

# European Multi-Stakeholder Platform on ICT Standardization

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Communities Coordination Group (SSCC-CG )

**Document for:**

<b>Information</b>	✓
<b>Decision</b>	
<b>Discussion</b>	

## **The CEN-CENELEC Smart and Sustainable Cities & Communities Coordination Group (SSCC-CG)**

### **Why standards for smart cities?**

Smart cities technologies will result in commercial-scale solutions with a high market potential in different sectors and the integration, harmonization, cost reduction and interoperability of those identified solutions, can be ensured by standards. To achieve this in the best way, a strongly system-oriented approach to standardization must be taken.

Standardization can provide guidelines, specifications and requirements for system or management aspects that contribute to the development of good practices and accelerate the move towards more efficient, more liveable and sustainable cities.

Standards can support:

- Interoperability of solutions, i.e. adaptability of solutions to new user requirements and technological change;
- Interoperability across city systems, i.e. optimise real-time model transport data, integrate renewable energy sources into the grid, etc.
- Avoidance of market fragmentation and barriers' interfaces, opening up of the market for multiple actors;
- Availability of data and data sharing, comparability of performance (KPIs), outcome measurements and common indicators, tools for impact assessment;
- Facilitate the roll-out of integrated, scalable and sustainable smart cities solutions;
- Support cost reduction and new business models;
- Boost industry competition and public procurement processes;
- Position European Smart Cities as world leaders, and improve the everyday lives of European citizens.

### **The Smart and Sustainable Cities & Communities Coordination Group (SSCC-CG)**

The Coordination Group was established as a CEN-CENELEC activity, following a successful workshop organised by the CEN-CENELEC Management Centre in 2012, and the wide level of interest generated in standardization on this topic. The ETSI Board has agreed to participate, and this is in the process of being officialised.

The scope of the Group is to provide overviews and reports to the standards bodies on relevant international, European and national initiatives; stakeholders and interested parties in Europe; and topics and issues to be dealt within the scope of smart and sustainable cities and communities.

The SSCC-CG has created three initial ad-hoc Task Groups:

- TG 1 '*Mapping of relevant International, European and national standardization initiatives*';
- TG 2 '*Mapping of stakeholders and interested parties in Europe*', with the objective to define the categories of interested parties
- TG 3 '*Mapping of topics and issues to be dealt with under the scope of the SSCC*'

This mapping activity is intended to lead to a **roadmap** presenting the outcome of the 3 Task Groups and **recommendations** for follow-up actions and for the future creation of the necessary standards activities. The SSCC-CG shall complete its tasks **by the end of 2014** at the latest.

At the level of **strategic coordination**, the SSCC-CG will ensure complementarity with existing national, European and international initiatives in the sector, and help to avoid duplication of work already under way. It will liaise with relevant European Commission initiatives (the **Smart Cities Platform** and the **European Innovation Partnership for Smart Cities and Communities**).

The SSCC-CG will also ensure appropriate **technical co-ordination** between standards activities.

Finally, it will encourage relevant and interested stakeholders in Europe to engage and commit in the process: an **Interested Parties Platform** will be created, to raise awareness of the benefits of standardization, engage relevant stakeholders and users in standardization work, and provide feedbacks and research inputs into the standardization process.

Membership of the SSCC-CG currently comprises national standards organisations, interested partner associations, interested TCs (over 30 ESO Groups have been identified as having an interest!) and others - to advise on European interests and needs relating to standardization in this domain. Interested observers will come from International standardization (ISO and IEC (including JTC1) and ITU).

The Secretariat of the Coordination Group is provided by AFNOR and the Chairperson is Mr Jean Félix, Managing Director of Syntec Ingénierie, and Vice-President of EFCA – the European Federation of Engineering Consultancy Associations).

The MSP will be kept informed of progress.

### **Links to the Commission activities**

A senior CCMC representative participates in a "Sherpas' Group" which supports the High Level Group (HLG) of the Smart Cities and Communities European Innovation Partnership (EIP). The objective of the EIP is to "catalyse progress towards wide-scale deployment of innovative Smart Cities solutions at the intersection of energy, transport and ICT so to significantly make progress towards the 20/20/20 energy and climate goals objectives in our cities".

The Sherpa Group has prepared a Strategic Implementation Plan (SIP), which will help define how the 'Smart Cities' concept can be put into practice. and has already identified 'standardization' as one of the flagship actions to be included. The HLG is expected to officially adopt the SIP on 14 October.

The SIP focuses on 3 specific areas: sustainable districts and built environment, sustainable urban mobility and integrated infrastructures and processes across energy, ICT and transport. In particular, it proposes, a common set of 'Smart City standards', and makes specific recommendations for future activities to make this a reality.