

## Report of SyC Smart Cities

IEC/TC 100 AGS

OVE Austria

2016-05-24

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### Introduction

- ◆ Standardization Management Board has already established two Systems Committees at its 151<sup>st</sup> meeting in Tokyo, November 2014
- ◆ SyC AAL (Active Assisted Living) met three times since its first meeting in Frankfurt, March 2015
- ◆ At the 155<sup>th</sup> SMB meeting in February 2016, it approved to establish the third SyC on electrotechnical aspects of Smart Cities and appointed Dr Fumio Ueno of Japan as the first Chair
- ◆ The SMB allocated its Secretariat to IEC CO and IEC CO assigned the secretary role to Mr Pierre Sebellin

## Proposed Scope

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

Note 1 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.

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.

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## Its 12 P-members

Country	Country Code	P/O Status	IEC Membership
<a href="#">Austria</a>	AT	P-Member	Full Member
<a href="#">Australia</a>	AU	P-Member	Full Member
<a href="#">Germany</a>	DE	P-Member	Full Member
<a href="#">France</a>	FR	P-Member	Full Member
<a href="#">United Kingdom</a>	GB	P-Member	Full Member
<a href="#">India</a>	IN	P-Member	Full Member
<a href="#">Italy</a>	IT	P-Member	Full Member
<a href="#">Japan</a>	JP	P-Member	Full Member
<a href="#">Mexico</a>	MX	P-Member	Full Member
<a href="#">Russian Federation</a>	RU	P-Member	Full Member
<a href="#">Sweden</a>	SE	P-Member	Full Member
<a href="#">South Africa</a>	ZA	P-Member	Full Member

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## Its 13 O-members

Country	Country Code	P/O Status	IEC Membership
<a href="#">Bulgaria</a>	BG	O-Member	Full Member
<a href="#">Canada</a>	CA	O-Member	Full Member
<a href="#">Switzerland</a>	CH	O-Member	Full Member
<a href="#">Czech Republic</a>	CZ	O-Member	Full Member
<a href="#">Spain</a>	ES	O-Member	Full Member
<a href="#">Finland</a>	FI	O-Member	Full Member
<a href="#">Hungary</a>	HU	O-Member	Full Member
<a href="#">Malaysia</a>	MY	O-Member	Full Member
<a href="#">Poland</a>	PL	O-Member	Full Member
<a href="#">Saudi Arabia</a>	SA	O-Member	Full Member
<a href="#">Singapore</a>	SG	O-Member	Full Member
<a href="#">Spain</a>	ES	O-Member	Full Member
<a href="#">Switzerland</a>	CH	O-Member	Full Member

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## Next Step

- ◆ It has a plan to meet for the first time in Singapore on July 15<sup>th</sup> just after the IEC/ISO/ITU World Smart City Forum on July 13<sup>th</sup> (Open Session) and 14<sup>th</sup> (Closed Session) at Sands Convention Centre in Singapore.
  - WSCF Open Session on July 13<sup>th</sup>
  - WSCF Closed Session on July 14<sup>th</sup>
- ◆ SyC Smart Cities on July 15<sup>th</sup> (venue: to be announced)

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## WSCF: Programme outline for 13 July

9:00 to 9:05 Welcome from Moderator [Gordon Feller](#)

9:05 to 9:10 Mr. Frans Vreeswijk, General Secretary & CEO, IEC

9:10 to 9:15 Mr. Kevin McKinley, Acting ISO Secretary General

9:15 to 9:20 Dr. Chaesub Lee, Director of the ITU-T

9:20 to 9:30 Hon. Won Hee-Ryong, Governor of Jeju Provincial Government

9:30 to 9:40 SNPO speaker (tbd: Singapore Prime Minister's Office)

9:40 to 10:50

### [Panel Session 1 – Smart City pain point – Energy](#)

[Richard Schomberg](#) – EDF,

[Paolo Gemma](#) – Huawei Technologies,

[Sicelo Xulu](#) – City Power Johannesburg,

11:20 to 12:30

### [Panel Session 2 – Smart City pain point – Water](#)

[Diane d'Arras](#) – International Water Association,

[Alicia Asin](#) (Ms) – Librium,

Sang Zqin – Fiberhome,

[Trevor Gibson](#) – Opportunity Peterborough

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13:30 to 14:00

### [Post lunch Speeches \(10 min. each\):](#)

[Graham Colclough](#) – Urban DNA

14:00 to 15:10

### [Panel Session 3 – City pain point 3 – Cybersecurity and privacy](#)

[Dave Welsh](#) – Microsoft,

Indrani Chandrasegaran – Symantic,

Younus al Nasser – Assistant Director General of the Smart Dubai Office,

[Biyu Wan](#) – China Smart City Planning & Design Research Institute Co.

15:40 to 16:50

### [Panel Session 4 – City pain point – Transportation and mobility](#)

[Hiro Sakai](#) – Railway Technical Research Institute, Japan Railways,

[Blair Ruble](#) – Woodrow Wilson Center for Scholars,

[Boris Karsch](#) – VP Strategy, Cubic Transportation Systems, Inc., tbd

16:50 to 17:30

### Wrap-up

Moderation: [Gordon Feller](#), Co-Founder: Meeting of the Mind and former Director, Urban Innovations: Cisco Systems HQ.

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## The first meeting of SyC Smart Cities

### TO ALL NATIONAL COMMITTEES

Dear Sir/Madam,

**First meeting of SyC Smart Cities to be held in Singapore, on 2016-07-15**

### **Announcement and registration opening**

We are pleased to inform you that, at the invitation of the Singapore National Committee of IEC and SPRING Singapore and after consultation with the chairman and the secretariat, the next Plenary meeting of

**Systems Committee: Electrotechnical aspects of Smart Cities** will be held in **Singapore on 15 July 2016.**

The meeting will be held in conjunction with the World Smart City Forum and the World Cities Summit.

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## Working Groups of SEG 1

### **Working Groups:**

WG 1: City Service Continuity

WG 2: Urban Planning and Simulation System

WG 3: City Facilities Management (CFM)

WG 4: Use Case – Smart Home

WG 5: Use Case – Smart Education

WG 6: Smart Cities Assessment

WG 7: Standards Development for Smart Cities using the City of Johannesburg

WG 8[ Mobility and Logistics

### **Chairman Advisory Group:**

CAG: Chairman Advisory Group

TG 1 Inventory of relevant existing standards

TG 2 Reference architecture – Generic use cases

TG 3 Roadmap

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Thank you for your attention

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