The European Drive for Standards in research

Luis C. Busquets Pérez
luis-carlos.busquets-perez@ec.europa.eu
Main topics in today’s ICT standardisation environment

- The benefits of standards
- The digital agenda
- Standards and interoperability
- European Standardisation Legal framework
- Main trends in the market
- The SIENA initiative
The benefit of standards

• Standards help the economy because
  – Common ground in which suppliers can compete and consumers can compare offers
  – Basis on which new markets are created
  – A tool to increase the speed at which innovations reach consumers

• Standards help policy makers
  – Legislative flexibility
  – Better comparisons in public procurement
Digital Agenda for Europe

- Interoperability and standards are the second pillar of the Digital Agenda For Europe
  - Propose legislation on ICT interoperability
  - Promote standard-setting rules
  - Provide guidance on ICT standardisation and public procurement
  - Adopt a European Interoperability Strategy and Framework
  - Analyse the consequences of requesting significant market players to licence information
  - Member States to implement European Interoperability Framework
  - Member States to implement Malmö and Granada declarations

- Research and Innovation
  - Financially support joint ICT research infrastructures and innovation clusters
e-Infrastructures Vision
empower research communities through ubiquitous, trusted and easy access to services for data, computation, communication and collaborative work

Sharing and federating scientific data
Sharing computers, software and instruments
Linking at the speed of the light

Scientific facilities, research communities
ICT Standardisation: the EC context

- Main objective: interoperability between devices, applications, services and networks
  - Promoting the use of standards in European legislation, public policy and public procurement
  - Building on the synergy between ESO’s and fora & consortia
  - Implement the proposals brought forward by the White Paper (2009)
- The case of Science clouds
  - Single « online » ERA across countries and disciplines
European standardisation legal framework

- **Current Legislation**
  - Directive 98/34
  - Council Decision 87/95
  - Decision 1673/2006/EC (financing decision)
  - Amendments of several (NA) Directives

- **New Framework to come**
  - New package to be adopted by Parliament and Council
  - Possible entry into force: 2013
Current ICT Standardisation landscape

- Wifi vs. HyperLAN
- ICT Standardisation is happening outside the formal system
- Public Bodies want to use the most efficient solutions
- Linking research and standardisation
SIENA

- Roadmap for cloud computing focused on interoperability
- Identify trends, indicate directions and provide solutions
- Key priority: RTD activities
- Organisations of several events including workshops

Start date: June 2010
Duration: 24 months
Cost (est.): 548 K€
EC: 410 K€

http://www.sienainitiative.eu