UN-IATT Workstream 6 on Capacity Building in Science, Technology and Innovation (STI) for SDGs

Recent achievements and upcoming activities

For the Expert Group Meeting (EGM) on STI for the SDGs

11-13 January 2023, New York
IATT agencies contributing to the WS6
## Seven Training workshops and webinars

<table>
<thead>
<tr>
<th>Date</th>
<th>Training workshops</th>
<th>Format</th>
<th>Num of participants</th>
</tr>
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<tbody>
<tr>
<td>2022 Oct</td>
<td>Online training on STI policy for SDGs for <strong>Tunisia and the Arab States</strong></td>
<td>3 sessions, online</td>
<td>91</td>
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<tr>
<td>2021 Dec</td>
<td>Online training on STI Policy for SDGs for the <strong>Southern African Development Community (SADC) region</strong></td>
<td>5 sessions, online</td>
<td>74</td>
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<tr>
<td>2021 May</td>
<td>Online training on current approaches to STI policymaking in the context of SDGs targeting <strong>Latin American countries - sub-national perspectives</strong></td>
<td>3 sessions, online</td>
<td>186</td>
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<tr>
<td>2021 April</td>
<td>Online training on current approaches to STI policymaking in the context of SDGs targeting <strong>Latin American countries</strong></td>
<td>3 sessions, online</td>
<td>109</td>
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<tr>
<td>2020 Nov-Dec</td>
<td>Online <strong>international</strong> training on STI Policy and Policy Instruments for SDGs</td>
<td>3 sessions, online</td>
<td>70</td>
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<tr>
<td>2019 May</td>
<td>Training on STI policies for the SDGs for <strong>Central American and Caribbean countries</strong></td>
<td>3 days, in Panama</td>
<td>22</td>
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<td>2018 April</td>
<td>Capacity building course on technology for development: Innovation Policies for SDGs in the <strong>Arab region</strong></td>
<td>5 days, in Jordan</td>
<td>31</td>
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### Three STI Forum side events & one HLPF side event
- 2021 & 2018 & 2017 STI Forum side event
- 2022 HLPF side event
IATT WS6 events in figures (7 trainings + 3 side events)

808 participants from 94 countries; 51.6% are female

Where are the participants from?
583 participants from 66 countries, 51.9% are female

Number of participants per country

Region of participants

- Africa
- Arab States
- Asia and the Pacific
- Eastern Europe
- Latin America and the Caribbean
- Western Europe and North America
Online training on STI policy for SDGs for Tunisia and the Arab States
18-20 Oct 2022, three sessions

Partner /Sponsor
Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

91 participants

Punisia, Palestine, Syria, Egypt, Iraq, Lebanon, Kuwait, Jordan and Qatar

45% female

55% male

Evaluation: How useful were the sessions for your work?

- 90% very useful
- 10% somewhat useful
- 0% Not useful

Participants wish to have additional training on:
- Designing STI policies for SDGs action plan
- STI policy-making and implementation
- STI policy monitoring and evaluation
- Innovation management
- STI policy instruments
- Legal framework
- Intellectual property
- Digital transformation
- Science parks for SDGs

Participants recommended:
- In person training
- More sessions
- Increase inclusion of the audience

Online training for the South African Development Community (SADC) region
6-10 December 2021, Five sessions

- 7th module of “SADC Training Programme on STI Policy and Governance Systems for High-level STI Officials”
  - in partnership with SADC, the UNESCO Chair at the Tshwane University of Technology, and the University of Sussex

- The IATT training composed of 5 sessions
  - Session 1: Current approaches to STI policy making
  - Session 2: STI policy instruments design
  - Session 3: Innovation and entrepreneurship
  - Session 4: Implementation of STI policy instruments
  - Session 5: Monitoring and evaluation of STI policies

- Attracted 70 STI officials from 15 African countries
  - Angola, Botswana, Congo, Democratic Republic of the Congo, Eswatini, Kenya, Lesotho, Madagascar, Mauritius, Mozambique, Rwanda, Senegal, South Africa, Tanzania and Zambia

Online training on STI policymaking in the context of SDGs for Latin American countries, April-May, 2021

- Two workshops in Spanish, 3 sessions each
- For national institutions working on STI policies, and subnational/regional policymakers.
- 295 participants in total, 60.3% female

Evaluation carried out following each workshop

What topics would you like to explore further in future trainings?

**STI policy formulation and monitoring**
- STI policy formulation and instruments
- Mission-oriented policy formulation
- Monitoring of policies and instruments
- Locally contextualised STI policies

**Innovation and entrepreneurship**
- Science and technology-based social entrepreneurship
- International cooperation in innovation
- Policies to promote innovative entrepreneurship
- Start-up/innovative entrepreneurship policies in provinces/regions

**Baseline development**
- Design and development of indicators
- Design of impact assessment and creation of baselines

**Others**
- Open science
- Intellectual property
- Human capital formation
- Formation of Latin American networks
- Management of prototyping projects
- Prioritisation of investment in public administration

near 100 participants: officials from more than 40 countries, partner institutions and UN agencies

Participants of previous training workshops shared experience and gave recommendation to IATT WS6

- **Expanding Partnerships**
  - Pursue UN collaborations for future STI policy trainings
  - Engage regional entities and commissions for good contextualization of the course
  - Identify potential donors and funders
  - Engage academia, youth and bring new partners into the activities of workstream; empower students in universities through contributions to knowledge gaps

- **Scaling up the training**
  - Increase the reach and deliver the courses to more countries
  - Sustain and allow integration in the UN agencies regular offers of services to Member States
  - Continue expanding the networks of STI officials participating in the trainings

- **Enriching training materials**
  - Increase access to information and offer diverse capacity-building tools and materials—repository of existing training resources, support materials, webinars, and development of MOO
  - Reach a good balance between methodological and practical approaches
HLPF side event on Capacity-Building in STI for the SDGs
6 July 2022, online

HIGH-LEVEL POLITICAL FORUM ON SUSTAINABLE DEVELOPMENT

- Representatives from STI development and cooperation agencies and universities
- Panelists highlighted STI policy capacity gaps and called for increased partnerships
- The IATT group presented their recent work, upcoming trainings, as well as training materials
- Views of partners: German International Cooperation Agency (GIZ), the Organisation of African, Caribbean and Pacific States (OACPS), International Development Research Centre (IDRC)
- Universities and Chairs contributing to joint capacity-building initiatives and tools (University College of London (UCL); ISTIC – Malaysia; University of Pretoria and UNU Merit – UNESCO Chairs) etc.

Panelists sharing views on STI policy capacity building and areas for collaboration
Other achievements

IATT Booklet published by UNIDO in English, French, Spanish and Arabic

UCL - IATT WS6 case study

Promotional video for the training
Upcoming activities and trainings 2023

- **Mutual learning exercise** and **capacity-building workshop** for African countries
  - 14-17 February 2023, Addis Ababa, Ethiopia
  - Collaboration with the Organization of African, Caribbean and Pacific States (OACPS), ECA and IATT

- **Online Training for Latin American countries**, with ECLAC, end of March 2023

- **Online Training for Asian countries**, tbc with ESCAP
  - Training materials, MOOC, videos lectures
  - STI FORUM 2023
Feedbacks from participants:
How do you plan to use in your work the knowledge gained in the sessions?

- Since Bhutan is yet to have the STI policy as a mother document, the knowledge gained will be very useful.
- We will take this knowledge into account when we design the STI Roadmap for Ukraine -Participants, 2020 online training

- Toute information m'est très utile vu qu'il s'agit bien de notre corps de métier à comprendre et à chercher comment mettre les instruments au service des ODD
- Dans la préparation des politiques numériques du ministère les années à venir
- Booster l'écosystème des startups et de l'innovation en Tunisie
- Sensibiliser les étudiants aux ODD et orienter leurs solutions IT pour la concrétisation d'ODD spécifiques selon les projets.

-Participants, 2022 online training for Tunisia and the Arab States
Feedbacks from participants:
What are your key take away messages?

- Participants, 2021 and 2022 online sessions

- la culture du suivi évaluation doit être promu et la synergie des acteurs consolidée.
- Learning is an important dimension of M&E
- Le modèle de Startup Chile est intéressant pour booster l'entreprenariat innovant en Afrique
- L'écosystème STI est structuré par un bon ME
- The Key role of Gov for creating market demand
- monitoring - better for agencies to do not only STI Ministries so (without fear) they can ask why some things were not done and advise on what should be done with time frames
THANK YOU !