ISO TC 268
“Sustainable development in communities”

Dr. Bernard GINDROZ
Chairman
ISO TC 268

Standardization in the field of Sustainable Cities and Communities including development of requirements, frameworks, guidance, supporting techniques and tools related to the achievement of sustainable development considering smartness and resilience, to help all Cities and Communities and their interested parties in both rural and urban areas become more sustainable. TC 268 will contribute to the UN Sustainable Development Goals through its standardization work.

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

Participating countries: 29
Observing countries: 22

Secretariat: AFNOR, Mr. Bernard Leservoisier
Chairman: Dr. Bernard Gindroz
Creation date: 2012
ISO TC 268: Organization

ISO/TC 268
Sustainable development in communities

ISO-IEC/JTC 1/WG 11
CEN/CENELEC/ETSI SSCC-SF
ISO/TMB/SSCTF

CAG
(Chairman Advisory Group)

ISO/TC 268/WG 1
Management System Standards

ISO/TC 268/WG 2
City indicators

ISO/TC 268/WG 3
City anatomy and sustainability terms

ISO/TC 268/WG 4
Strategies for smart cities and communities

ISO/TC 268/SC 1
Smart community infrastructures

ISO/TC 268/SC 1/TG 1
Roadmap

ISO/TC 268/SC 1/TG 2
Pilot Testing

ISO/TC 268/SC 1/WG 1
Infrastructure metrics

ISO/TC 268/SC 1/WG 2
Integration and interaction framework for smart community infrastructures

ISO/TC 268/SC 1/WG 3
Smart transportation

ISO/TC 268/SC 1/WG 4
Data exchange and sharing for smart community infrastructures
1. DECISION/COMMIT
2. PLAN
3. DO
4. CHECK
5. ACT

→ Use ISO 37101 Sustainable Communities Management system

→ ISO 37104 series
Dedicated application guidelines to ISO 37101

ISO TC 268
→ Use ISO 37100 “Terminology”
→ Use ISO 37105 “description of cities”

→ Use the ISO 3712x indicators in the baseline review
→ Use the standard ISO 37106 “Strategy for smart city”

→ Use ISO 37104 series Dedicated application guidelines to ISO 37101

→ Use ISO 37101 Sustainable Communities Management system

ISO TC 268
ISO TC 268 : Standards development

» Published Standards

> ISO 37100 Sustainable development and resilience of communities – Vocabulary (2016)
> ISO 37101 Sustainable development of communities - Management systems - Requirements with guidance for resilience and smartness (2016)
> ISO 37120 Sustainable development of communities - Indicators for city services and quality of life (2014)
> ISO TR 37121 Inventory and review of existing indicators on sustainable development and resilience in cities (2017)
> ISO TR 37150 Smart community infrastructures - Review of existing activities relevant to metrics (2014)
> ISO TS 37151 Smart community infrastructures - Principles and requirements for performance metrics (2015)
> ISO TR 37152 Smart community infrastructures Common framework for development and operation (2016)
ISO TC 268 : Standards development

» Standards under development

> ISO 37104 Sustainable development in communities - Guidance for practical implementation in cities

> ISO 37105 Sustainable development in communities - Descriptive framework for cities and communities

> ISO 37106 Sustainable development in communities -- Guide to establishing strategies for smart cities and communities

> ISO 37120 Sustainable development of communities - Indicators for city services and quality of life (rév.)

> ISO 37122 Sustainable development in communities - Indicators for Smart Cities

> ISO 37123 Sustainable Development in Communities -- Indicators for Resilient Cities
ISO TC 268 : Standards development

» Standards under development

> ISO 37153 Smart community infrastructures - Maturity model for assessment and improvement

> ISO 37154 Smart community infrastructures - Best practice guidelines for transportation

> ISO 37155 Framework for integration and operation of smart community infrastructures - Part 1: Opportunities and challenges from interactions in smart community infrastructures from all aspects through the life-cycle

> ISO 37156 Smart community infrastructures - Guidelines on Data Exchange and Sharing for Smart Community Infrastructures

> ISO 37157 Smart community infrastructures - Smart transportation for compact cities

> ISO 37158 Smart community infrastructures - Battery-powered bus transportation systems to solve environmental and safety issues in cities
Dr. Bernard GINDROZ

gindrozb@gmail.com
Phone: +33 623 22 19 37