

# The European Drive for Standards in research

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# 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*



# 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



- 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>