# EU Research in Software & Services

## The role of standards

Jorge Gasós

European Commission
Information Society and Media Directorate General
Software & Service Architectures and Infrastructures Unit

# Importance of standardisation: cloud computing

- Customers expect seamless interplay of solutions
- Interoperability across various platforms
- Reliable and flexible integration with in-house or third party solutions
- Avoid risks of lock-in effect
- Open standards permit potential vendors to enter a market and develop innovative competitive interoperable products
- Industry-led standardisation vs formal standards bodies
- Most standardisation initiatives are leaded by US companies (reflecting their stronger presence in IT markets)

# Contribution of research projects to standardisation: some issues

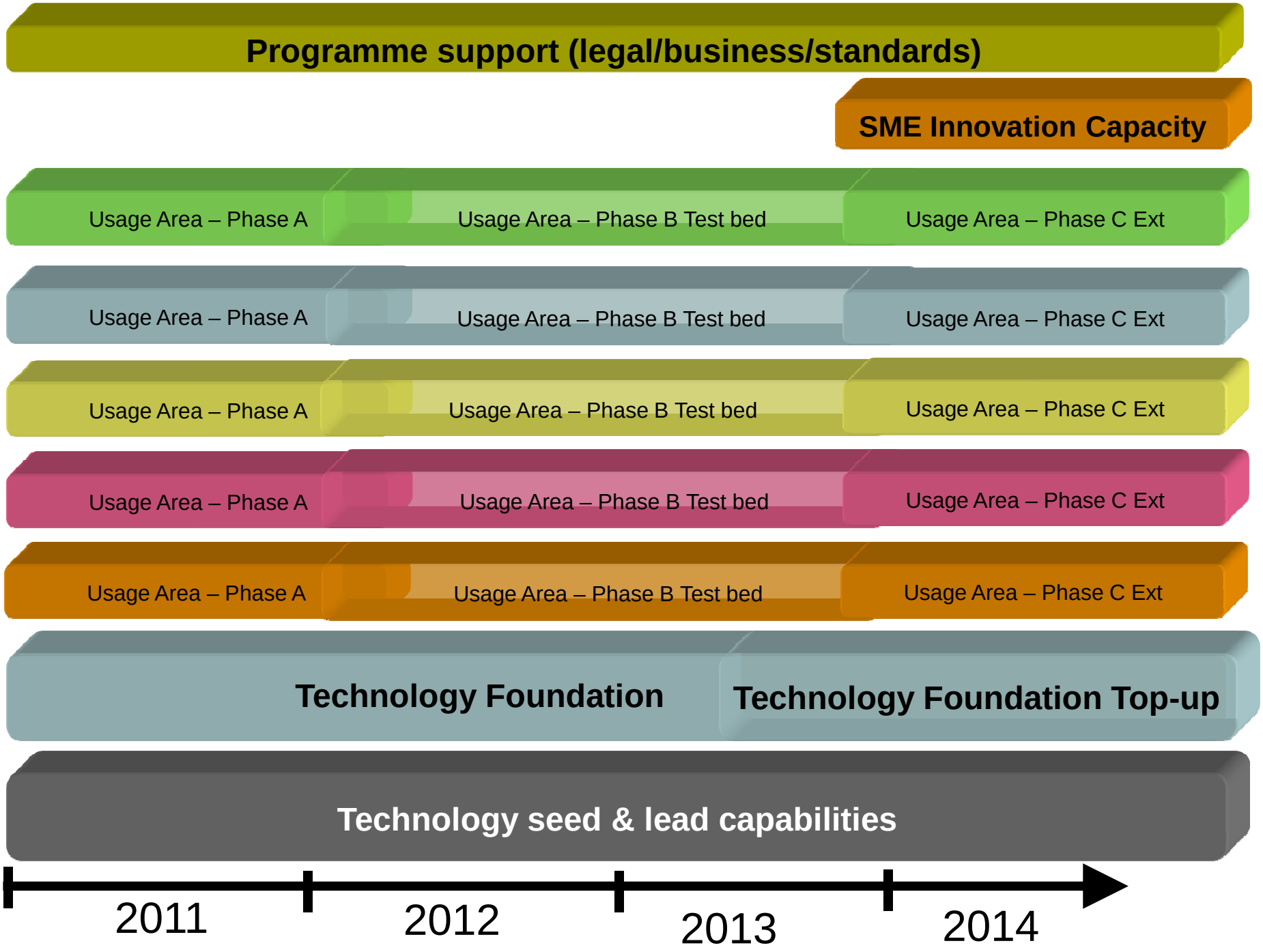
- The timing of the projects is not aligned with the timing for standardisation (much longer)
- Limited scope of an individual project
- Limited resources
- Limited experience
- Individual companies lead the contributions to standards, not the projects. Companies' strategies may not be aligned with the project interests

# Contribution of research projects to standardisation: it is possible

- Projects are at the fore-front of technological development
- Different alternatives: requirements collection, specification development, creation of new working groups, open standardisation
- Supports dissemination and use of project results. Can increase the impact of the research program
- Need of a coherent strategy at program level. A focused set of activities aligned with the available resources

# The ETSI working group: how to build on the FP7 S&S initiatives

- Collaboration Working Group
- New Call 5 projects starting in 2010
- Nessi ETP
- Future Internet PPP
  - Shorter term research
  - Addressing specific application areas


Programme support (legal/business/standards)
SME Innovation Capacity
Usage Area – Phase A
Usage Area – Phase B Test bed
Usage Area – Phase C Ext
Usage Area – Phase A
Usage Area – Phase B Test bed
Usage Area – Phase C Ext
Usage Area – Phase A
Usage Area – Phase B Test bed
Usage Area – Phase C Ext
Usage Area – Phase A
Usage Area – Phase B Test bed
Usage Area – Phase C Ext
Usage Area – Phase A
Usage Area – Phase B Test bed
Usage Area – Phase C Ext
Technology Foundation
Technology Foundation Top-up
Technology seed & lead capabilities
2011
2012
2013
2014

# Final Remarks

- Need of a coherent / focused / realistic standardisation strategy for the area
- This is the right timing to embed standardisation in the new initiatives and projects
- We can work together to make this a reality