

Terms of Reference

Joint Coordination Activity on Smart Grid and Home Networking (JCA-SG&HN)

1. Scope

The Terms of Reference of this JCA are consistent with clause 2.2.1 of Recommendation ITU-T A.1. The scope of this JCA is the coordination, both inside and outside of the ITU-T, of standardization work concerning all network aspects of Smart Grid and related communication as well as Home Networking.

2. Objectives

This JCA on Smart Grid and Home Networking will be responsible for the stimulation and coordination of all network aspects of Smart Grid and related communication (e.g., Smart Meters, Home Energy Management, and data concentrator) standardization activities across the ITU (e.g., relevant ITU-T Study Groups, ITU-R and ITU-D) and relevant bodies (e.g., SDOs, forums, regional/national organizations, and academia) in this standardization area. This JCA will also be responsible for the stimulation and coordination of Home Networking standardization activities across the ITU and relevant bodies. This will be achieved through the following objectives;

- The JCA-SG&HN will coordinate Smart Grid activities within the ITU.
- The JCA-SG&HN will provide a visible point of contact for Smart Grid activities in the ITU, will seek cooperation from relevant bodies working in the field of Smart Grid and will enable effective two-way communications with these bodies.
- Note: Global coordination on Smart Grid is taking place in IEC Strategic Group 3. IEC SG3 comprises expertise from all activities in IEC and has links and liaisons with other groups working on aspects of Smart Grid. ITU-T will have full representation and participation in Strategic Group 3, and any external coordination by JCA-SG&HN on network aspects of Smart Grid will be in concert with IEC.
- The JCA-SG&HN will coordinate Home Networking activities within the ITU.
- The JCA-SG&HN will provide a visible point of contact for Home Networking activities within the ITU, will seek cooperation from relevant bodies working in the field of Home Networking and will enable effective two-way communications with these bodies.
- The JCA-SG&HN will facilitate work assignments among the relevant ITU-T Study Groups and will coordinate with ITU-R, ITU-D and relevant bodies when it is not clear where the work should be carried out, and recommend an allocation of tasks.
- The JCA-SG&HN will identify areas of duplication and facilitate harmonization of the related specifications and identify areas where specifications are needed. To support these activities, the JCA-SG&HN will actively manage the development of said specifications in the relevant ITU-T Study Groups, and will harmonize with ITU-R, ITU-D and relevant bodies by closely working with them and tracking their results.
- The JCA-SG&HN will work closely with JCA-IoT (in particular machine-to-machine aspects) on topics related to smart grid applications.

3. Leadership

As needed, co-convenors (maximum of 3) may be proposed by the JCA-SG&HN for approval by TSAG.

4. Participation

See Recommendation ITU-T A.1, clause 2.2.3.

5. Administrative Support

The TSB Secretariat will provide services (including TIES access) and facilities required by the JCA-SG&HN.

6. Meetings and Working Methods

JCA-SG&HN will work electronically using teleconferences (virtual meetings) and with face-to-face meetings as needed. Meetings will be held as determined by the JCA-SG&HN and will be announced to its participants and on the ITU-T website. A report of each meeting will be produced. Registration is required to participate in the activities of the JCA-SG&HN or to access its documents. For registration and other information, please contact tsbjcasghn@itu.int.

It is expected that the JCA-SG&HN will make its decisions by consensus among the participants at the meeting.

As necessary, more detailed working procedures may be produced by the JCA-SG&HN between TSAG meetings and submitted to TSAG for its approval.

The mailing list dedicated to this activity is jcasghn@lists.itu.int

The JCA-SG&HN may generate liaisons to, or receive liaisons from, the participating organizations as needed.

7. Progress Reports

The JCA-SG&HN will submit a report to each TSAG meeting and to the other participating organizations.

8. Review

These Terms of Reference are subject to review at every TSAG meeting.