ANSI JOINT MEMBER FORUM

ISOTC 268

SUSTAINABLE DEVELOPMENT

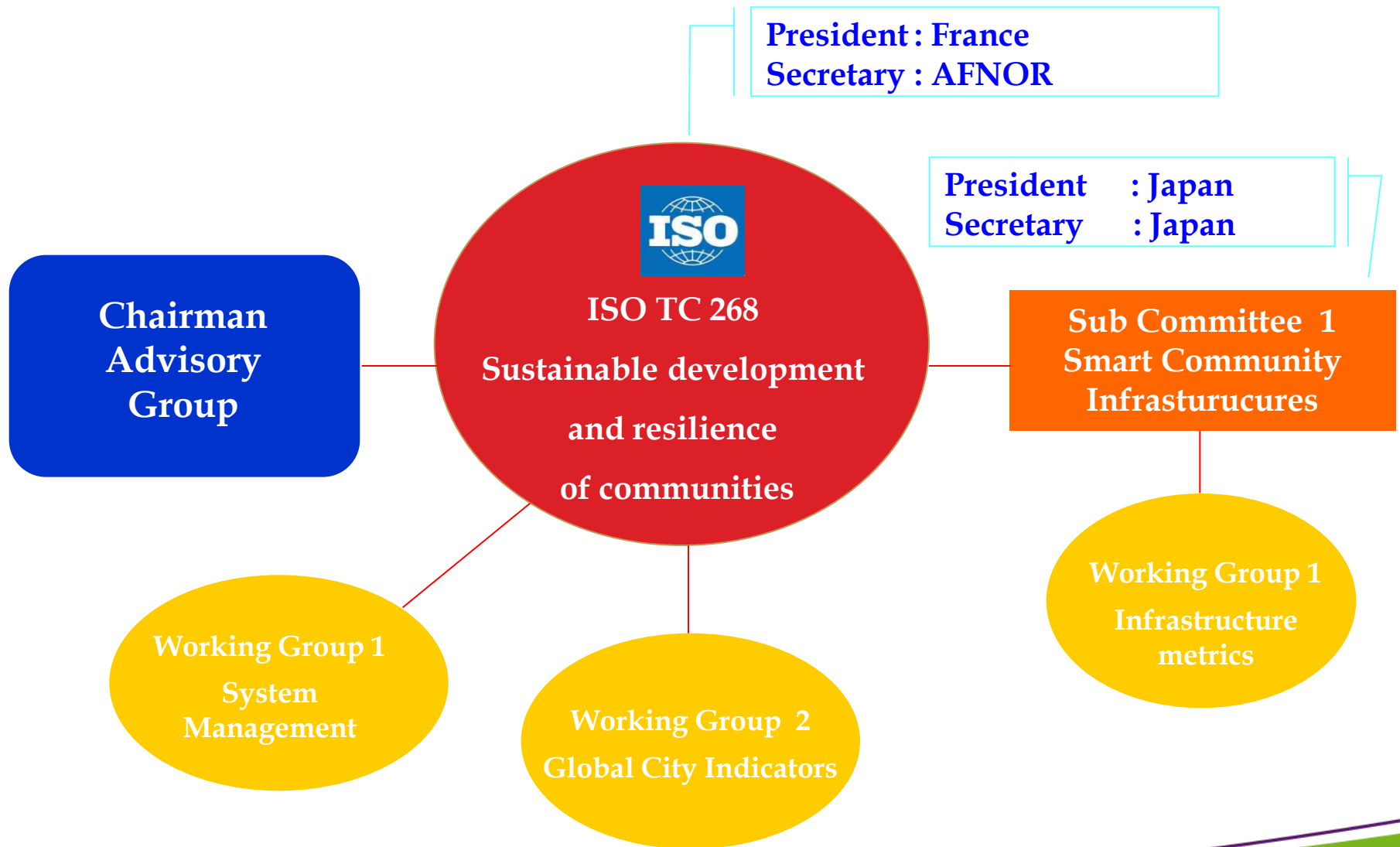## AND RESILIENCE IN OF COMMUNITIES

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ISO/TC 268 - Sustainable development and resilience of communities

A new series of standards

developing a holistic

and integrated approach

to sustainable development

and resilience

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Organizational chart

ISO TC 268
Sustainable development and resilience of communities

President : France
Secretary : AFNOR

President : Japan
Secretary : Japan

Chairman Advisory Group

Sub Committee 1
Smart Community Infrasturucures

Working Group 1
System Management

Working Group 2
Global City Indicators

Working Group 1
Infrastructure metrics

ISO 37101 – Management Systems

- Background
  - ◆ No International Standard on sustainable development and resilience
  - ◆ A diversity of private documents based on different methodologies and assumptions
  - ◆ A pressing need from Communities, their interested parties and users

- Objective
  - ◆ A Management System Requirements Standard reflecting consensus on an integrated, cross-sector approach drawing on existing standards and best practices

- Benefits
  - ◆ Guidance for communities when dealing with sustainability and resilience, in particular for those that may not have the means to develop their own schemes
  - ◆ Possibility of benchmarking and exchange of best practices world wide
  - ◆ Mobilisation of interested parties and users and emergence of innovative and cost-effective solutions
  - ◆ Global improvement in sustainability and resilience of communities

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ISO 37120 – Indicators for city services

- Background
  - Different cities, different indicators
  - Benchmarking difficult, if even possible
  - Exchange of best practices limited

- Objective
  - A common set of indicators useable by every city in the world and covering most issues related to city services and quality of life

- Benefits
  - Common basis for collecting data on cities
  - User-friendly blueprint for less advanced cities
  - More effective city governments and public services
  - Better quality of life and of urban environment

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ISO 37150 & ISO 37151 – smart infrastructure

- **Background**
  - ◆ Large number of different metrics to monitor smart urban infrastructures
  - ◆ Trade limited due to lack of harmonisation
  - ◆ Benchmarking difficult, if even possible

- **Objective**
  - ◆ An international consensus on a harmonised metrics to evaluate the smartness of key urban infrastructure

- **Benefits**
  - ◆ Guidance for city governments on what performance level they may expect from key urban infrastructures, e.g. when drafting specifications
  - ◆ Guidance for city governments when reviewing competitive bids
  - ◆ Illustration of where current infrastructures fail to perform and further research and development is required
  - ◆ Emulation to progress towards higher level of technological excellence
  - ◆ Stimulation of trade in smart urban infrastructure

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**THANK YOU
FOR
YOUR ATTENTION**