Focus Group on Smart Sustainable Cities

Franz Zichy

Vice-chairman of the Focus Group on Smart Sustainable Cities (FG SSC)

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Focus Group on Smart Sustainable Cities (FG SSC)

- Established at ITU-T Study Group 5 meeting in Geneva, 29 January to 7 February 2013

- As an open platform for smart-city stakeholders for smart-city stakeholders to exchange knowledge in the interests of identifying the standardized frameworks needed to support the integration of ICT services in smart cities.

- Open to all

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Management Team

- **Secretariat**:
  Cristina Bueti,
  Adviser, ITU

Chairman:
- Silvia Guzman, Telefónica

Vice-chairmen:
- Flavio Cucchietti, Telecom Italia
- Pablo Bilbao, Federation Argentina de Municipios, Argentina
- Franz Zichy, USA
- Nasser Saleh Al Marzouqi, UAE
- Ziqin Sang, Fiberhome Technologies Group
- Sekhar Kondepudi, National University of Singapore

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Terms of Reference:
Main Tasks and Deliverables

Main tasks and deliverables:

- **Defining the role of ICTs in environmentally sustainable smart cities**, and identifying the ICT systems necessary to their development;

- **Identifying or developing a set of Key Performance Indicators (KPIs)** to gauge the success of smart-city ICT deployments;

- **Establishing relationships and liaison mechanisms** with other bodies engaged in smart-city studies and development;

- **Identifying future smart-city standardization projects** to be undertaken by its parent group, ITU-T Study Group 5;

- **Developing a roadmap for the ICT sector's contribution to Smart Sustainable Cities**, providing cohesion to the development and application of technologies and standards.

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1. ICT role & roadmap for Smart Sustainable Cities (SSC)

2. ICT infrastructure

3. Standardization gaps, KPIs and metrics

Working Groups

4. Policy & positioning (communications, liaisons and members)

Working Groups Activities

ICT role & roadmap for Smart Sustainable Cities

WG1 coordinator: Sekhar Kondepudi (National University of Singapore)

- Discussion on Draft Report on Definitions & Key Attributes of a SSC
- Will incorporate inputs from additional contributions
- Plan to Provide Standard Definition & accompanying Technical Report for discussion at the SG 5 Meeting in Lima, Peru in December 2013
- Next Steps (2014) will be to discuss Key Players & Stakeholders, Challenges & Barriers and Success Stories...

ICT Infrastructure

WG2 coordinator: Flavio Cucchietti (Telecom Italia)

- Setting the picture – Present use of ICT in cities.
- Knowing how service operate in developed and developing areas, present issues, success stories ...
- Estimating the future needs – challenges, ICT use in SSC, technology choices ...
- Standardization
- What is missing (joint WG2/WG3)
- Way forward

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Working Groups Activities (cont'd)

Standardization gaps, KPIs and metrics

WG3 coordinator: Ziqin Sang (Fiberhome Technologies Group)

- Standardization activities and gaps for SSC and suggestions to SG5 deliverable: standardization roadmap of SSC

- KPIs/metrics for SSC deliverable: KPIs and metrics of SSC

Policy & communication

WG4 coordinator: Daniela Torres (Telefónica)

- Stakeholders Map including standardization bodies & non-standardization bodies

- City Engagement Plan based on technical contributions of the Working Groups

- Focus Group Communications

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Meeting Results

**Turin,
8 May 2013**

- Establishment of FG-SSC structure and deliverables, 4 working groups created
- Liaison statements sent to other bodies engaged in smart-city studies and development.

**Madrid,
17 Sept 2013**

- Three main documents under development:
  1. Draft definition of Smart Sustainable Cities
  2. Draft of Key Performance Indicators for Smart Sustainable Cities
  3. Draft Stakeholders' Map and City Engagement Plan

- Liaison statements sent to other bodies engaged in smart-city studies and development.

**Lima,
6 December 2013**

- Third meeting of the Focus Group on Smart Sustainable Cities

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Third meeting of the Focus Group on Smart Sustainable Cities

Lima, Peru, 6 December 2013

Contributions are needed!

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Conclusion and Next Steps

- FG SSC contributions will be submitted to the next ITU-T Study Group 5 meeting in Lima (2-13 Dec. 2013);

- Need to engage new cities & other key stakeholders to participate and contribute.

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Links & Additional Information

- ITU-T and Climate Change
  http://www.itu.int/ITU-T/climatechange
- ITU Focus Group on Smart Sustainable Cities
  http://www.itu.int/en/ITU-T/focusgroups/ssc/Pages/default.aspx
- ITU Symposia & Events on ICTs and Climate Change
  http://www.itu.int/ITU-T/worksem/climatechange

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Thank YOU

greenstandard@itu.int

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