

23 April 2021, Virtual Forum

The Role of Standards in Accelerating Digital Transformation for Cities and Communities



ISO TC 268 “Sustainable Cities and Communities” – Standards in support of digital transformation in cities & communities

ISO – International Organization for Standardization

by

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Chairman ISO TC 268 “Sustainable Cities and Communities”



International
Organization for
Standardization





Smart and Sustainable Cities developments

Complex Challenges but Great Opportunities moved to reality through:



- Long term vision and commitment
- Citizens' engagement

- Holistic approach, priorities
- Integrated planning



- Digitalization
- Culture of results and communication



Smart and Sustainable Cities developments

- Vision (incl. results related)
- Commitment/Decision

Strong political engagement and citizens' engagement

- Strategy with objectives
- Sectorial/area Roadmaps with targets

Definition of targets with Performance indicators

- **Implementation and culture of results**
 - Measure progress and monitor
 - Evaluate against planned targets
 - Improve to meet the objectives
 - Communication & reporting

Digitalization as key driver and enabler



- Benchmarking-Benchlearning





Smart and Sustainable Cities developments



Standards drive the changes
Standards accelerate digital transformation in cities and communities

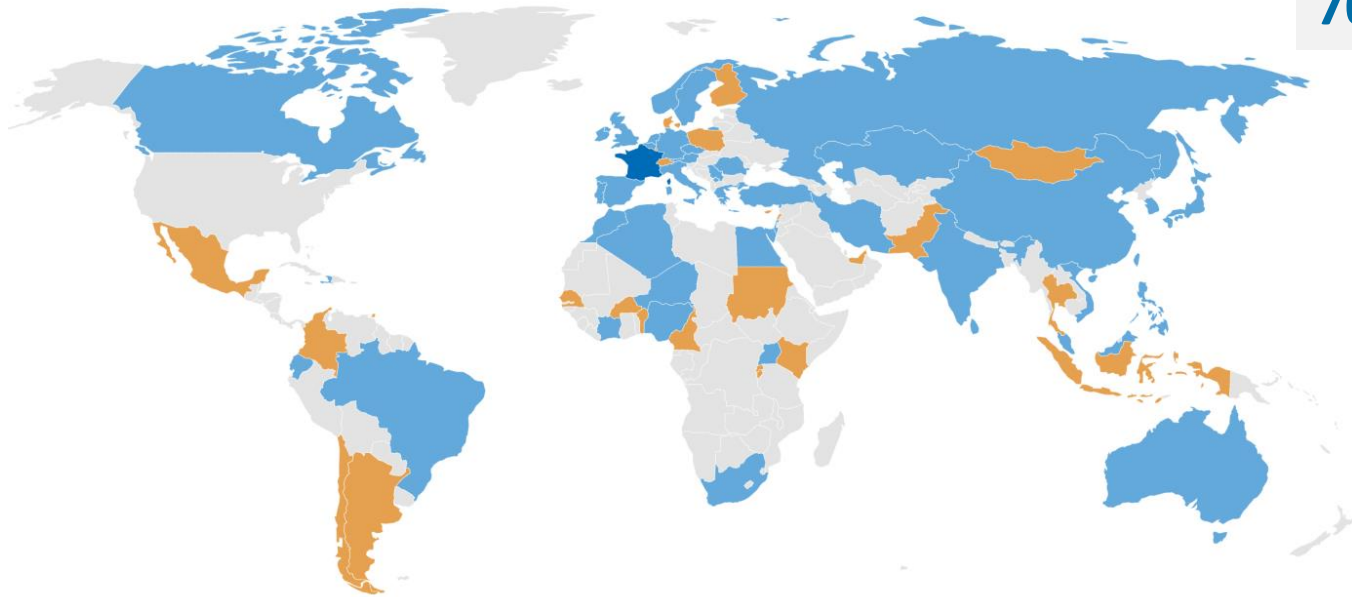


Standards make benchmarking and benchlearning effective
Standards bring trust and confidence



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.



70 countries from all continents

Participating countries: 47
Observing countries: 23



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

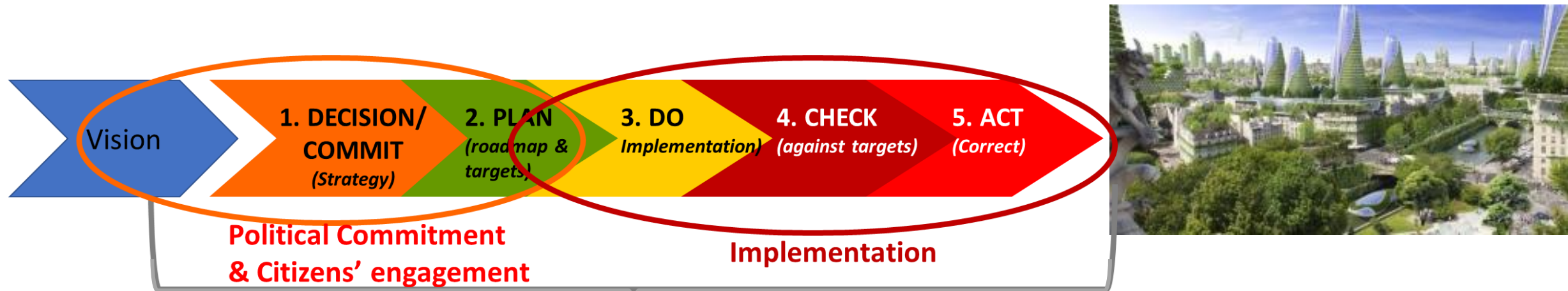
Secretariat: AFNOR, Mr. Etienne Cailleau
Chairman: Dr. Bernard Gindroz
Creation date: 2012

About 50 standards published or under development



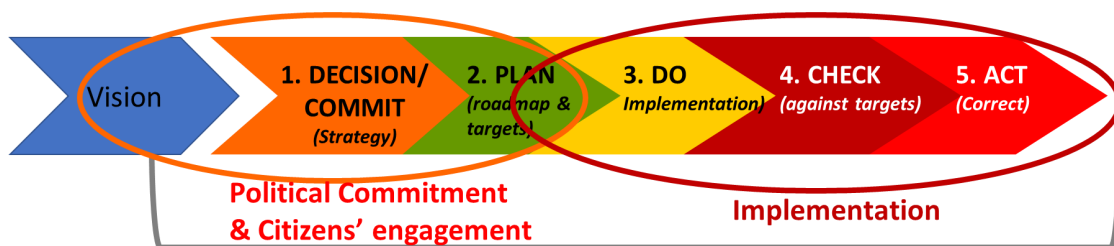
ISO TC 268 Sustainable cities and communities

ISO 3712x series – KPIs – Sustainable, Smart, Resilience development in communities





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ISO TC 268 :

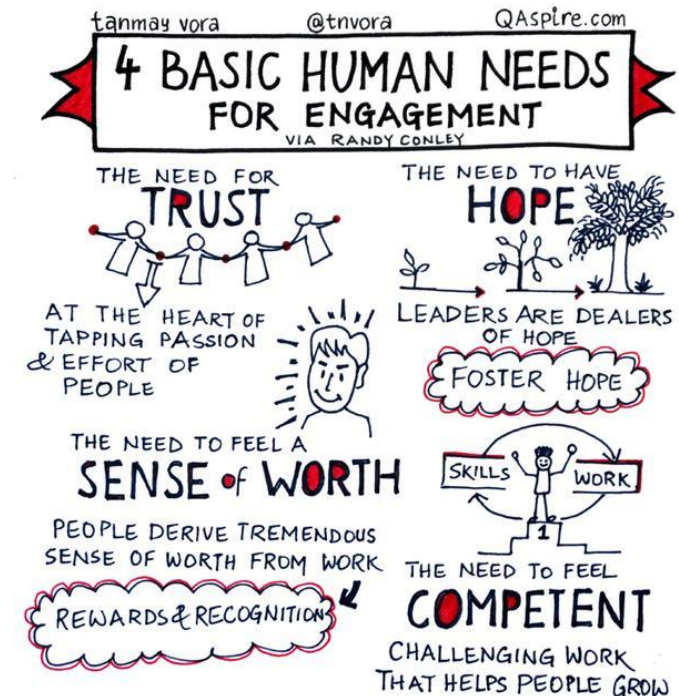
- ✓ **develops standards, from vision to implementation**
- ✓ ISO 37101 management system ensures coherent and robust sustainable urban development, through citizens' engagement and a culture of results
- ✓ **paves the way to digital transformation by setting baselines and strategic targets with clear roadmaps and KPIs.**
- ✓ **Engages in strong and permanent cooperation with IEC and ITU in support of cities and communities in their journey towards smartness and sustainability (IEC/ISO/ITU Joint Smart Cities Task Force)**



Conclusions and perspectives

**Standards are key enablers
to ACCELERATING DIGITAL TRANSFORMATION
in Cities and Communities**

✓ **They bring TRUST & CONFIDENCE,
and thus citizens' acceptance and engagement**





Conclusions and perspectives

***Standards are key enablers
to ACCELERATING DIGITAL TRANSFORMATION
in Cities and Communities***

- ✓ ***They contribute to de-risking investment, thanks to alignment of understanding among stakeholders, setting reference framework & solutions, results oriented engagement***





Conclusions and perspectives

***Standards are key enablers
to ACCELERATING DIGITAL TRANSFORMATION
in Cities and Communities***

***Thanks to strengthened cooperation between
IEC, ISO and ITU for the benefit of cities and
communities and in full support of sustainable
development goals (UN SDGs)***





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