



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

**Dr. Bernard GINDROZ**

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



International  
Organization for  
Standardization

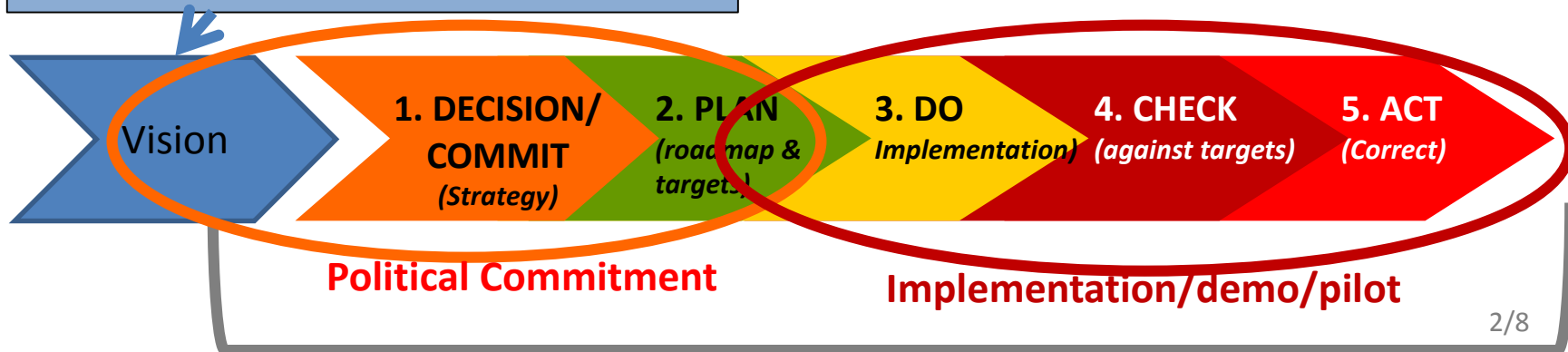
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# ISO TC 268 Sustainable cities and communities

Based on local context with long term targets, considering :

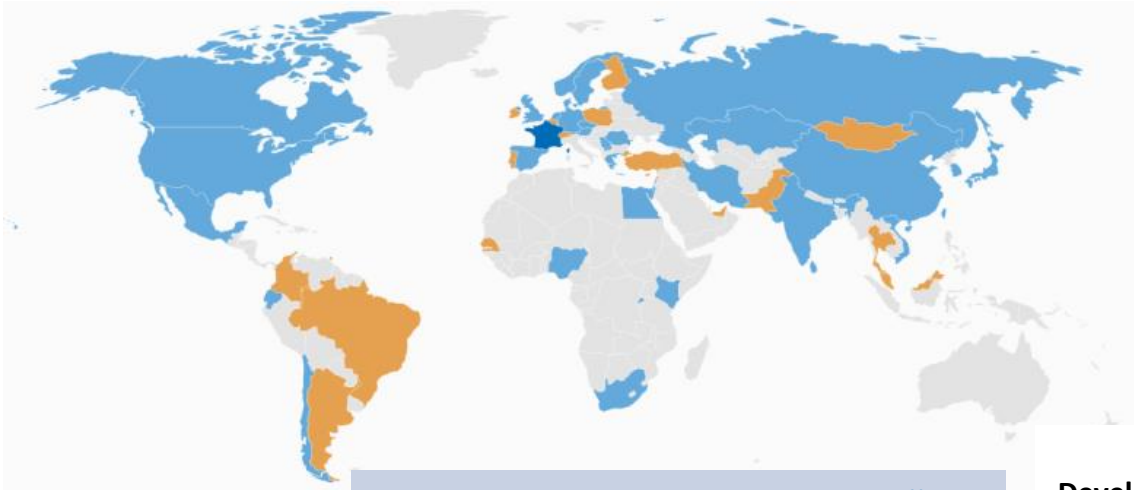
- Quality of life for all citizens
- Economic development
- Environmental & Climate change issues



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.



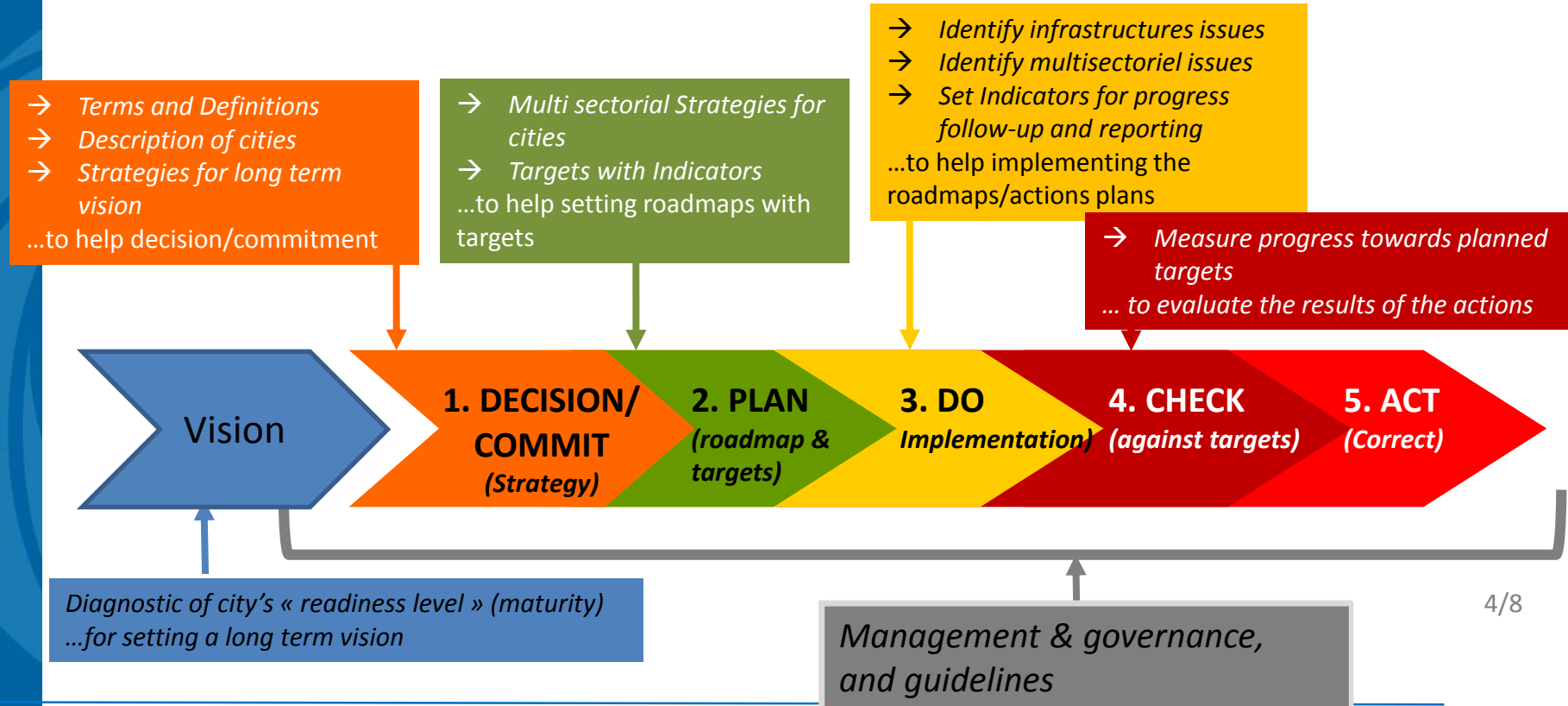
Participating countries: **35**  
Observing countries: **22**

Secretariat: AFNOR, Mr. Etienne Cailleau  
Chairman: Dr. Bernard Gindroz  
Creation date: 2012

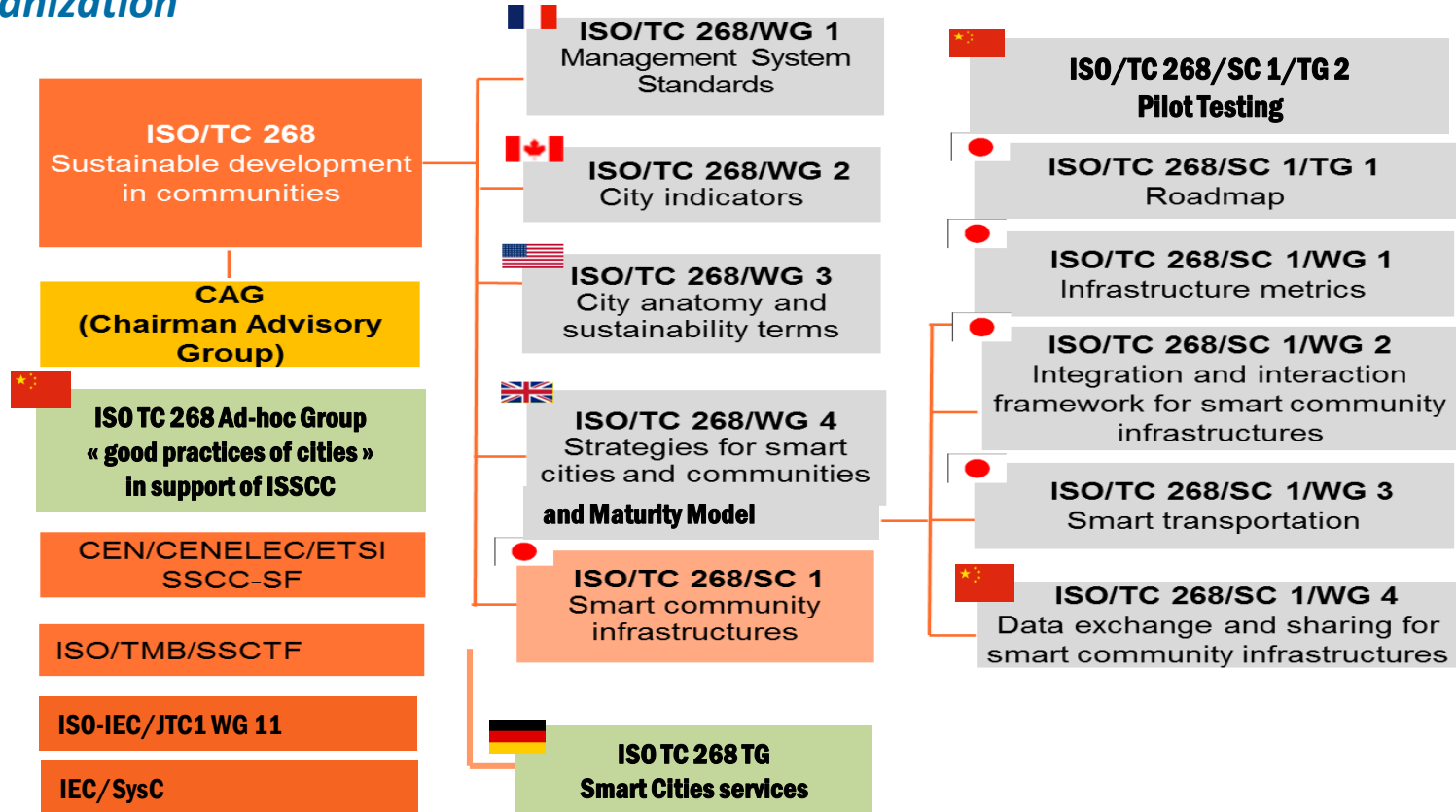


TC 268 contributes to the **UN Sustainable Development Goals** through its standardization work.

# ISO TC 268 Sustainable cities and communities



# ISO Smart and Sustainable Cities developments TC 268 Organization



# 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*

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# Standardization activities in support of smart and sustainable cities and communities



# CEN/CENELEC/ETSI Sector Forum SSCC

- 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**



# CEN/CENELEC/ETSI Sector Forum SSCC

- 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.

# CEN/CENELEC/ETSI Sector Forum SSCC

- 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

# CEN/CENELEC/ETSI Sector Forum SSCC

## ***Annual event***

- *First one last October 19<sup>th</sup> 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***

# CEN/CENELEC/ETSI Sector Forum SSCC

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

- » *Mapping challenges* faced by cities for smart and sustainable 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

**Standards are key enablers**

**and**

**Practical implementation**

**guidelines are the key to**

**successful implementation**

- Smart & Sustainable development a real challenge for cities
  - A need for holistic approach & New governance models
  - A culture of results with permanent improvement approach
  - A culture of communication and reporting to keep collective engagement
  - A need to involve cities and citizens' representatives
    - Cities' and citizens' representatives in mirror committees
  - A need for practical implementation guidelines
    - Active participation of cities in national mirror committees
    - Club of Cities implementing standards with a management system approach (ISO 37101)
    - CEI/CIL/CEI/LESI/CEI/FoC - Smart and Sustainable Cities and Communities
- Please feel free to contribute and participate



# Questions & Answers





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