI funders** linked to STI Forum.
- Focus on **matchmaking** between **existing** problems and solutions.
- Need **business case** for private sector investment in innovation for SDGs.
- Conduct “**Horizon Scanning**” on changes happening in STI field.
- TFM to draw on most relevant **international and regional events**.
- Forum to be **results-oriented** and **cumulative in its impact**.
- Strengthen UN support to **science advisory** systems and facilitate greater synergy and **collaboration across UN agencies**.

2018 STI Forum

Date tbc

Theme - *Focus on SDGs 6, 7, 11, 12, 15 and 17*



Aligned with **High Level Political Forum** theme:

“Transformation towards sustainable and resilient societies”

Date tbc

Coordination with UNFCCC Secretariat

- Member of the **UN Inter Agency Task Team**
- Liaison on **IATT meetings and STI Forum**

Aim

- **Ensure coordination and avoid duplication/overlap**
- Ensure TFM is **informed of TM work** under UNFCCC
- Keep TEC and CTCN-AB members **informed of progress**