

1st ITU Workshop on Data Processing and Management for IoT and Smart Cities & Communities

Overview of ISO TC 268 and CEN/CENELEC/ETSI Sector Forum SSCC

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Chairman of ISO TC 268
Chairman of CEN/CENELEC/ETSI SF SSCC



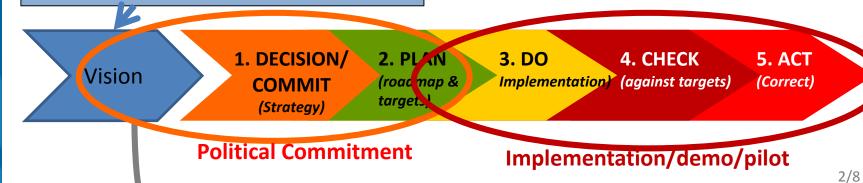




ISO TC 268 Sustainable cities and communities

Based on local context with long term targets, considering:

- Quality of life for all citizens
- Economic developement
- Environmental & Climate change issues



Quality Management throughout the whole process



ISO TC 268 Sustainable cities and communities

The proposed series of International Standards will encourage the **development and implementation of holistic and integrated approaches** to sustainable development & sustainability.



Chairman: Dr. Bernard Gindroz

Participating countries: 35

Observing countries: 22

SUSTAINABLE GOALS



TC 268 contributes to the **UN Sustainable Development Goals** through its standardization work.



ISO TC 268 Sustainable cities and communities

- Terms and Definitions
- → Description of cities
- → Strategies for long term vision

...to help decision/commitment

- → Multi sectorial Strategies for cities
- → Targets with Indicators
 ...to help setting roadmaps with targets

- → Identify infrastructures issues
- → Identify multisectoriel issues
- → Set Indicators for progress follow-up and reporting
- ...to help implementing the roadmaps/actions plans
 - Measure progress towards planned targets
 - ... to evaluate the results of the actions

Vision

1. DECISION/
COMMIT
(Strategy)

2. PLAN (roadmap & targets)

3. DO Implementation

4. CHECK

(against targets)

5. ACT

(Correct)

Diagnostic of city's « readiness level » (maturity) ...for setting a long term vision

Management & governance, and quidelines



ISO Smart and Sustainable Cities developments TC 268

Organization ISO/TC 268/WG 1 Management System ISO/TC 268/SC 1/TG 2 Standards **Pilot Testing ISO/TC 268** ÷ Sustainable development ISO/TC 268/SC 1/TG 1 ISO/TC 268/WG 2 in communities City indicators Roadmap ISO/TC 268/SC 1/WG 1 ISO/TC 268/WG 3 Infrastructure metrics CAG City anatomy and (Chairman Advisory sustainability terms ISO/TC 268/SC 1/WG 2 Group) Integration and interaction framework for smart community ISO TC 268 Ad-hoc Group ISO/TC 268/WG 4 infrastructures Strategies for smart « good practices of cities » cities and communities in support of ISSCC ISO/TC 268/SC 1/WG 3 and Maturity Model Smart transportation CEN/CENELEC/ETSI ISO/TC 268/SC 1 SSCC-SF ISO/TC 268/SC 1/WG 4 **Smart community** Data exchange and sharing for infrastructures ISO/TMB/SSCTF smart community infrastructures ISO-IEC/JTC1 WG 11 **ISOTC 268TG** IEC/SysC **Smart Cities services**

At European Level





CEN/CENELEC/ETSI Sector Forum on Smart and Sustainable Cities and Communities (SF-SSCC)

Dr. Bernard GINDROZ - Chairman

SERVING THE CITIES' NEEDS

sustainable cities and communities





INTERNATIONAL

EUROPEAN



Smart and Sustainable Cities and Communities



- Sector Forum created in 2017
- As a horizontal strategic and advisory body on smart & sustainable cities and communities
- 2 plenary sessions per year
- 1 annual seminar
- Permanent representation in the European Innovative Partnership initiative from the European Commission (Smart Cities and Communities – EIP SCC -)
- Permanent representation of EIP AHA through AGE Platform
- Permanent participation of the European Commission



- provide a **platform for exchange** of information **between cities** and **all concerned stakeholders**, including **citizens**;
- provide support and guidance to the relevant technical bodies, essentially on horizontal or cross-sectorial matters;
- **coordinate and advise** on standardization activities relevant to the cities and the sector;
- consider where further standardization work is needed within the sector.



- Collect expectations expressed in the EIP SCC and EIP AHA and inform them about on-going and new standardization development
- Motivate replication and scaling-up
- Share **national views and position** about international standardization development (ISO, IEC, ITU)i.e. discuss and make recommendation about **adoption of international standards** (ISO, IEC, ITU) at European level



Annual event

- First one last October 19th in Brussels, co-organized by European Commission and CEN/CENELEC/ETSI
- Collect expression of needs from cities and communities
- Identify topics where standardization development is relevant
- Create dedicated Working Groups for mapping needs and gaps
- Reference standardization Board for Smart & Sustainable Cities and Communities in Europe



On going work-in line with outcomes from the annual event

- » Mapping challenges faced by cities for smart and sustainble development
- » Mapping existing initiatives & standardization development
- » Collecting expression of needs for standardization development
- » Integration of **societal priorities** in SSCC consideration
- » Integration of citizens' needs co-creation



Conclusions and perspectives

- A need for holistic approach & New governance models
- A culture of results with perman provement approach
- A culture of communication and reporting to keep collective engagement A need Reaction in plementation
 - Cities' and citizens' representatives in mirror commi
- A need quidelines are theirkey to

 - club of Cities implementing star large with an agreement system traction 37101)
 - → Please feel free to contribute and participate



Questions & Answers









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