

ACCELERATING CITIES' TRANSFORMATION THROUGH STANDARDS

ISO – International Organization for Standardization

by

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Chairman ISO TC 268 "Sustainable Cities and Communities"







Smart and Sustainable Cities developments

Complex Challenges but Great Opportunities when having:



- → 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
- Adaptation to Climate Change
- Business models
- Dissemination
- Benchmarking (success stories & best practices)
- Benchlearning









Smart and Sustainable Cities developments

Strong political engagement

- Vision (incl. results related)
- > 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 & communication and citizens' engagement

> Benchmarking-Benchlearning

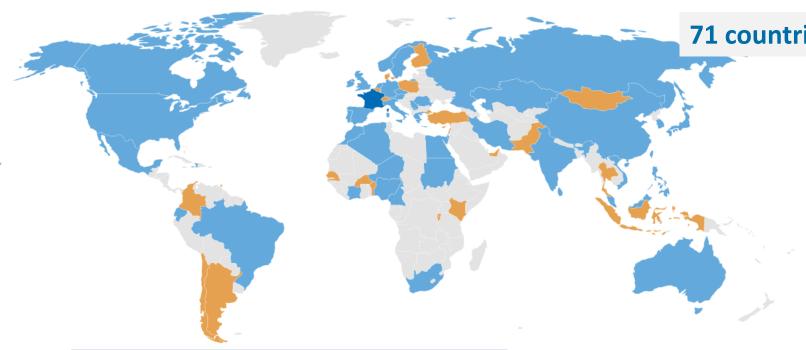




STANABLE OF ACTION OF ACTI

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



71 countries from all continents

Participating countries: 45

Observing countries: 26

SUSTAINABLE GOALS



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







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Based on local context, tradition, culture & historic heritage with long term targets, considering:

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





Political Commitment

Implementation/demo/pilot

Quality Management throughout the whole process







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- 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 4. CHECK *Implementation* (against targets)

5. ACT (Correct)

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

Management & governance and guidelines

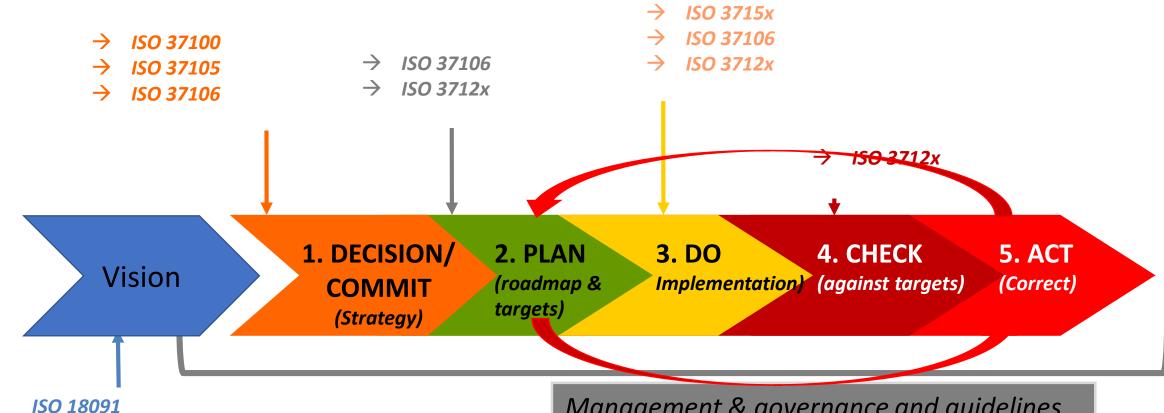
ISO 37101 – management system
ISO 37104 serie – implementation







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Management & governance and guidelines

ISO 37101 – management system ISO 37104 serie – implementation

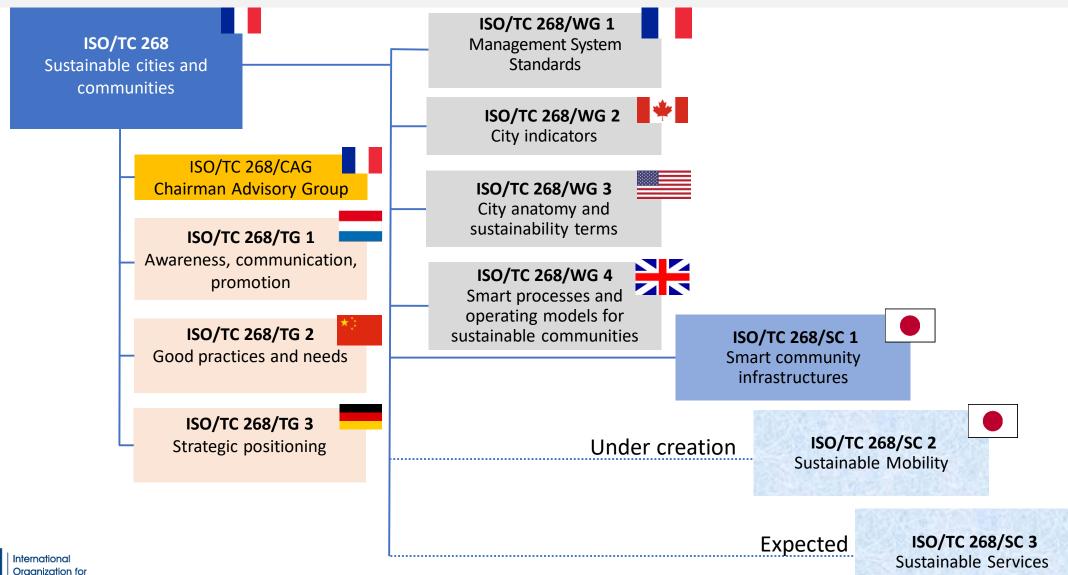




Standardization



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Conclusions and perspectives

Standards are key enablers to ACCELERATING CITIES' TRANSFORMATION

They bring TRUST & CONFIDENCE,

and thus citizens' acceptance and engagement

They support decision making

thanks to benchmarking of best practices

They contribute to de-risking investment





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SUSTAINABLE DEVELOPMENT GCALS

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