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| Title: ITU logo | INTERNATIONAL TELECOMMUNICATION UNION**TELECOMMUNICATION STANDARDIZATION SECTOR**STUDY PERIOD 2022-2024 | TSAG-TD372 |
| TSAG |
| **Original: English** |
| **Question(s):** | N/A | Geneva, 22-26 January 2024 |
| **TD(Ref.:** [ITU-D SG 2-LS52](http://handle.itu.int/11.1002/ls/sp17-itu-dsg2-iLS-00052.docx)**)** |
| **Source:** | ITU-D Study Group 2 |
| **Title:** | LS/i from ITU-D Study Group 2 to TSAG on the Rapporteur Group on sustainable digital transformation [from ITU-D SG2] |
| **LIAISON STATEMENT** |
| **For action to:** | - |
| **For information to:** | TSAG |
| **Approval:** | Second Meeting of ITU-D Study Group 2 (Geneva, 3 November 2023) |
| **Deadline:** | N/A |
| **Contact:** | Mr Fadel Digham Chair, ITU-D Study Group 2 | E-mail: fadel.digham@gmail.com  |
| **Contact:** | Mr Mohamed Lamine Minthe Vice-Chair, ITU-D Study Group 2 | E-mail: minthe.mohamedlamine@arpt.gov.gn  |
| **Contact:** | Mr Kyung-Tak Lee Study Group Advisor, ITU-D Study Group Secretariat | E-mail: devsg@itu.int  |

A new liaison statement has been received from ITU-D SG 2.

This liaison statement follows and the original file can be downloaded from the ITU ftp server at <http://handle.itu.int/11.1002/ls/sp17-itu-dsg2-iLS-00052.docx>.

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| **TelecommunicationDevelopment Sector****Study Groups** | A close up of a sign  Description automatically generated |
| **Second Meeting of ITU-D Study Group 2** |
| **Geneva, 30 October – 3 November 2023** |
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|  | **Document** [**2/215-E**](https://www.itu.int/md/D22-SG02-C-0215/) |
| **10 November 2023** |
| **English only** |
| All Questions |  |
| SOURCE: | Chair and Vice-Chair, ITU-D Study Group 2 |
| TITLE: | Liaison statement from ITU-D Study Group 2 to TSAG Rapporteur Group on sustainable digital transformation |
| Reference to documents: [2/104](https://www.itu.int/md/D22-SG02-C-0104/) |

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**LIAISON STATEMENT from ITU-D Study group 2 to TSAG RAPPOrTEUR GROUP ON SUSTAINABLE DIGITAL TRANSFORMATION**

**ITU-D Study Group 2: Digital transformation**

3 November 2023

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| **To:** | TSAG Rapporteur Group on Sustainable Digital Transformation (RG-DT) |
| **From:** | ITU-D Study Group 2 |
| **For:** | Information |
| **Approval:** | ITU-D Study Group 2 Plenary meeting on 3 November 2023 |
| **Contacts:** | Mr Fadel Digham, Chair, ITU-D Study Group 2E-mail: fadel.digham@gmail.comMr Mohamed Lamine Minthe, Vice-Chair, ITU-D Study Group 2E-mail: minthe.mohamedlamine@arpt.gov.gn |
| **BDT Focal Points:** | Mr Kyung-Tak Lee, Study Group Advisor, ITU-D Study Group SecretariatE-mail: devsg@itu.int |

**ITU-D Study Group 2 (Digital transformation)** (ITU-D SG2) would like to thank the TSAG Rapporteur Group on Sustainable Digital Transformation (RG-DT) for their liaison statement (Document [2/104](https://www.itu.int/md/D22-SG02-C-0104/)), which encourages ITU-D study groups to provide information on the activities and studies related to sustainable digital transformation.

ITU-D study groups examine specific topics (Questions) of importance, in particular to developing countries, to support them achieving the United Nations Sustainable Development Goals (SDG), targets and their specific development priorities. During this study period (2022-2025), the following seven Questions are being studied under ITU-D SG2:

**ITU-D Study Group 2 Questions**

* Q1/2: Smart sustainable cities and communities;
* Q2/2: Enabling technologies for e-services and applications, including e-health and e-education;
* Q3/2: Securing information and communication networks: Best practices for developing a culture of cybersecurity;
* Q4/2: Telecommunication/ICT equipment: Conformance and interoperability, combating counterfeiting and theft of mobile devices;
* Q5/2: Adoption of telecommunications/ICTs and improving digital skills;
* Q6/2: ICTs for the environment;
* Q7/2: Strategies and policies concerning human exposure to electromagnetic fields.

More information about these Questions can be found through the following [link](https://www.itu.int/en/ITU-D/Study-Groups/2022-2025/Pages/reference/Questions-under-study.aspx). Annex 1 of this liaison statement provides descriptions and links to the final reports of the previous study period (2018-2022), as well as on the expected deliverables for the current study period (2022-2025), based on the template provided by TSAG RG-DT in their liaison statement.

ITU-D SG2 looks forward to continuing the good communication initiated with TSAG Rapporteur Group on Sustainable Digital Transformation (RG-DT).

**Annex 1**

**Activities and studies related to sustainable digital transformation**

| **Sector/Domain** | **Study group or****SDO** | **Title of deliverable** | **Scope of deliverable** | **Current status** | **Reference/URI** |
| --- | --- | --- | --- | --- | --- |
| *Please indicate the sector/domain for which digital transformation is applied**(e.g. health, education, transportation, standardization, etc.)* | *Please highlight the ITU-T, ITU-D, ITU-R SG or other SDO which is in charge* | *Please indicate the title of the deliverable* | *Please provide the short description summarizing the scope of the deliverable highlighting its relevance to digital transformation* | *Please indicate status of the deliverable (e.g. approved, ongoing)* | *Please provide reference to the latest document, including a hyperlink* |
| *Smart cities and communities* | *ITU-D, SG2* | Smart sustainable cities and communities (Q1/2) | It covers smart city planning, architecture/software/data management, smart services as well as concept design for connectivity and infrastructure, policies and business models.  | Ongoing | Final report of the *previous* study period for additional information:[link](https://www.itu.int/hub/publication/D-STG-SG02.01.2-2021/)Related BDT activities: [link](https://www.itu.int/itu-d/sites/ict-applications/) |
| *Education, health* | *ITU-D, SG2* | Enabling technologies for e-services and applications, including e-health and e-education (Q2/2) | It investigates the best practice, potential technologies and capacity preparedness models of e-applications in developing countries: e-health including AI/ML, mobile hospital and rural e‑healthcare, e-education and other applications (agriculture, fisheries, science, art, etc.) which impact business and social life in developing countries. | Ongoing | Final reports of the *previous* study period for additional information:[link](https://www.itu.int/hub/publication/D-STG-SG02.02.3-2021/) (Q2/2)[link](https://www.itu.int/en/myitu/Publications/2021/07/22/12/07/Emerging-technologies) (Q3/1)Related BDT activities: [link](https://www.itu.int/itu-d/sites/ict-applications/) |
| *Cybersecurity* | *ITU-D, SG2* | Securing information and communication networks: Best practices for developing a culture of cybersecurity (Q3/2) | This addresses, among other things:* User awareness and capacity building regarding cybersecurity requirements;
* Experiences with cybersecurity assurance practices;
* Approaches and best practices in responding to cybersecurity incidents;
* Approaches and experience sharing in national CSIRT/CIRT coordination for critical infrastructure resilience;
* Approaches and best practices, and collection of experiences on the implementation of national cybersecurity strategies and policies;
* Challenges and approaches to 5G cybersecurity.
 | Ongoing | Final report of the *previous* study period for additional information:[link](https://www.itu.int/en/myitu/Publications/2021/09/28/13/54/SG2-Q3-2-Final-Report)Interim deliverable on cybersecurity assurance practices:[link](https://www.itu.int/md/D22-SG02-C-0134/en)Related BDT activities: [link](https://www.itu.int/itu-d/sites/cybersecurity/) |
| *Conformance, interoperability, counterfeiting, theft of mobile devices* | *ITU-D, SG2* | Telecommunication/ICT equipment: Conformance and interoperability, combating counterfeiting and theft of mobile devices (Q4/2) | It covers devices-related issues such as:* ICT products enabling the SDGs;
* Conformance and interoperability;
* Fight against the proliferation of counterfeit devices, poor quality devices and tampered devices;
* Mobile device theft;
* Internet of Things and C&I;
* Examination of information transfer, know-how and training;
* Challenges for C&I.
 | Ongoing | Final report of the *previous* study period for additional information:[link](https://www.itu.int/en/myitu/Publications/2021/09/28/17/06/Assistance-to-developing-countries-to-implement-conformance-interoperability-anti-counterfeit)Related BDT activities: [link](https://www.itu.int/en/ITU-D/Technology/Pages/ConformanceandInteroperability.aspx) |
| *Digital skills* | *ITU-D, SG2* | Adoption of telecommunications/ICTs and improving digital skills (Q5/2) | A new Question added this cycle to assist in the following regards:* Adoption of ICTs;
* Digital Skills Deployment;
* Framework for Digital Skills Adoption at different levels.
 | Ongoing | (This is a new study Question)Related BDT activities: [link](https://www.itu.int/itu-d/sites/capacity-development/) |
| *Environment* | *ITU-D, SG2* | ICTs for the environment (Q6/2) | It covers environmental-related issues pertinent to use of ICT to protect and monitor environment: and climate change:* New technologies for climate change;
* Challenges and case studies on climate change;
* Comparative Guidelines to mitigate the impacts of climate change;
* Challenges of e-waste;
* Actions taken to address the challenges of e-waste processes and procedures.
 | Ongoing | Final report of the *previous* study period for additional information:[link](https://www.itu.int/en/myitu/Publications/2021/10/01/08/28/Information-and-communication-technologies-and-the-environment)Related BDT activities: [link](https://www.itu.int/itu-d/sites/environment/) |
| *Human exposure to electromagnetic fields* | *ITU-D, SG2* | Strategies and policies concerning human exposure to electromagnetic fields (Q7/2) | It covers health and EMF exposure issues related to spread adoption of digital services and devices:* ITU and international activities;
* Updates and the adoptions of international and regional RF-EMF exposure limits;
* Policies to limit exposure to radiofrequency fields;
* Formulating national EMF policies on exposure limits.
 | Ongoing | Final report of the *previous* study period for additional information:[link](https://www.itu.int/en/myitu/Publications/2021/10/01/08/44/Policies-guidelines-of-human-exposure-to-radio-frequency-electromagnetic-fields)Related BDT activities: [link](https://www.itu.int/itu-d/sites/ict-infrastructure/) |

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