



**Standards and interoperability
Working group**

**EUROCITIES
Green Digital Charter webinar**

19 September 2016

Agenda

- Green Digital Charter issues (Nikolaos KONTINAKIS)
- Back on the conclusions of the last WG meeting in Rennes the 29th April (Christophe COLINET):
 - Aligement of WG objectives on the commission's priorities
 - Collaboration with EU standardisation bodies
 - « Semantic interoperability » to re use existing legacy systems
- Reminder of the WG objectives (Christophe COLINET)
- Update on CITYKeys standardisation process (Christophe COLINET/ Nikolaos KONTINAKIS)
- OneM2M: How an open standard can effectively support the building of a Smart City (Omar ELLOUMI:OneM2M TP Chair)
- Next step: TAMPERE 19 October (standards and interoperability Working Group meeting joining Knowledge society and Mobility forum)
- Q&A

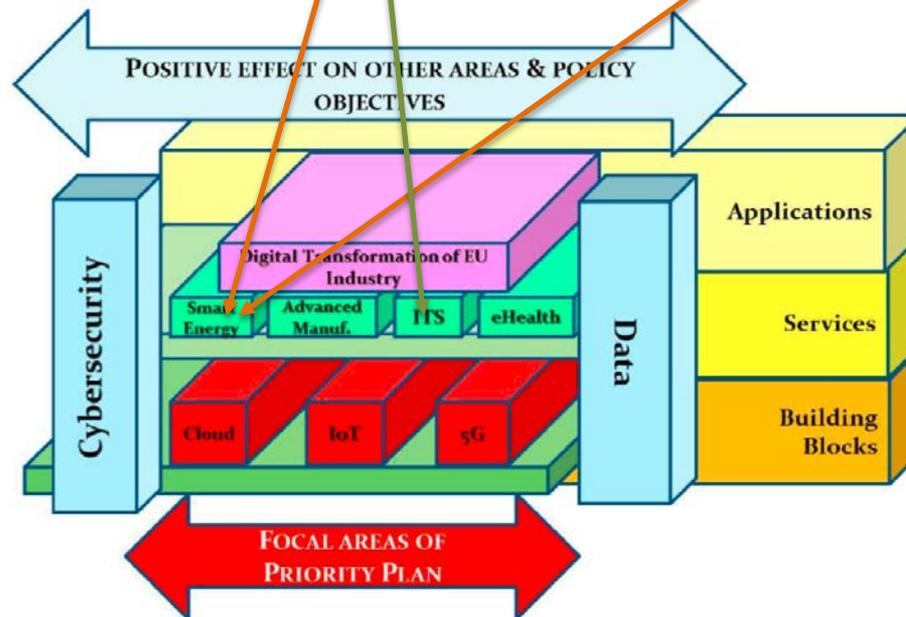
Brussel 19 April 2016
Important communication from the commission
« ICT standardisation priorities for the DSM »

The communication sets out a comprehensive strategic and political approach to standardisation for priority ICT technologies that are critical to the completion of the Digital Single Market. The goal is to ensure that ICT related standards are set in a way that is more responsive to policy needs, agile, open and more strongly linked to research and innovation, better joined-up, and thus that they ultimately have more impact for the wider European economy as it transforms into digital one.

- 1. All sectors of the economy rely on digital technologies**
- 2. The value of digital systems increasingly derives from cross-sector applications, data and technology convergence.**
- 3. It is essential to first clearly map all relevant standards.**
- 4. There are more and more bodies and organisations involved in standards or technical specifications settings all over the world.**
- 5. European work on standardisation can't be viewed in isolation**

Alignment of WG objectives on the commission's priorities

- We identified the main areas of activities to work on standardization issues;
 - Smart Grids and Smart metering
 - Technologies and services for a Smart and Efficient Energy Use
 - ICT Environnementale Impact
 - Intelligent Transport Systems



Collaboration with EU standardisation bodies

The example of CITYkeys

- CITYkeys:

- KPIs (<http://bit.ly/1Sc0iys>) and 
- Endorsement of CITYKEYS' KPIs by ETSI planned during the second semester of 2016
- A new technical body: ATTM SDMC is in charge among others of: Key Performance Indicators for Sustainable Digital Multiservice Cities.
- An early draft of this TS 103 463 has been published on July 2016.
- Required datasets (<http://bit.ly/1Vrnq03>)
- www.citykeys-project.eu

« Semantic interoperability » to re use existing legacy systems

We focused on this new topic during the last meeting in Rennes.

It is a way to show that working on standards and interoperability will allow communities to find concrete and practical solutions.

It's also a way to show that this work helps communities to avoid vendors lock in and save money by reusing existing systems.

A proof of concept in Bordeaux: An open platform for semantic management of smart city based on OneM2M, will be demonstrated during the next ETSI **M2M Workshop**

14 – 18 November 2016

<http://www.etsi.org/news-events/events/1086-2016-11-etsi-iot-m2m-workshop-2016-featuring-the-smart-world>