

Investment, Enterprise and Development Commission
Ninth session

Promoting and strengthening synergies among
the three pillars of work related to science,
technology, and ICT



Research and analysis



Technical assistance



Consensus building

The three pillars

Research and analysis

- Flagship reports
- Current studies on STI
- Designing new framework for STI policy reviews
- Technical notes

Technical assistance

- ICT and STI policy reviews
- eTrade for All
- Rapid eTrade readiness assessments
- Information economy statistics
- Seminars, trainings, workshops

Consensus building

- CSTD
- E-Commerce Week
- IGE on e-Commerce and the Digital Economy
- Investment, Enterprise and Development Commission
- Inter-agency activities



Interaction and feedback loops between three pillars

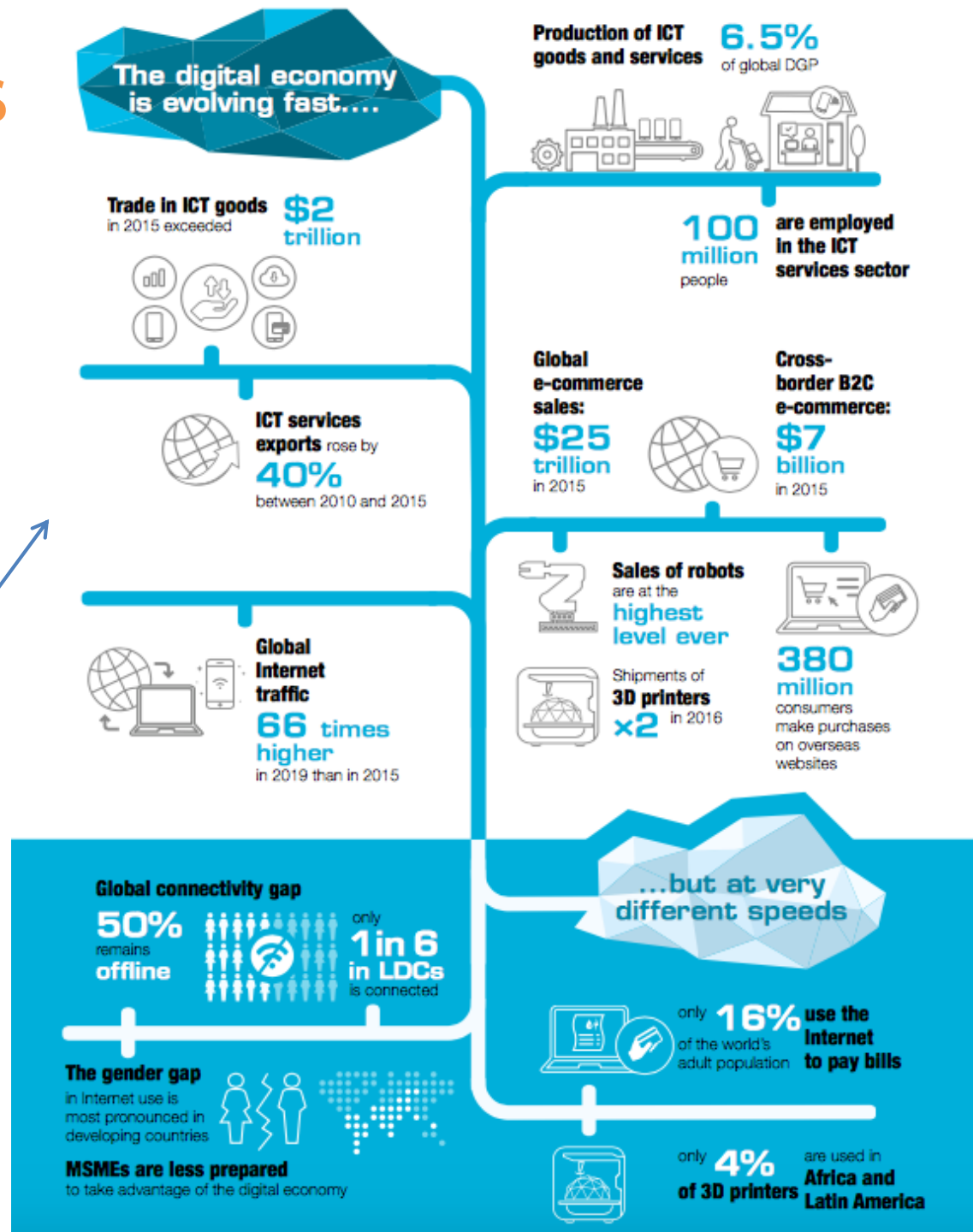
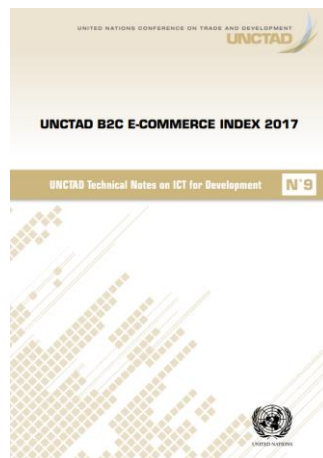
Overview of activities



1. Research and analysis

Overview: research and analysis

- ▶ **Flagship reports**
 - ▶ Information Economy Report 2017: Digitalization, Trade and Development
 - ▶ Technology and Innovation Report (forthcoming)
- ▶ **Designing new framework for STI policy reviews**
- ▶ **UNCTAD Technical Notes on ICT for Development**
 - ▶ The "New" Digital Economy and Development
 - ▶ UNCTAD B2C e-Commerce Index 2017



Overview: research and analysis



▶ Current studies on STI

- ▶ New innovation approaches to support the implementation of the SDGs
- ▶ The role of STI in ensuring food security by 2030
- ▶ Digital tools for foresight
- ▶ The role of STI to increase substantially the share of renewable energy by 2030 (forthcoming)
- ▶ Building digital competencies to benefit from existing and emerging technologies (forthcoming)

Topic	Issues discussed
New innovation approaches	Grand challenges, pro-poor, frugal, grass-roots and social innovation, open innovation, hackathons, etc.
Food security	Cross-breeding, transgenic crops, applications of the Internet of things, robotics and artificial intelligence to farming, etc.
Digital tools for foresight	Big data, Internet of things, computer simulations and artificial intelligence for foresight
Renewable energy	Modernizing grids, intermittency, storage, mini-grid and off-grid solutions, cooking with renewable technologies, etc.
Digital competencies	Digitalization and labor market, digital competencies for future employment, online learning, massive open online courses, etc.

Overview of activities



2. Technical assistance

Overview: technical assistance



▶ STI policy reviews

- ▶ Objective is to build stronger national capacities in STI
- ▶ Assess national innovation system and priority sectors/industries
- ▶ Provide recommendations to improve technological capabilities and encourage innovation
- ▶ Use multi-stakeholder approach to build national consensus
- ▶ STIP reviews in Iran and Rwanda completed in 2017, Ethiopia, Sri Lanka and Uganda have already requested reviews

NEWS

UNCTAD ready to support policy review in Sri Lanka

By admin

Posted on November 12, 2017 - 12:22

Secretary General of the United National Conference on Trade and Development (UNCTAD) Dr Mikhisa Kituyi has assured the Minister of Science, Technology and Research Susil Premajayantha that the UNCTAD stands ready to assist with Sri Lanka's Science, Technology and Innovation Policy Review (STIP) and to explore modalities of technical assistance and a strategy for mobilizing the funding required.

This assurance was given by the UNCTAD SG, following consultations Minister Premajayantha had in Geneva last week with Senior Officials of the UNCTAD.



▶ ICT policy reviews

- ▶ Objective is to leverage e-commerce as a catalyst for innovation, growth, trade and social prosperity
- ▶ Give policy recommendations aimed to strengthen performance in seven key policy areas related to e-commerce
- ▶ **Egypt National E-commerce Strategy to be launched in December 2017, Oman and Rwanda E-Commerce Strategies are in progress**

Overview: technical assistance



▶ eTrade for All

- ▶ Bring together public and private parties that can contribute towards improving ability of developing countries to use and benefit from e-commerce
- ▶ Enable developing countries to find out more easily what assistance is available to them
- ▶ 26 partners

▶ Rapid eTrade readiness assessments

- ▶ Objective is to enhance the capacity of countries to assess their current strengths, weaknesses, gaps and opportunities in the seven policy areas
- ▶ Bhutan, Cambodia, Samoa were first to be completed
- ▶ 15-20 assessments are expected by end of 2018, including Lao PDR, Liberia, Myanmar, Nepal, Senegal, Solomon Islands and more

Bhutan
Rapid eTrade Readiness Assessment



Overview: technical assistance

▶ Seminars, trainings, workshops

- ▶ **Rwanda:** Training session on innovation for STI policymakers and stakeholders; and seminar to discuss potential revision on draft National STI Strategy
- ▶ Two activities to discuss STI policies in the **Dominican Republic** with policy makers and business representatives



UNCTAD training on STI policies in the Dominican Republic, 2017

- ▶ Workshops in **Costa Rica, India and Thailand** to prepare the first national surveys to measure exports of ICT-enabled services, using the survey questionnaire developed by UNCTAD in collaboration with the Inter-Agency Task Force on International Trade Statistics
- ▶ Eurasian Economic Commission-UNCTAD workshop on e-commerce statistics in **Russian Federation** as a first step for the EEC to produce statistics on electronic transactions in total regional trade

Overview: technical assistance

▶ Seminars, trainings, workshops

- ▶ UNCTAD-ASEAN workshop on e-commerce in the **Philippines** discussed supportive policies in the region that will enhance the role of e-commerce for development
- ▶ WTO-UNCTAD workshop on e-commerce in **Bangladesh** to discuss global e-commerce trade and technology trends, infrastructure, key policy and regulation, and challenges and opportunities in e-commerce for Bangladesh,
- ▶ WTO-UNCTAD-PIFS regional workshop on e-commerce in **Fiji** to build capacities and identify policies and laws to promote domestic and cross-border e-commerce in the region
- ▶ Distance learning and face-to-face training on cyberlaws with UNCTAD TrainForTrade in **Madagascar** to improve the legal framework for e-commerce



UNCTAD-ASEAN workshop on e-commerce in the Philippines, 2017

Overview of activities



3. Consensus building

Overview: consensus building

- ▶ Commission on Science and Technology for Development
 - ▶ CSTD 2016-2017 Inter-sessional Panel, January 2017
 - ▶ CSTD twentieth annual session, May 2017
 - ▶ Ministerial roundtables on eradicating poverty in all its forms and dimensions and on the review of progress made in the implementation of WSIS outcomes
 - ▶ Two priority themes on new innovation approaches and the role of STI in achieving food security
 - ▶ WSIS follow-up
 - ▶ Presentation of STIP reviews of Iran and Rwanda, sharing good practices and lessons learnt
 - ▶ CSTD/ECOSOC resolutions on STI for development and WSIS follow-up
 - ▶ CSTD 2017-2018 Inter-sessional Panel, November 2017
- ▶ Working Group on Enhanced Cooperation on Public Policy Issues Pertaining to the Internet



CSTD Inter-sessional Panel, 2017

Delegates after negotiating the CSTD resolution on STI, 2017



Overview: consensus building

- ▶ E-Commerce Week
 - ▶ Third edition, April 2017
 - ▶ Theme: "Towards inclusive e-commerce"
- ▶ Intergovernmental Group of Experts on E-commerce and the Digital Economy
 - ▶ First session, October 2017
 - ▶ Proposed new Working Group on Measuring E-Commerce and the Digital Economy
- ▶ UNCTAD Investment, Enterprise and Development Commission
 - ▶ Ninth session, November 2017



High-level Event during e-Commerce Week 2017



Meeting of the IGE on E-commerce and the Digital Economy, 2017

Overview: consensus building

- ▶ Inter-agency work
 - ▶ 2nd Multi-stakeholder Forum on STI (STI Forum)
 - ▶ Co-Chair of Inter-Agency Task Team for Science, Technology and Innovation for the SDGs (IATT)
 - ▶ Member of Inter-Agency Task Force on Financing for Development
 - ▶ High-level Political Forum (HLPF)
 - ▶ General Assembly, Second Committee
 - ▶ eTrade for All
 - ▶ Partnership on Measuring ICT for Development in collaboration with other UN bodies and international organizations
 - ▶ Co-organizer of WSIS Forum 2017
 - ▶ Inter-Agency Task Force on International Trade Statistics



ROUND TABLE DISCUSSION


Friday, 7 July 2017
1:15 – 2:45 p.m.
Conference Room 11,
United Nations Headquarters, New York



GENDER PERSPECTIVES IN THE WORK OF ECOSOC FUNCTIONAL COMMISSIONS
in the context of the
2017 HIGH-LEVEL POLITICAL FORUM ON SUSTAINABLE DEVELOPMENT

Side Event of the Second Committee
72nd Session of the UN General Assembly

12
OCTOBER 2017
3–6 p.m.
Conference Room 2, UNHQ New York



Science, technology, and innovation
for the Sustainable Development Goals:
**Harnessing inclusive innovation
to leave no one behind**

SPEAKERS:


- Mr. Ruijun Wang**, Director-General, National Center for Science and Technology Evaluation, Ministry of Science and Technology of China, and Chair of the twentieth session of the CSTD
- Ms. Shamika N. Sirimanne**, Director of the Division on Technology and Logistics, UNCTAD and Head of the CSTD Secretariat
- Mr. Vaughn Turekian**, Senior Board Director at the National Academies of Sciences, Engineering, and Medicine and Co-Chair of the STI Forum
- Ms. Yokasta Guzmán Santos**, General Director, General Directorate of Public Procurement of the Dominican Republic
- Mr. Navi Radjou**, Innovation and leadership thinker/advisor (Silicon Valley), Fellow at Cambridge University's Judge Business School, co-author of Frugal Innovation (2015) and author of Conscious Society (2018)
- Mr. Paul Bunje**, Chief Scientist, XPRIZE
- Ms. Janet Klein**, Vice President, SAP

MODERATOR:

Ms. Hessa Al Ateibi, Head of Second Committee and ECOSOC at the UAE Mission to the UN

Inclusive, frugal, and pro-poor innovation approaches, largely enabled by the rapid pace of development of information and communication technologies, can serve markets previously ignored by traditional innovation. They involve and support the poor in solving their own problems and leverage science and technology to support their development in key sectors.

This side event will discuss how inclusive innovation can support the achievement of the SDGs. Speakers will focus on policies, mechanisms, and processes that can support inclusive innovation in sustainable development, including well-functioning national ecosystem for innovation, international cooperation and diplomacy in science and technology, and public-private partnerships.



Looking forward

Research and analysis

- Upcoming TIR
- Current studies on STI on renewable energy and digital competencies
- New framework for STI policy reviews

Technical assistance

- New STI policy reviews planned in Ethiopia, Sri Lanka and Uganda
- New rapid eTrade readiness assessments
- Seminars, trainings, workshops including IATT TFM workshop

Consensus building

- CSTD 21
- STI Forum 2018
- E-Commerce Week 2018
- Second session of IGE on e-Commerce and the Digital Economy
- Multi-year Expert Meeting on Investment, Innovation and Entrepreneurship



Interaction and feedback loops between three pillars

THANK YOU

Q&A

Shamika N. Sirimanne

Director, Division on Technology and Logistics, UNCTAD



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