



International
Organization for
Standardization



Standardization

in support of Smart & Sustainable development of Cities and Territories *common framework for communities*

Dr. Bernard GINDROZ

Chair ISO TC 268

« *Sustainable Development in Communities* »





ISO TC 268

Smart and Sustainable Cities developments

Complex Challenges but Great Opportunities



- Long term vision and commitment
- Holistic approach, priorities
- Integrated planning,
- Citizens' engagement
- Culture of results and communication

Standardization from best practices
and innovative models & partnership in support of:

- *Replication & Scaling up*
- *Business models*
- *Dissemination*
- *Benchmarking (success stories & best practices)*





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Smart and Sustainable Cities developments

Strong political engagement

- Vision
- Commitment/Decision
- Strategy with objectives
- Sectorial/area Roadmaps with targets
- **Implementation and culture of results**
 - *Measure progress and monitor*
 - *Evaluate against planned targets*
 - *Improve to meet the objectives*
 - *Communication & reporting*

Integrated and cross sectorial approach

With a culture of results and communication



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Smart and Sustainable Cities developments

i.e ISO 37100
ISO 37105
ISO 37106

- Terms and Definitions
- Description of cities
- Strategies for long term vision
- Maturity Models to help decision/commitment

i.e ISO 37106
ISO 3712x

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

i.e ISO 3715x
ISO 37106
ISO 3712x

- Identify infrastructures issues
- Identify multisectoriel issues
- Set Indicators for progress follow-up and reporting to help implementing actions plans

i.e ISO 3712x

- Measure progress towards planned targets to evaluate results of the actions



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

i.e. ISO 18091, ISO 37107

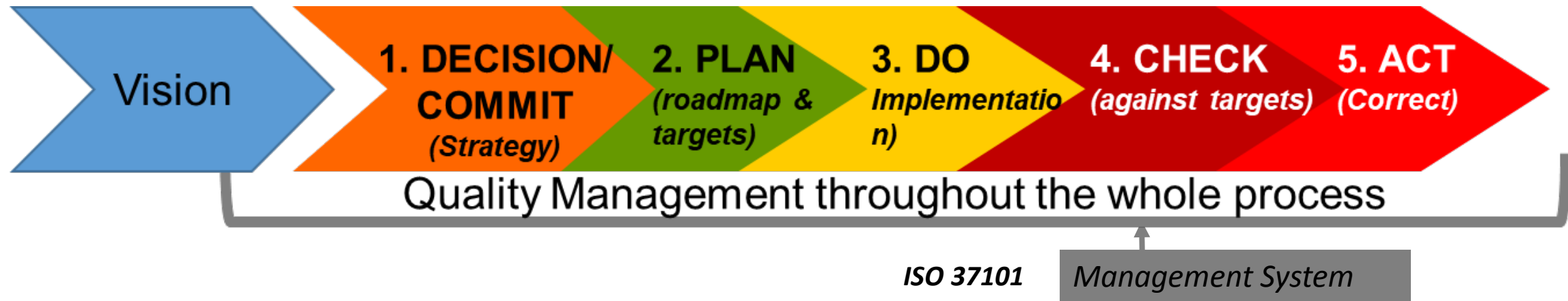
Management & Governance and guidelines

ISO 37101
ISO 37104



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Smart and Sustainable Cities developments



ISO 37104 series – Implementation guidance document

Dedicated to specific contextes (under development):

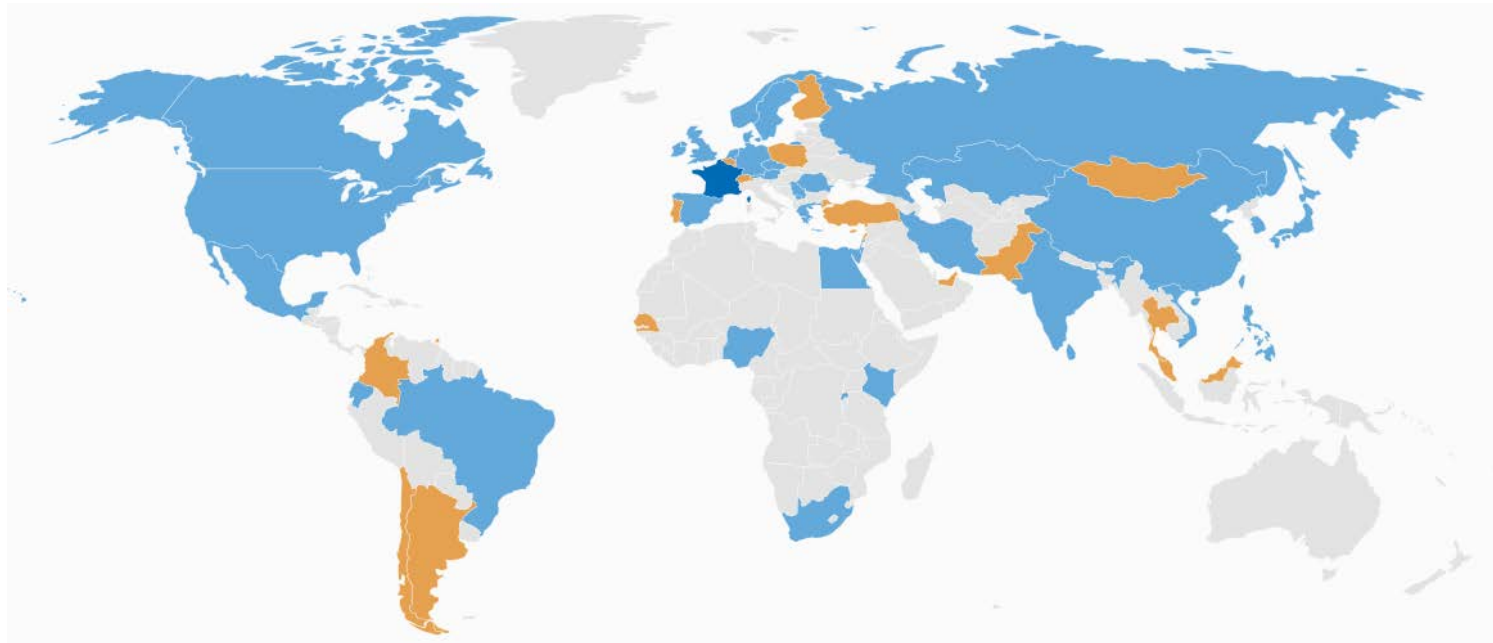
- Business Districts
- Small and medium size cities
- Harbors
- Airports
- « Seasonal » cities
- etc...



ISO TC 268

Smart and Sustainable Cities developments

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



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

Creation date: 2012
Secretariat: AFNOR, Mr. Etienne CAILLEAU
Chairman: Dr. Bernard GINDROZ

Participating countries: **37**
Observing countries: **21**

At European Level 

**Sector Forum on
Smart and Sustainable Cities and Communities (SF-SSCC)**

Dr. Bernard GINDROZ - Chairman

SERVING THE CITIES' NEEDS



Standardization activities in support of smart and sustainable cities and communities



INTERNATIONAL

EUROPEAN

**CEN/CENELEC/ETSI Sector Forum
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; national contexts & local org**
- provide **support and guidance** to the relevant standardization technical bodies, essentially on horizontal or cross-sectorial matters;
- **coordinate and advise** on standardization activities relevant to the cities and the sector, **in close relation with cities and communities, EU legislative** and **RD&I** frameworks for complementarity
- consider where **further standardization work** is needed within the sector.





CEN/CENELEC/ETSI Sector Forum SSCC

- **Collect and coordinate expectations** expressed in the **EIP SCC** and **EIP AHA** by smart and sustainable cities related and relevant **stakeholders** and **inform** them about on-going and new standardization development



- Motivate **cooperation/partnership, replication and scaling-up**
- Share **national views and position** about international standardization development (ISO, IEC, ITU) in support of the cities and major commitment (such as UN SDGs)



- Make recommendation about **adoption of international standards** (ISO, IEC, ITU) at European level



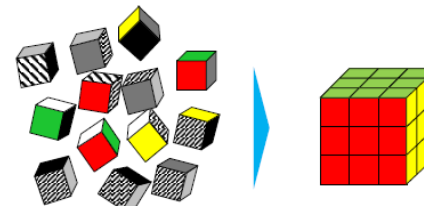
CEN/CENELEC/ETSI Sector Forum SSCC

Annual event

- Share **challenges and major issues faced by cities and communities**
- Collect expression of **needs from cities and communities**
- Identify **topics** where **improvement** are needed, as well as **standardization development** is relevant



→ CEN/CENELEC/ETSI SF SSCC as Single Entry point (Reference) in standardization 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

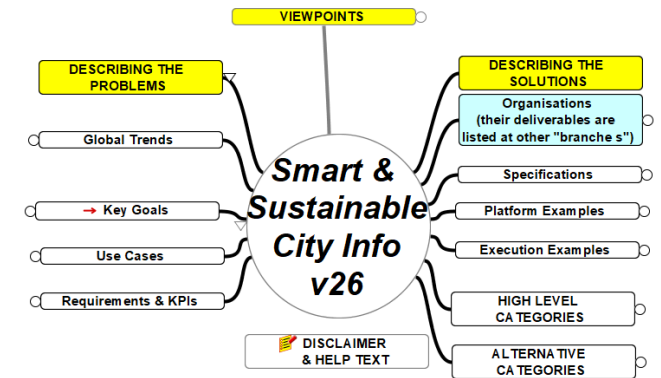
» *Mapping challenges* faced by cities for smart and sustainable development

» *Mapping existing initiatives & standardization development*

» *Exchanges with Cities' reps* (i.e. Cities, national associations of cities, local/Regional/National/EU authorities) and **collecting** expression of needs for standardization development

» Integration of **societal priorities** in SSCC consideration

» Integration of **citizens' needs – co-creation**





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Questions & Answers





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