|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| itu_logo | | **International telecommunication union**  **Telecommunication Standardization Bureau** | |  |
|  | | | Geneva, 18 December 2015 | |
| Ref: | **TSB Circular 186**  COM 5/CB | | - To Administrations of Member States of the Union | |
|  |  | |
| Tel: | +41 22 730 6301 | |
| Fax: | +41 22 730 5853 | |
| E-mail: | [tsbsg5@itu.int](mailto:tsbsg5@itu.int) | | **Copy:**  - To ITU-T Sector Members;  - To ITU-T Associates;  - To ITU Academia;  - To the Chairman and Vice-Chairmen of Study Group 5;  - To the Director of the Telecommunication Development Bureau;  - To the Director of the Radiocommunication Bureau | |
| Subject: | **Questionnaire on "Green ICT standards landscape"** | | | |

Dear Sir/Madam,

During the last meeting of Study Group 5, which took place in Geneva from 12 to 23 October 2015, it was decided, within the framework of the study conducted under Question 17/5 (*Energy efficiency for the ICT sector and harmonization of environmental standards*), to produce the questionnaire which is described below:

**Questionnaire on "Green ICT standards landscape"**

ITU-T Study Group 5 is developing a new Supplement on “Green ICT standards landscape” which aims to provide a comprehensive and up-to-date picture of ongoing worldwide standardization activities related to energy efficiency and environmental sustainability of ICT devices and infrastructures.

The questionnaire is divided into two parts:

1. General information about the respondent organization: the first part collects general information about the organization involved in one or more standardization activities (name, type, scope, reference URL and reference persons of the organization are required).

2. Description of standardization activities: the second part collects specific information about standardization activities completed, planned and foreseen by the respondent organization. One form should be filled-in for each standardization action that you wish to describe. This questionnaire accepts research projects that deal with energy efficiency and environmental sustainability in the ICT sector.

The results of the questionnaire will be collected and analysed in a Supplement that will be made publicly available on the ITU website at: <http://www.itu.int/ITU-T/climatechange/>

I would be very grateful if you could fill in the attached questionnaire and submit it not later than  
12 April 2016.

Should you have any questions, please do not hesitate to contact Ms Cristina Bueti ([tsbsg5@itu.int](mailto:tsbsg5@itu.int)).

The success of this questionnaire is dependent on the responses that are received from ITU-T Member States, Sector Members, Academia, and Associates. I urge you to take the time to fully respond to the survey and submit your responses before the above-mentioned deadline.

Thank you in advance for your cooperation.

Yours faithfully,

Chaesub Lee  
Director of the Telecommunication  
Standardization Bureau

**Annex: 1**

ANNEX 1  
(to TSB Circular 186)

**Questionnaire on "Green ICT standards landscape"**

## Glossary:

* *Respondent organization: any standards developing organizations (SDOs), industrial forum and research projects invited to complete this questionnaire.*
* *Standardization action: each specific activity (e.g. Recommendation, standard or report) proposed/realized by the respondent organization.*

General information about the respondent organization

### Name

Insert the name of the organization

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

### Type

Select the type of organization (select only one item)

* Standardization body ☐
* Industrial forum ☐
* Research project ☐
* Other (specify): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

### Scope

Select the scope of the organization (select only one item)

* International ☐
* Regional (specify the region): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* National (specify the country): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Other (specify): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

### Activity areas and objectives

Summarize the organization’s activity areas and objectives (500 characters max)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

### Reference URL

Insert the URL with additional information about the organization

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

### Organization’s involvement in standardization

Describe to what extent the organization is involved in standardization activities (select only one item).

1. Standard development[[1]](#footnote-1) ☐
2. Contribution to standard development[[2]](#footnote-2) ☐
3. Potential contribution to standard development[[3]](#footnote-3) ☐
4. No contribution to standard development ☐
5. Other (specify): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

### Your contact information

Insert your contact information.

|  |  |
| --- | --- |
| Name |  |
| Phone |  |
| Email |  |
| Organization Unit |  |

### Organization reference person information

Insert contact information about the organization reference person, if different from you. The reference person is the responsible for the data entered in the questionnaire. Please be sure to have his/her approval before submission.

|  |  |
| --- | --- |
| Name |  |
| Phone |  |
| Email |  |
| Organization Unit |  |

Description of the standardization activities

This part should be accessed only if one of the following options in section “Organization’s involvement in standardization” was selected:

1. *Standard development*
2. *Contribution to standard development*
3. *Possible contribution to standard development*
4. *Other*

This part of the questionnaire collects information about the standardization action/s completed, planned or foreseen by the organization.

*Each organization may create and fill in one or more forms: please fill in one form for each standardization action you wish to describe.*

Please fill a form for each standardization action completed, planned or foreseenthat you wish to describe.

**Title**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

### Summary *(1000 characters max including spaces)*

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

### Keywords (*100 characters max)*

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

### Reference URL

Insert the URL with additional information about the standardization action

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

### Standardization areas

Select one or more of the following areas:

* Energy efficiency in ICT equipment ☐  
  Design rules and technical solutions to optimize energy consumption in ICT devices.
* Energy efficiency in ICT Infrastructure ☐  
  Design rules and technical solutions to optimize energy consumption in ICT infrastructure  
  (i.e. a cluster of ICT devices and the related ancillary parts as, e.g., air conditioners, power converters, networks, data centres, etc.).
* Sustainability of ICT equipment, infrastructure and services ☐

Methodologies to assess the environmental impact of ICT equipment, infrastructure and services, and guidelines to produce, use and dispose ICTs in an eco-friendly way (e.g. environmentally friendly equipment manufacturing, end of life management, recycling, labelling, procurement practices, eco-rating schemes for mobile phones, etc.)

* Responsible handling of raw materials ☐  
  Guidelines to foster due diligence practices for a responsible supply chain of raw materials used in ICT products (e.g. green supply chain).
* Other (specify) : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

### ICT technology areas

Select the technology area(s) that are impacted by the standard (multiple selections are allowed) and indicate the preeminent one, if any:

Influenced Preeminent

* User terminal
  + Wired ☐ ☐
  + Wireless/mobile ☐ ☐
* Home/small office networking
  + Wired ☐ ☐
  + Wireless ☐ ☐
* Customer premises
  + Wired access network ☐ ☐
  + Wireless/mobile access network ☐ ☐
* Access network
  + Fixed ☐ ☐
  + Wireless/mobile ☐ ☐
* Core/aggregation and transport network
  + Transport ☐ ☐
  + Switching/routing ☐ ☐
* Wireless/mobile core/edge network
  + Transport ☐ ☐
  + Switching/routing ☐ ☐
* Cooling technologies for networking equipment
  + Equipment ☐ ☐
  + Cabinet ☐ ☐
  + Site ☐ ☐
* Power supply for networking
  + Equipment ☐ ☐
  + Cabinet ☐ ☐
  + Site ☐ ☐
* Data centres
  + Networking equipment ☐ ☐
  + IT equipment ☐ ☐
  + Power supply ☐ ☐
  + Cooling technologies ☐ ☐
* ICT services
  + Commercial services ☐ ☐
  + Educational services ☐ ☐
  + Machine to machine (M2M) ☐ ☐
  + Others ☐ ☐

(specify)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* Others (specify)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

### Scope

Provide the scope description including the typical use-cases where the standard can be applied to obtain the objectives defined above (1000 characters maximum).

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

### Output description

Specify the SDO, industrial forum or other organizations involved in the standardization action, the deliverable type, the status of the deliverable as well as the tentative start and end dates of the activity.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| *Organization involved* | *Document type[[4]](#footnote-4)* | Status[[5]](#footnote-5) | SDO status[[6]](#footnote-6) | Start date | End date[[7]](#footnote-7) | Additional information[[8]](#footnote-8) |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

**Additional information**

### Technologies

*Identify the technologies defined in the standardization action (e.g. interfaces, protocols, transmission techniques, architectures ….), if any.*

|  |  |  |
| --- | --- | --- |
|  | *Name* | *Description* |
| 1 |  |  |
| 2 |  |  |
| 3 |  |  |
| … |  |  |

### Metrics, key performance indicators (KPIs) and benchmarks

Identify the metrics/KPIs/benchmarks defined in the standardization action, if any.

|  |  |  |
| --- | --- | --- |
|  | *Name* | *Description* |
| 1 |  |  |
| 2 |  |  |
| 3 |  |  |
| … |  |  |

### Test methods and methodologies

*Identify the test methods and methodologies defined in the standardization action, if any.*

|  |  |  |
| --- | --- | --- |
|  | *Name* | *Description* |
| 1 |  |  |
| 2 |  |  |
| 3 |  |  |

### Best practices

*Identify the best practices relevant to the standardization action, if any.*

|  |  |  |
| --- | --- | --- |
|  | *Name* | *Description* |
| 1 |  |  |
| 2 |  |  |
| 3 |  |  |

### Reference to other related standards/documents

*List the main standards, technical documents or papers related to the standardization action, if any.*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | *Organization name* | *Document type* | *Title* | *Relevance*[[9]](#footnote-9) | *Additional information[[10]](#footnote-10)* | *Relation[[11]](#footnote-11)* | |
| 1 |  |  |  |  |  |  |
| 2 |  |  |  |  |  |  |
| 3 |  |  |  |  |  |  |
| ... |  |  |  |  |  |  |

### Liaisons

Specify the established, planned or foreseen liaisons/cooperation with other SDOs/industrial forums/projects for the standardization action development, if appropriate.

|  |  |  |  |
| --- | --- | --- | --- |
|  | *Organization name[[12]](#footnote-12)* | *Standard reference[[13]](#footnote-13)* | *Additional information[[14]](#footnote-14)* |
| 1 |  |  |  | |
| 2 |  |  |  | |
| 3 |  |  |  | |
| ... |  |  |  | |

### Open issues

Identify and describe open issues that were not described before, if any.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

### Future actions

Describe any planned or foreseen future development for the standardization action, if any.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

### Your contact information

Insert your contact information.

|  |  |
| --- | --- |
| Name |  |
| Phone |  |
| Email |  |
| Organization Unit |  |

### Organization reference person information

Insert contact information about the organization reference person, if different from you. The reference person is the responsible for the data entered in the questionnaire. Please be sure to have his/her approval before submission.

|  |  |
| --- | --- |
| Name |  |
| Phone |  |
| Email |  |
| Organization Unit |  |

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1. The organization develops its own standards. [↑](#footnote-ref-1)
2. The organization has either contributed or is contributing or is planning to contribute to standard development by supporting the work of either SDOs or industrial forums. [↑](#footnote-ref-2)
3. The organization has neither contributed nor is contributing nor is planning to contribute to standard development by addressing either SDOs or industrial forums; nonetheless the activity it is conducting can potentially support standard development activities in the future. [↑](#footnote-ref-3)
4. E.g., ETSI Standard (ES), ETSI Guide (EG), IETF RFC Standard (STD), IETF RFC Best Current Practice (BCP), ITU-T Recommendation G-Series, ITU-R Publication, ZigBee Alliance Specification, ZigBee Alliance Standard, Broadband Forum, etc. [↑](#footnote-ref-4)
5. One among: a) early draft, b) stable draft, c) final draft, d) approved, e) published, f) voting phase (select the definition that is closest to SDO specific one). [↑](#footnote-ref-5)
6. Organization specific status code if any. [↑](#footnote-ref-6)
7. Expected if the document is being edited. [↑](#footnote-ref-7)
8. Include any additional relevant information and a link (URL) to the document, if available. [↑](#footnote-ref-8)
9. Choose: a) Informative, b) Normative. [↑](#footnote-ref-9)
10. Include a brief description of the content and a link (URL) to the document. [↑](#footnote-ref-10)
11. Specify what relation the listed document has with the “standardization action output”; select one among a) Technology; b) Metric/KPI;  
    c) Benchmark/Test Method, d) Best practices. For example, selecting (a), it means that the listed document is a Technology, which the “Standardization Activity Output” is based on; selecting (c), it means that the listed document defines Benchmarks or Test Methods the “Standardization Action Output” refers to. [↑](#footnote-ref-11)
12. Name of the organization invited to cooperate. [↑](#footnote-ref-12)
13. Specify the addressed organization’s standard document(s), if any, affected by the liaison (one row per each document). [↑](#footnote-ref-13)
14. Include a brief description of the liaison operability and targets. [↑](#footnote-ref-14)