

Investment, Enterprise and Development Commission, 8th Session

Promoting and strengthening synergies among the three pillars related to science, technology and innovation and ICTs



Research and Analysis



Consensus building



Technical assistance



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A snapshot of how the three pillars interact

Research and Analysis

- Flagship Reports (IER, TIR)
- Current Studies on STI
- Reports of STIP reviews
- ICT Indicators / Research on WSIS
- Other Publications



Technical Assistance

- STIP Reviews
- STI Policy learning
- ICT capacity building
- ICT Policy Reviews
- eTrade for All Coordination



Consensus building (Intergovernmental fora, expert meetings)

- TDB and Commission
- Expert Meetings
- Sustainable Development Agenda
- CSTD including WSIS
- Technology facilitation mechanism



Interaction and feedback loops between three pillars

Overview of activities:



Research and analysis



Technical assistance



Consensus building



1. Research and analysis

Flagship reports



Technology and Innovation Report 2015

Promoting Innovation Policies for Industrial Development

- Chapters on Nigeria, Ethiopia and Tanzania.

Information Economy Report 2015:

Unlocking the Potential of E-commerce for Developing Countries

- B2C Index
- Global Cyberlaw Tracker



Training on e-commerce



Flagship reports



Technology and Innovation Report 2017

Leveraging STI for the SDGs

- Examines the link between STI and sustainable development
- Policies to strengthen innovation systems
- The case of food security

Information Economy Report 2017

Digitalization, Trade and Development

- Examines how digitalization is influencing international trade
- Implications for developing countries.
- Provides an update on prevailing digital divides

Current Studies on STI



Current Studies

- Focused on STI and ICT issues
- Explores implications for development
- Relation to CSTD priority themes

• **Forthcoming:**

- Foresight for digital development
- New innovation approaches to support the implementation of the Sustainable Development Goals
- The role of science, technology and innovation in ensuring food security by 2030

• **Published:**

- Technology in Action: Good Practices in Science, Technology and Innovation Policies for Women in South Asia
- Transfer of technology and knowledge-sharing for development: Science, technology and innovation issues for developing countries
- Internet Broadband for an Inclusive Digital Society
- Science, Technology and Innovation for Sustainable Urbanization
- Renewable Energy Technologies for Rural Development



More info:
unctad.org/STI-studies



- **Data Protection Regulation and International Data Flows**
 - Presented at the 2016 UNCTAD e-commerce week
- **Other activities**
 - Inputs to the Global Sustainable Development Report 2016
 - Inputs to Inaugural 2016 Report of the Inter-agency Task Force on Financing for Development– Addis Ababa Action Agenda: Monitoring commitments and actions
 - UNCTAD B2C E-Commerce Index 2016
 - New methodology for measuring trade in ICT-enabled services adopted by UN Statistical Commission
 - New collaborative work with WTO and UPU to measure cross-border e-commerce



2. Technical assistance

STIP Review - Thailand



STIP review process in Thailand has delivered results

A number of strategic STI policy decisions already taken to support Thailand's technological capabilities.

The review was presented in Geneva on 6 May 2015 during the CSTD and in Bangkok on 14 September 2015.

The technical Workshop on Financing Innovation delivered on November 2015 built expertise to diversify and improve the efficiency of financial schemes for R&D and innovation and addressed one of the recommendations contained in the review.



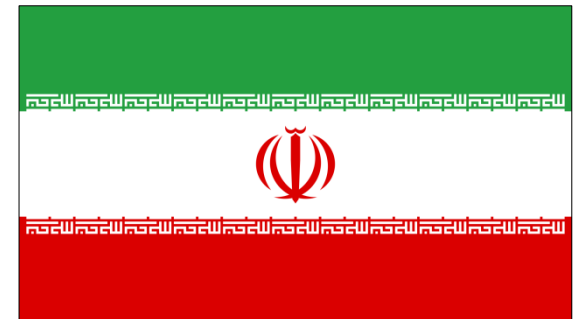
STIP Review – Islamic Republic of Iran



STIP review of the Islamic Republic of Iran underway

Around 100 stakeholders (from the public sector, universities, research institutes and firms) participated in a national consultation workshop held in Teheran on 19th October 2016 to discuss an advanced draft of the STIP Review of the Islamic Republic of Iran.

The review will be launched in Tehran in December 2016 and presented in Geneva in May 2017 during the CSTD.



STIP Reviews - Rwanda



STIP review of Rwanda is underway

The first mission took place on 17 to 29 April 2016.

A presentation on initial findings was developed for the UN CSTD session in May 2016.

The first draft of the STIP Review of Rwanda will be discussed at a national workshop on 1st December 2016.

The workshop will be followed by a technical training on national systems of innovation and on financing research and innovation.

STIP work is done with assistance from GIZ funding.



giz Deutsche Gesellschaft
für Internationale
Zusammenarbeit (GIZ) GmbH

Innovation Policy Learning



New

Training for mid-to senior-level policy makers and key national stakeholders

FOCUSAREAS

1. Innovation, policy & development
2. Designing and evaluating innovation policy
3. Promoting innovation activities
4. Building human capacities for innovation
5. Promoting linkages for innovation
6. Fostering technology transfer

Available in English and Spanish

2 regional + 2 national courses implemented in 2015

In partnership with local training institutions

- University EAFIT, Medellín, Colombia
- Universidad de la Havana, Min. Higher Education, Cuba
- National Science, Technology and Innovation Policy Office, Thailand

Network of science, technology and innovation policy makers

UNCTAD.org/innovationpolicylearning

UNITED NATIONS
UNCTAD

ICT capacity building



- Workshop on e-government and cyberlaws (Kenya)
- Regional Workshop on E-commerce Legislation Harmonization in the Caribbean
- International workshop on Measuring E-Commerce, Thailand.
- Distance learning on cyberlaws – with Train for Trade
- UN Guidelines on Consumer Protection (with DITC)



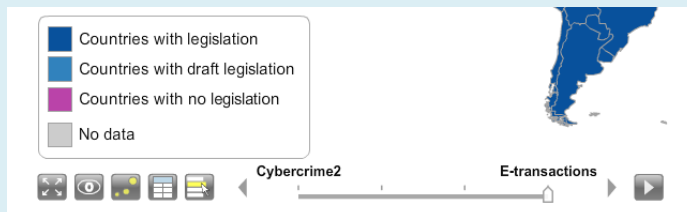
Seminar on the harmonization of e-commerce laws in ECOWAS organized in Geneva for 40+ delegates

- Platform to discuss best practices to facilitate the implementation of regional legislation on electronic transactions, cybercrime and personal data protection.
- Also covered consumer protection, taxation, capacity building and regional cooperation.

Global Cyberlaw Tracker: first global mapping of cyberlaws

- A global legal database on e-transactions, data protection, consumer protection and cybercrime, available online:

http://unctad.org/en/Pages/DTL/STI_and_ICTs/ICT4D-Legislation/eCom-CyberlawTracker.aspx



All these featured in:





3. Consensus Building

Consensus Building



- Single-year Expert Meetings

- Cyberlaws and Regulations for Enhancing E-commerce: Including Case Studies and Lessons Learned (24-25 March 2016)



With IER 2015 and
Capacity-building
seminar on cyberlaws

- Multi-year Expert Meeting on Investment, Innovation and Entrepreneurship for Productive Capacity-building and Sustainable Development, fourth session (16-17 March 2016)

- Key lessons on science, technology and innovation policy for the achievement of the Sustainable Development Goals.

- Investment, Enterprise and Development Commission

- Policies to promote collaboration in STI for development: The role of science, technology and innovation parks

- Inputs to 2030 Sustainable Development Agenda

- Proposals for SDG indicators - Focus in particular on Goal 17
- Inputs to UNCTAD's contribution to FfD

CSTD Mandate



1. Science and Technology for development:

- To give high quality advice on science & technology for development to the General Assembly and ECOSOC;
- To serve as a forum to discuss and advance understanding of science and technology issues.

2. UN focal point in the system-wide follow-up of WSIS outcomes:

- Global, regional, and thematic reviews and assessments of progress;
- Sharing best and effective practices and lessons learned, identifying obstacles and constraints as well as actions and initiatives to overcome these; and
- Promoting dialogue and fostering partnerships

Each year the Commission agrees on two resolutions related to its mandate. These are brought to the attention of ECOSOC for adoption

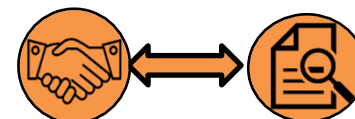
CSTD Current programme



Intersessional Panel 2016-2017 (23-25 Jan 2017, Geneva)

Priority themes selected:

- New innovation approaches to support the implementation of the Sustainable Development Goals
- The role of science, technology and innovation in ensuring food security by 2030



Follow-up of WSIS outcomes with focus on Goal 9

20th Session (8-12 May 2017, Geneva)

- Priority themes
- WSIS follow-up
- STIP Review



CSTD Priority Themes 2016-2017 will inform HLPF 2017

- 10-19 July 2017 “Eradicating poverty and promoting prosperity in a changing world”
- The Forum will review Goals 1, 2, 3, 5, 9, 14 ,and 17
- Priority theme on food security is related to Goal 2. End hunger, achieve food security and improved nutrition and promote sustainable agriculture

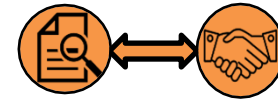
WSIS+10 Review



World Summit on Information Society (WSIS)

First major UN events on potential of Information, Communication Technology (ICT) in 2003 and 2005
achieving a 'people-centred, inclusive and development-oriented Information Society'

- **Annual Reviews** on progress made on implementation of WSIS outcomes
- Periodic reviews, e.g. in 2015: **WSIS+10** with Inputs from
 - International Organizations
 - Co-facilitators
 - Multilateral negotiations
 - Other stakeholders
 - Working Groups



A/RES/70/125

Working Group on Enhanced Cooperation (follow-up WSIS+10)



Working Group on Enhanced Cooperation (WGEC)

*develop recommendations on how to further implement
enhanced cooperation as envisioned in the Tunis Agenda
(A/RES/70/125)*

The Working Group was established in May 2016

First meeting: 30 September 2016

In the meeting, the Group agreed on two questions that would guide the discussion during its second meeting (open consultation):

1. What are the high level characteristics of enhanced cooperation?
2. Taking into consideration the work of the previous WGEC and the Tunis Agenda, particularly paragraphs 69-71, what kind of recommendations should we consider?

Deadline to submit inputs is 7 December 2016 (stdev@unctad.org)

Second meeting of the Working Group: 26-27 January 2017

Inter-Agency Activities



- 1ST Multi-stakeholder Forum on Science, Technology and Innovation for the SDGs

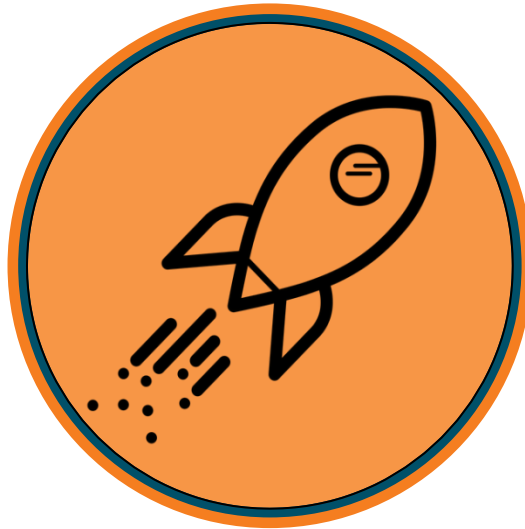
- Roundtable discussion:
Practical responses to policy challenges:
ensuring STI support the SDGs



- Member of the United Nations Inter-Agency Task Team for Science, Technology and Innovation for the SDGs (IATT)

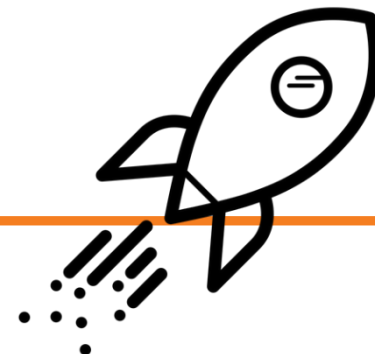
- Partnership on Measuring ICT for Development (collaboration with other UN bodies and international organizations)

- Co-organizer of WSIS Forum 2016



Looking forward

Looking forward



- Strengthening **work on STI and ICT** for development in response to the Maafikiano mandates and 2030 Development Agenda
- **Deeper synergy** between the three pillars
- Strengthen role of CSTD in **international response** to development challenges
- Support dialogue on **enhanced cooperation**
- Successful **implementation of RBM**



Looking forward



E-Commerce and Digital Economy



- UNCTAD E-Commerce Week 2017 (24-28/4)
- Implementing eTrade for All
- New the Intergovernmental Expert Group on E-commerce and the Digital Economy
- Pilot surveys in Costa Rica, Egypt, India, Thailand to measure trade in ICT-enabled services
- E-Commerce Strategies: Egypt, Rwanda
- Support to G20 on the Development Dimension of Digital Trade
- Contribution to Aid for Trade Review
- Information Economy Report 2017

Save the Date
**UNCTAD E-COMMERCE
WEEK 2017**
24-28 April 2017
Palais des Nations,
Geneva



Thank you

**Investment, Enterprise and Development Commission,
8th Session**



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Geneva, Switzerland