



**BORDEAUX**  
*Ma ville*

# EUROCITIES

## Guidance webinar

### Standards WG

30 March 2016

# Table of contents

- ❑ Guidance issues (Nikolaos Kontinakis)
- ❑ State of the art on the development of common standards.(Christophe Colinet)
- ❑ ETSI KPI Pre standardisation process proposal(Christophe Colinet)
- ❑ ESPRESSO project and outcomes (Bart de Lathouwer)
- ❑ SSCC CG and ANEC presentation (John Ketchell)
  - ❑ Q&A

## Standards: Definitions

- Standards are technical interface specifications defining requirements for products, production processes, services or test-methods.
- **These specifications are voluntary.**
- They are developed by industry and market actors following some basic principles such as consensus, openness, transparency and non-discrimination. Standards ensure interoperability and safety, reduce costs, eliminate vendor lock-in and facilitate companies integration in the value chain and trade.
- European Standards are under the responsibility of the European Standardisation Organisations (CEN, CENELEC, ETSI) and can be used to support EU legislation and policies.
- Standard Developing Organisations

## Types of standards?

- “De Jure” (ISO, CEN, DIN, AFNOR, ANSI, ...)



- Through National Representation (NSB)

- Types:

- National (NS), European (EN): CEN
- International Standards (IS): ISO



- Country must not adopt IS as a NS, but CEN has to adopt all National Standards

- In Technical Committees (TC)



## Types of standards?

- “De Facto” (IEEE, SAE, OGC, OASIS, W3C, ...)
- Organisation or individual representation
- Consensus process
- In Technical Committees



# State of the art: The standardisation actors



## State of the art: The standardisation actors

- The MSP on ICT standardisation: EC advisory group  
<https://ec.europa.eu/digital-agenda/european-multi-stakeholder-platform-ict-standardisation>  
In charge of the **Rolling Plan for ICT standardisation**  
<https://ec.europa.eu/digital-agenda/en/rolling-plan-ict-standardisation>
- EIP SCC: European Innovation Partnership on Smart Cities and Communities  
<http://ec.europa.eu/eip/smartcities/>
- SSCC CG: CEN-CENELEC-ETSI Coordination Group 'Smart and Sustainable Cities and Communities'  
<http://www.cencenelec.eu/standards/Sectors/SmartLiving/smartcities/Pages/SSCC-CG.aspx>

## ► State of the art: The standardisation actors

- The H2020 call SCC-03-2015: ESPRESSO consortium
- The Industry MOU on Urban platform
- OASC: Open and Agile Smart Cities
- FIPP: Future Internet Public Private Partnership
- ETSI ISG OEU: Industrial Specification Group Operational Energy Efficiency for Users



## State of the art: The topics to be considered (Extract)

- Smart Grids and Smart metering
- Technologies and services for a Smart and Efficient Energy Use
- ICT Environmental Impact
- Intelligent Transport Systems

Which would be usable for Cities and in order to obtain pragmatic results like recommendations to insert inside our public procurement specifications.

The Rolling Plan moreover builds on the possibility to have relevant global ICT technical specifications available for use in Europe. The Regulation on European Standardisation 1025/2012, which came into force in January 2013, now offers the possibility to identify certain relevant ICT specifications, primarily to enable interoperability, under conditions defined in Articles 13 and 14. Identified ICT technical specifications get the status of common technical specifications and may be referenced by public procurers. The European Commission draws on this possibility with the “Guide for the procurement of standards-based ICT — Elements of Good Practice” (COM(2013) 455 and SWD(2013) 224). The Rolling Plan supports this Guide by identifying available standardisation activities, standards and technical specifications in areas with policy relevance.

## Standards and Interoperability WG 2016 work plan

- Develop a common and shared ontology on interoperability issues;
- Develop a communication and dissemination plan on interoperability challenges;
- Identify the main areas of activities to work on standardization issues (producing position papers ?);
- Collaboration with national and EU standardization bodies (in which way, when etc.)
- Implement tools to share and exchange information between WG members

## ► Topic n° 4 a first action: Pre standardisation of KPI

- Propose a new WI on KPIs for Smart Cities using outcomes from the Citikeys european project:
  - [OEU\(16\)DEC017](#) has just started, with 1 available contribution. 0 comments.  
RAISING COMMENTS AND OPPOSITIONS is ALLOWED until Tuesday 2016-02-23 at midnight.  
RC Description: Approval for New Work Item on KPIs for Smart Cities

[OEU\(16\)000001](#) ([download](#)) **KPIs for Smart Cities**  
Decision Requested : *Please approve*