



ICT Standardisation and Innovation

Journée mondiale de la normalisation

Luxembourg, 14 October 2013

DG CNECT – DG ENTR

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The standardisation policy review

ICT landscape changed

- Recently, ICT landscape changed dramatically, so ICT standardisation
- Alongside the traditional SDOs, specialised and mostly global « fora & consortia » became very active in ICT standards setting
- Key objective: Interoperability between devices, applications, data repositories, services and networks

The standardisation policy review

Why is there a need for policy review?

- The previous legal framework did not allow for referencing of fora&consortia standards in public procurement
 - only ISO, IEC, ITU, NSB's, CEN, CLC, ETSI standards; if not available use of « non-formal standard must be justified and explained (Directive 2004/18)
- Referencing in EU legislation/policies was a « grey zone »
 - in principal any specification can be referenced under conditions (except for « New Approach » legislation that allows only referencing of EN); but implementation usually not in a harmonised way
- Increasing need for interoperability = increasing need for the use of technical agreements /specifications/standards
- Majority of ICT specifications established by F&C but they are not legally available for use in Europe

The standardisation policy review

Digital Agenda

Key Action 5: “As part of the review of EU standardisation policy, propose legal measures on ICT interoperability by 2010 to reform the rules on the implementation of ICT standards in Europe to allow use of certain ICT fora and consortia standards”

Commission Communication

« A strategic vision for European standards: Moving forward to enhance and accelerate the sustainable growth of the European economy by 2020 » (COM(2011)311 final). Action 21: Creation of a ICT Multi-Stakeholder Platform

Proposal for a Regulation on European standardisation No 1025/2012

Commission Decision

« Setting up the European ICT Multi-Stakeholder Platform on ICT Standardisation » (Decision on 28 November 2011)

Regulation 1025/2012

Articles 13 and 14

- Commission has the possibility to identify technical specs which are not national, European or international standards
 - If they meet some requirements (such as openness, transparency, consensus, etc.)
 - After advice of the ICT Multi-Stakeholder Platform and broad consultation
- Such identified technical specs (so called «common technical specifications») can be referenced in public procurement

The rolling plan for ICT standardisation

- Overview of EU policies where ICT standardisation is considered relevant for support
- Defines the most important standardisation initiatives and actions to support EU policies for the next years
- Successor of the *2010-2013 ICT standardisation work programme*
- Complements the Annual Union Work Programme, but is focused on ICT and is informal
- Rolling plan = Living document = no defined duration
- Addressed to all ICT stakeholders (not only ESOs)
- To be endorsed by the Commission by end 2013
- Document prepared by the Commission in collaboration with the MSP

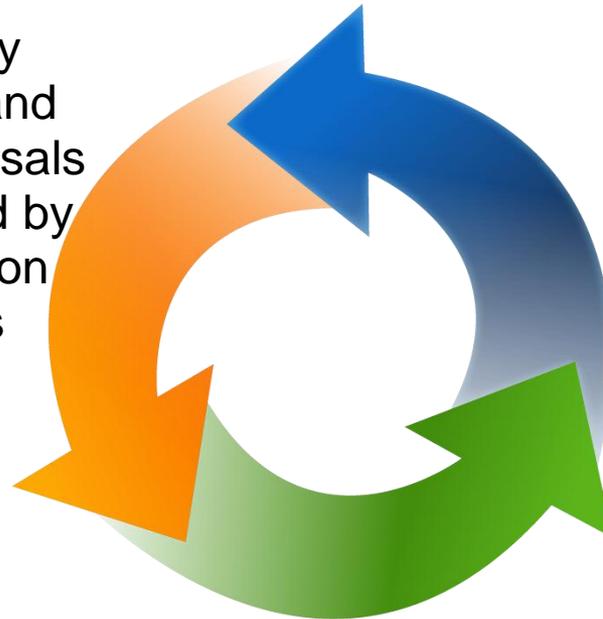
NEW COLLABORATIVE FRAMEWORK

The “new direction” of the Rolling Plan

ICT
Standardisation
Work
Programme

PAST

EU Policy
Priorities and
Work Proposals
as provided by
Commission
services



Commission
endorsement;
Common
understanding
and broad
support from
stakeholders.
Actions

MSP advice:
Comments, information,
recommendations

**ROLLING
PLAN**

RP: Not only business as usual

Business as usual: Development of standards by ESOs

Many other possibilities. Some examples:

- Technical specifications by other fora & consortia
- Evaluation of standardisation needs
- Mapping of requirements & standards
- Interoperability testing
- Promotion actions
- ...

Audience of the Rolling Plan

Public authorities

Information for standards bodies to contribute to meeting EU policy objectives

Transparency to the public

i.e. information is provided so that interested public without detailed knowledge will understand the background

Multi-Stakeholder Platform on ICT (MSP)

- Commission Decision of 28 November 2011 (2011/C 349/04)
- Monitors the development of national policies and the enforcement of EU legislation by national authorities
- **Advisory Expert Group** on all matters related to European ICT Standardisation and its effective implementation:
 - Rolling Plan
 - Possible ICT standardisation mandates
 - Identification of common technical specifications in the field of ICT for public procurement
 - Cooperation between standards developing organisations
 - Identification of potential future ICT Standardisation needs
- Meeting 4 times a year

Composition of the MSP



Member States and EFTA countries



ICT Standardisation Bodies



Industry, SMEs and society representatives



Selection process for identified specifications

1) Compliance to be verified based on:

- **Generic** criteria: coherence with the European formal standardisation, market acceptance
- **Process related** criteria: openness, consensus, transparency
- **Specification related** criteria: maintenance, availability, IPR

2) Broad consultation process:

- within the Platform
- beyond the Platform

3) However:

- **No content evaluation**

Technical specifications proposed for identification

IETF IPv6

W3C XML

ECMA-402

LDAPv3

DNSSEC

DKIM

Work on going to define a comprehensive list starting from national initiatives