

First

Net!Works European Technology Platform

Werner Mohr · Nokia Siemens Networks

Poznan, 26th October 2011
Future Internet Assembly (FIA)



European Commission
Information Society and Media



SEVENTH FRAMEWORK
PROGRAMME

Summary

1. About the eETP
2. ETP Research Areas
3. ETP Composition
4. ETP in FU an ICT Components
5. ETP Potential Cooperation with LPTPs



About the ETP

- 1) ETP Domains/Scope
- 2) ETP Vision



Net!Works Domains/Scope

- **Communication networks are the heartbeat of a smarter society**
- **Therefore, Net!Works promotes public and private investment in communications networking research**
- **Net!Works messages**
 - **ICT is essential for our continued economic growth and job creation in Europe**
 - **Research on new networks and services has to start now to be ready to support the mass market use of new applications!**
- **Main focus areas of Net!Works are**
 - **Communications networks, from mobile and wireless through to optical**
 - **Net!Works is identifying and promoting research topics to be included in framework research programs**



Net!Works Vision

- **Empowered people – “Your one life”**
 - Your life in “the cloud”
 - You have a voice in communities
 - You trust your services
- **Empowered Innovative Societies**
 - Networks enable innovation in services for ITS, environmental monitoring, eHealth, cultural experiences
- **Turbo-charged systems**
 - Focus on Simplicity to deal with growing complexity
 - Step improvements in efficiency in all parts of networks and the interactions with applications
 - Growth in short range and NFC
 - Roll out of broadband speeds up
- **Multi-disciplinary research and innovation in focus!**



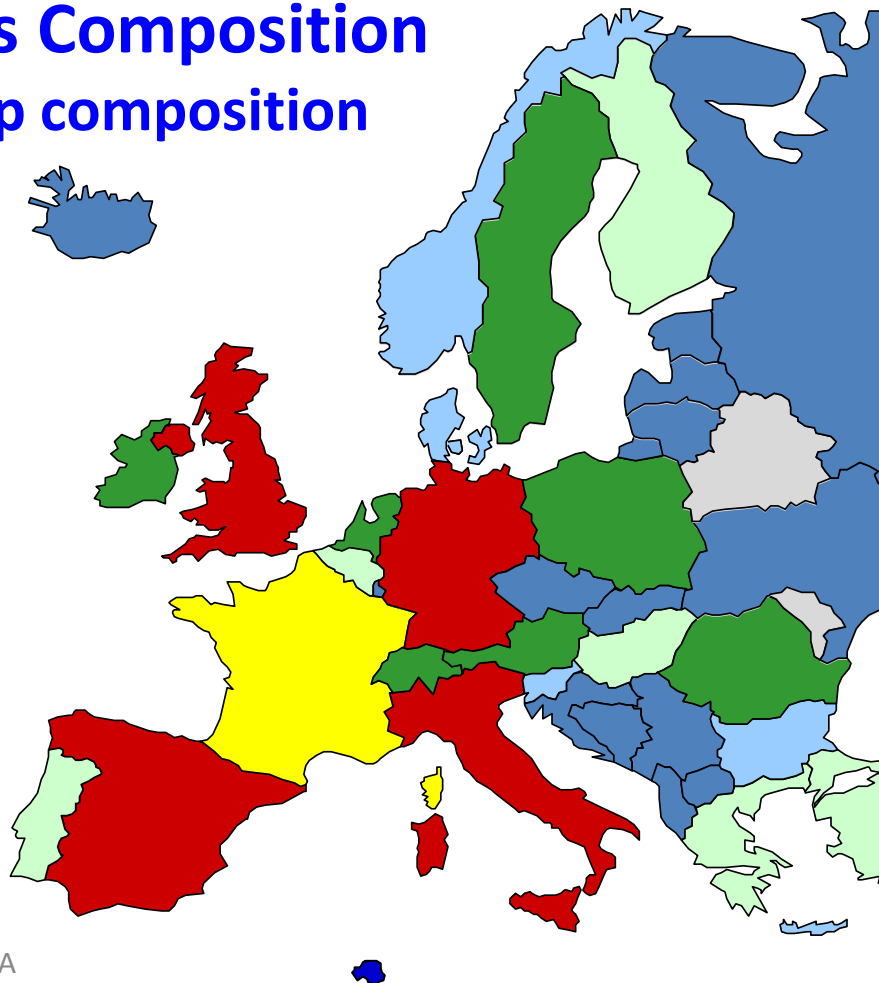
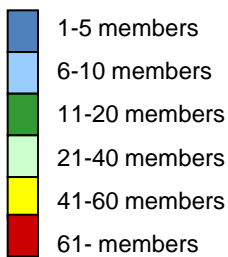
Net!Works Research Areas

R&D Priorities - Radio and optical communication systems

Research areas

- Applications (Energy, Transport, Health, Environment, Smart Cities)
- Context Provisioning and User Profiling for User-Centric Services
- Trust, Security, Dependability and Privacy
- Machine-to-Machine Communications
- Cognitive Radio Systems
- Broadband Mobile Systems
- Optical Fibre Technologies and Radio over Fibre
- Mediation Bus for Ubiquitous Services
- Future Internet, a Parallel Internet
- Green Wireless Communications

Net!Works Composition Membership composition



Total number of
Members **807**

- Industry **145**
- Research **304**
- SME **298**
- Cooperation members **60**

Steering Board
of 25 members
(all elected)

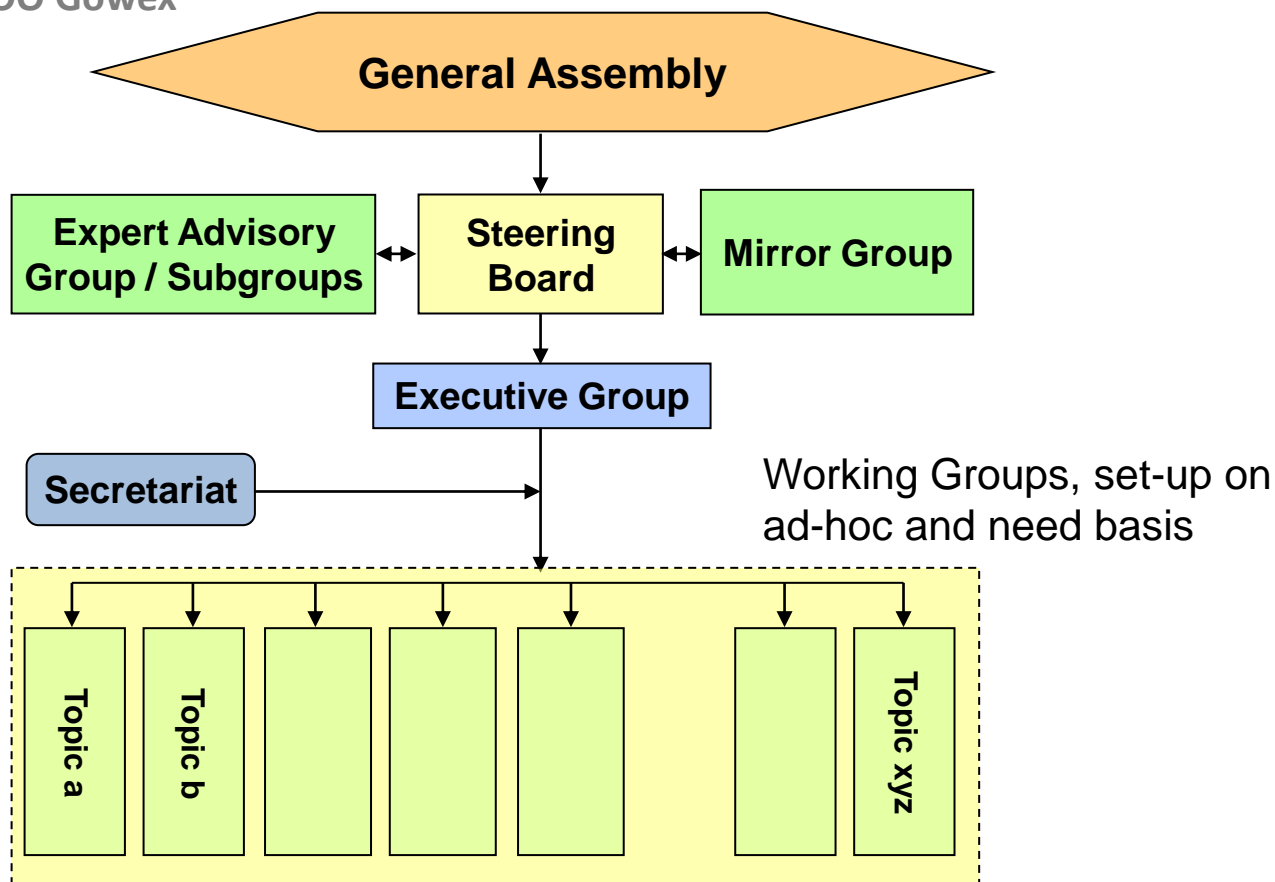
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- Expert Group
- Mirror Group
- Executive Group

Governance rules and Net!Works Structure

Until December 31, 2011, new election on December 1, 2011

- SC Chair: Werner Mohr, Nokia Siemens Networks
- Co-chairs: Fiona Williams, Ericsson / Rainer Fechner, Alcatel-Lucent Deutschland AG / Luis Manuel Calvo, COO Gowex





Net!Works in FI and ICT Components

- Net!Works is focusing on communications networks, from mobile and wireless through to optical communications
- Promoting these research topics within scope, which support FI architectures and systems mainly on system level
- Appropriate networks systems needed in order to enable a platform for FI services and applications
- Cooperation with vertical sectors to integrate networking technology with other sectors



ETP potential cooperation with LATPs

- Exchange of Strategic Research Agendas between Technology Platforms
- Identification of commonalities of views and topics to be promoted
- Influencing priorities for public research funds in different regions
- Organising networking opportunities for participation in EU framework programs
- Setting trends on discussions on relevant topics on global level