

The first meeting of SyC Smart Cities

September 28 AM, 2016
TC 100/AGS



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Summary

- The first meeting of SyC Smart Cities, Electrotechnical aspects of Smart Cities, was held in Singapore, on 2016-07-15.
- It approved the Title and Scope
- Also decided:
 - The Committee structure
 - The terms of references for the groups established
 - The conveners nominated for these groups
- Next Meeting: February 2017, in India



A.1 Approval of the Systems Committee Title

- For its first plenary meeting, SyC Smart Cities reviewed its title, and confirmed the title approved in SMB/5657A/RV:

Electrotechnical aspects of Smart Cities

- The SMB is kindly requested to endorse this title. The corresponding QP document will be circulated as SMB/5959/QP.



A.2 Approval of the Systems Committee Scope

- For its first plenary meeting, SyC Smart Cities reviewed its scope and the comments provided in SMB/5748A/INF. The Committee confirmed the scope initial wording submitted in SMB/5657/R and approved in SMB/5657A/RV.

To foster the development of standards in the field of electrotechnology to help with the integration interoperability and effectiveness of city systems

September 28, 2016

TC100/AGS

5



Note 1 of Scope

- **This will be done:**
 - By promoting the collaboration and systems thinking between IEC/TCs, the SyC and other SDOs in relation to city system standards;
 - By undertaking systems analysis to understand the needs for standards and assess new work item proposals (NWIPs) related to city systems;
 - By developing systems standards where needed and by providing recommendations to existing SyCs, TCs/SCs and other SDOs.

September 28, 2016

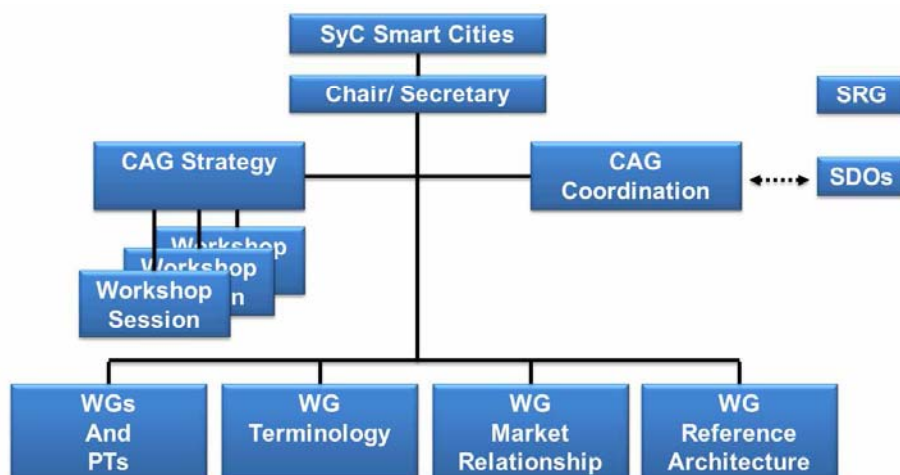
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6

Notes 2 and 3 of Scope

- Note 2:
Overall common city goals include, for example, sustainable development, efficiency, resilience, safety and support for citizen's engagement and participation. However, an individual city will follow its own approach.
- Note 3:
"Cities" refers to any geographically located population.

B.2 SyC Smart Cities structure





B.3 Terms of references for the groups and conveners nominated - 1

■ CAG Strategy (Convenor Fumio Ueno, JP)

- Roadmap for SyC Smart Cities
- Gather roadmaps from the TCs and SDOs engaged
- Maintain relationship and information exchange with users of the standards (city stakeholders)
- Develop and maintain the Strategic Business Plan of the SyC
- Discuss and propose the future structure for SyC Smart Cities
- Workshop sessions: use-case & gap analysis on a specific electro-technical system challenge of SyC Smart Cities (incubator for potential new working items and new working groups)

September 28, 2016

TC100/AGS

9



B.3 Terms of references for the groups and conveners nominated - 2

■ CAG Coordination (Convenor Fumio Ueno, JP)

- Collaboration platform for the (ISO/IEC/ITU) TCs and other SDOs
- Harmonize work in the scopes “gray zones” between the SDOs
- Analyze gaps and overlaps of efforts and standards
- Management of the work inside SyC Smart Cities
- Agreeing on necessary work items for SyC and TCs
- Electrotechnical aspect assessment of smart cities

September 28, 2016

TC100/AGS

10



B.3 Terms of references for the groups and conveners nominated - 3

- **WG Market relationship**
(Convenor Biyu Wan, CN,
Co-Convenor Sicelo Xulu, ZA)
 - Identify the key aspects of a Smart City
 - Collect and analyze use cases
 - Electrotechnical aspect of smart cities simulation
 - Road test standards in real cities

September 28, 2016

TC100/AGS

11



B.3 Terms of references for the groups and conveners nominated - 4

- **WG terminology**
(Convenor Michael Mulquin, GB)
 - Develop and maintain a common set of terminology for the SyC (Liaison to be established for common work with ISO)
- **WG reference architecture**
(Convenor Narang Kishor, IN,
Co-Convenor Heng Qian, CN)
 - Develop and maintain reference architecture model and standards mapping tool for smart cities in collaboration with SRG

September 28, 2016

TC100/AGS

12

**Thank you for your kind
attention**



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