NEW FRAMEWORK FOR STIP REVIEWS AND BRIEFING ON CURRENT REVIEWS

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Commission on Science and Technology for Development
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The United Nations Conference on Trade and Development is encouraged:

i. To seek funding proactively for the expansion of science, technology and innovation policy reviews, with an emphasis on the critical role of information and communications technologies in empowering science, technology and innovation and engineering capacity-building and utilization, and the implementation of the recommendations on those reviews, as appropriate, in close cooperation with United Nations agencies and international organizations;

ii. To look into the feasibility of including elements of strategic foresight and digital ecosystem assessment in policy reviews of science, technology and innovation and information and communications technologies, possibly by including a chapter dedicated to these themes;

iii. To broaden the framework for national science, technology and innovation policy reviews in order to integrate the Sustainable Development Goals, including a specific focus on bottom-of-the-pyramid approaches to innovation, and social inclusion;

iv. To plan for periodic updates on progress made in countries for which science, technology and innovation policy reviews have been performed and to invite those countries to report to the Commission on Science and Technology for Development on progress made, lessons learned and challenges encountered in implementing recommendations;

v. To encourage the Gender Advisory Board of the Commission to provide inputs to the policy deliberations and documentation of the Commission, to report on progress at the annual sessions of the Commission and to better integrate gender perspectives into science, technology and innovation policy reviews.
SCIENCE, TECHNOLOGY AND INNOVATION POLICY REVIEWS

The Islamic Republic of Iran
El Salvador
Angola
Ghana
Mauritania
Lesotho
Jamaica
Rwanda
Thailand
Oman
Dominican Republic
Peru
Colombia
NEW FRAMEWORK FOR STI POLICY REVIEWS

Adoption of the 2030 Agenda and the Sustainable Development Goals, with important implications for STI policy

Inputs from CSTD

Multi-year expert meeting to provide inputs into final output, implementation in ongoing STIP reviews

2015

November 2017

May 2018

June 2018

July-December 2018

Ad-hoc expert group during 9-10 November 2017 at UNCTAD to redesign STIP reviews

First draft of new STI policy framework for comments and feedback
NEW FRAMEWORK FOR STI POLICY REVIEWS

Overarching questions

To what extent and how innovation contributes to tackling major societal challenges?

How STI policy can improve the productive capacities of developing countries based on synergies between the three dimensions of sustainable development?
NEW FRAMEWORK FOR STI POLICY REVIEWS

NEW ELEMENTS FOR NEW GENERATION OF STI REVIEWS

Sustainable development challenges (all three dimensions)

Potential of innovation system to tackle selected challenges

Innovation case studies for relevant SDGs

STI performance in areas relevant for SDGs

New STI actors (finance sector, micro and small enterprises, civil society)

M&E with indicators and targets to measure progress towards SDGs

Short, medium and long-term STI policy objectives and roadmaps
NEW FRAMEWORK FOR STI POLICY REVIEWS

Structure of the new STIP review reports

Characteristics of revised STIP reviews:

Current characteristics
- Strategic reflection
- Policy oriented
- Evidence-based
- Systematic
- Independent

New characteristics
- Sustainability oriented
- Directionality
- Broader participation
- New approaches to innovation
- Policy learning process
NEW FRAMEWORK FOR STI POLICY REVIEWS

Process and methodology for new generation of STIIP reviews

- Alignment with existing SDG indicators
- Detailed supporting materials
- Open the process to new actors
- Local expertise
- Refining mix of qualitative and quantitative indicators
- Contextualize STI performance
UPCOMING REVIEWS

Ethiopia  Uganda  Sri Lanka
FACT-FINDING MISSION IN ETHIOPIA

- **Counterpart:** Ministry of Science and Technology of Ethiopia and inter-ministerial committee that is being put together for the review

- **Context:** Support Ethiopia’s drive to achieve fast growth with structural transformation, higher productivity in agriculture, and boost manufacturing and export growth

- **Purpose of the review:**
  - Evaluate the STI system in Ethiopia
  - Provide policy recommendations to improve STI capacity
  - Capacity building workshops

- **Scoping mission** took place in April 2017: focus will be export-oriented and import substitution industries
FACT-FINDING MISSION IN UGANDA

- **Counterpart:** Ministry of Science, Technology and Innovation of Uganda

- **Context:** Uganda's Ministry of STI wishes to review the National STI policy

- **Purpose of the review:**
  - Review 2009 STI policy
  - Sectoral assessments
  - Expanded coverage with the participation of Technology Bank and UNESCO

- **Short scoping mission** took place in May 2018, follow up in June 2018
HOW STIPS ARE FUNDED?

- Regular budget: 6 work-months of UNCTAD staff for a typical review
- Development account funding for new STIP Reviews and related capacity building and networking
- Technology Bank for Least Developed Countries
  - Support for technology needs assessments and capacity building related to STIP review
- Bilateral donor funding
  - Grateful for Germany for funding Rwanda STIP review
  - Funding request has been submitted to China’s South-South Cooperation Assistance Fund
- Pending requests for which we seek donor funding
  - Botswana, Cameroon, Guatemala, Kenya, Moldova, Sudan and COMESA
Thank you for your attention

Q&A

http://unctad.org/CSTD