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| ITU logo | INTERNATIONAL TELECOMMUNICATION UNION  **TELECOMMUNICATION STANDARDIZATION SECTOR**  STUDY PERIOD 2017-2020 | | | | TSAG-TD1254 |
| **TSAG** |
| **Original: English** |
| **Question(s):** | | N/A | | | E-Meeting, 10-17 January 2022 |
| **TD (Ref.:** [SG13-LS239](http://handle.itu.int/11.1002/ls/sp16-sg13-oLS-00239.doc)) | | | | | |
| **Source:** | | ITU-T Study Group 13 | | | |
| **Title:** | | LS on SG13 status of preparations for WTSA-20 [from ITU-T SG13] | | | |
| **Purpose:** | | Information | | | |
| **LIAISON STATEMENT** | | | | | |
| **For action to:** | | | - | | |
| **For comment to:** | | | - | | |
| **For information to:** | | | TSAG | | |
| **Approval:** | | | ITU-T Study Group 13 meeting (Virtual, 10 December 2021) | | |
| **Deadline:** | | | N/A | | |
| **Contact:** | | | Yoshinori Goto NTT Japan | Tel: +81 422 59 6489 Email: [yoshinori.gotou.zr@hco.ntt.co.jp](mailto:yoshinori.gotou.zr@hco.ntt.co.jp) | |

A new liaison statement has been received from SG13.

This liaison statement follows and the original file can be downloaded from the ITU ftp server at <http://handle.itu.int/11.1002/ls/sp16-sg13-oLS-00239.doc>.

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| **itu-old** | | INTERNATIONAL TELECOMMUNICATION UNION  **TELECOMMUNICATION STANDARDIZATION SECTOR**  STUDY PERIOD 2017-2020 | | | | | | **SG13-LS239** | |
| **STUDY GROUP 13** | |
| **Original: English** | |
| **Question(s):** | | | All/13 | | | Virtual, 29 November – 10 December 2021 | | | |
| **Ref.:SG13-TD427/PLEN** | | | | | | | | | |
| **Source:** | | | ITU-T Study Group 13 | | | | | | |
| **Title:** | | | LS on SG13 status of preparations for WTSA-20 [to TSAG] | | | | | | |
| **LIAISON STATEMENT** | | | | | | | | | |
| **For action to:** | | | | | - | | | | |
| **For comment to:** | | | | | - | | | | |
| **For information to:** | | | | | TSAG | | | | |
| **Approval:** | | | | | **ITU-T Study Group 13 meeting (Virtual, 10 December 2021)** | | | | |
| **Deadline:** | | | | | N/A | | | | |
| **Contact:** | | | Yoshinori Goto  NTT  Japan | | | | Tel: +81 422 59 6489  Email: [yoshinori.gotou.zr@hco.ntt.co.jp](mailto:yoshinori.gotou.zr@hco.ntt.co.jp) | | |
| **Keywords:** | | | Question text; WTSA; preparations | | | | |
| **Abstract:** | | | This TD contains updates to the status of SG13 preparations for WTSA, annexes contain a clean and revision-marked version of the Q1/13 text agreed by SG13 for submission to WTSA-20. | | | | |

This document informs TSAG, per its request [[TSAG-LS42](https://www.itu.int/ifa/t/2017/ls/tsag/sp16-tsag-oLS-00042.zip)], about the SG13 status of preparations for the next study period further to its earlier report found in [TSAG-TD1130](https://www.itu.int/md/T17-TSAG-211025-TD-GEN-1130/en).

At the virtual plenary meeting of 6 December 2021 Study Group 13 agreed the revised text of Question 1/13 *“Future Networks: Innovative Service Scenarios, including Environmental and Socio Economical Aspects”* for the next study period.

The text of other 12 Questions, except Question 1/13, remains unchanged as found in [Report 18/TSAG](https://www.itu.int/md/T17-TSAG-R-0018/en).

Portions of Resolution 2 also remain unchanged and may be found in [TSAG-TD993R1](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=T17-TSAG-210111-TD-GEN-0993).

Annexes:

1. Annex 1 - Clean text of Q1/13
2. Annex 2 – Revision-marked text of Q1/13

Table 1 – Map of in-force SG13 Question to the proposed one

| New number | New Question title | Status | Current number | Current Question title |
| --- | --- | --- | --- | --- |
| 1/13 | Future Networks: Innovative service scenarios, including environmental and socio economical aspects | Continued | 1/13 | Future Networks: Innovative service scenarios, including environmental and socio economical aspects |

**Annex 1 - Clean text of Q1/13**

**Question 1/13** (former QN/13) - **Future Networks: Innovative Service Scenarios, including Environmental and Socio Economical Aspects**

(Continuation of Q1/13)

**1 Motivation**

Innovative service scenarios with support of information technologies are preparing opportunities for new services to be created in various environments demanding ICT support. For example, risk mitigation service features related to the effects of the climate on the environment form nowadays services scenarios of quickly increasing importance.

It is important to consider not only the potential application services (described by use cases) that may be developed, but also the anticipated operating service scenarios and the implementations of service models (described by service deployment models). These considerations can be applied to assist the application service planning and may possibly even accelerate the availability and automation of application services in future Networks. Service deployment models based on future network technologies can be designed to enable service providers’ business innovation.

The use cases should be initiated from the user perspective and the service deployment models should take into account the service providers’ perspective.

In the context of these studies, this Question will also consider environmental and socio-economic aspects with the objective to minimize the environmental impact as well as to reduce the barriers to entry for the various actors involved in the network ecosystem

Recommendations under responsibility of this Question include:

- Y-series Recommendation

**2 Question**

Study items to be considered include, but are not limited to:

* Use cases and service scenarios for innovative application services in Future Networks;
* Service deployment models for innovative application services in Future Networks;
* Support of environmental awareness (e.g., for energy saving) in the context of innovative application services in Future Networks;
* Support of socio-economic awareness in the context of innovative application services in Future Networks.

**3 Tasks**

Tasks include, but are not limited to, the development of documents as appropriate, for:

* Use cases, service scenarios and service deployment models for innovative application services in Future Networks, such as smart farming, smart learning, smart industries, smart energy control, smart logistics, UAV (Unmanned Aerial Vehicle) based services;
* Environmental awareness for energy consumption reduction and energy efficiency management in the context of innovative application services in Future Networks;
* Socio-economic awareness in the context of innovative application services in Future Networks

Question produces and progresses work items through, or in coordination with, other related Questions, if necessary.

An up-to-date status of work under this Question is contained in the SG13 work programme:

<https://www.itu.int/ITU-T/workprog/wp_search.aspx?Q=1/13>

**4 Relationships**

**WSIS Action Lines**

* C2, C7 e-environment

**Sustainable Development Goals**

* 8, 9, 12, 13

**Recommendations**

* Y-series Recommendations

**Questions**

* All Questions of SG13

**Study groups**

* ITU-T Study Groups 5, 11, 16, 17, 20
* ITU-D Study Groups 1 and 2

**Other bodies**

* ISO, IEC, ANSI, ETSI
* IEEE, IETF, OMA, W3C
* APT, GS1, FAO

**Annex 2 – Revision-marked text of Q1/13**

**Question 1/13** (former QN/13) - **Future Networks: Innovative Service Scenarios, including Environmental and Socio Economical Aspects**

(Continuation of Q1/13)

**1 Motivation**

Innovative service scenarios with support of information technologies are preparing opportunities for new services to be created in various environments demanding ICT support. For example, risk mitigation service features related to the effects of the climate on the environment form nowadays services scenarios of quickly increasing importance.

It is important to consider not only the potential application services (described by use cases) that may be developed, but also the anticipated operating service scenarios and the implementations of service models (described by service deployment models). These considerations can be applied to assist the application service planning and may possibly even accelerate the availability and automation of application services in future Networks. Service deployment models based on future network technologies can be designed to enable service providers’ business innovation.

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Recommendations under responsibility of this Question include:

- Y-series Recommendation

**2 Question**

Study items to be considered include, but are not limited to:

* Use cases and service scenarios for innovative application services in Future Networks;
* Service deployment models for innovative application services in Future Networks;
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Question produces and progresses work items through, or in coordination with, other related Questions, if necessary.

An up-to-date status of work under this Question is contained in the SG13 work programme:

<https://www.itu.int/ITU-T/workprog/wp_search.aspx?Q=1/13>”

**4 Relationships**

**WSIS Action Lines**

* C2, C7 e-environment

**Sustainable Development Goals**

* 8, 9, 12, 13

**Recommendations**

* Y-series Recommendations

**Questions**

* All Questions of SG13

**Study groups**

* ITU-T Study Groups 5, 11, 16, 17, 20
* ITU-D Study Groups 1 and 2

**Other bodies**

* ISO, IEC, ANSI, ETSI
* IEEE, IETF, OMA, W3C
* APT, GS1, FAO

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