

R&D Policy

Framework Programs

Part of a strategy for world leadership

Magnus Madfors
Director R&D Policy, Ericsson

R&D Policies for world leadership

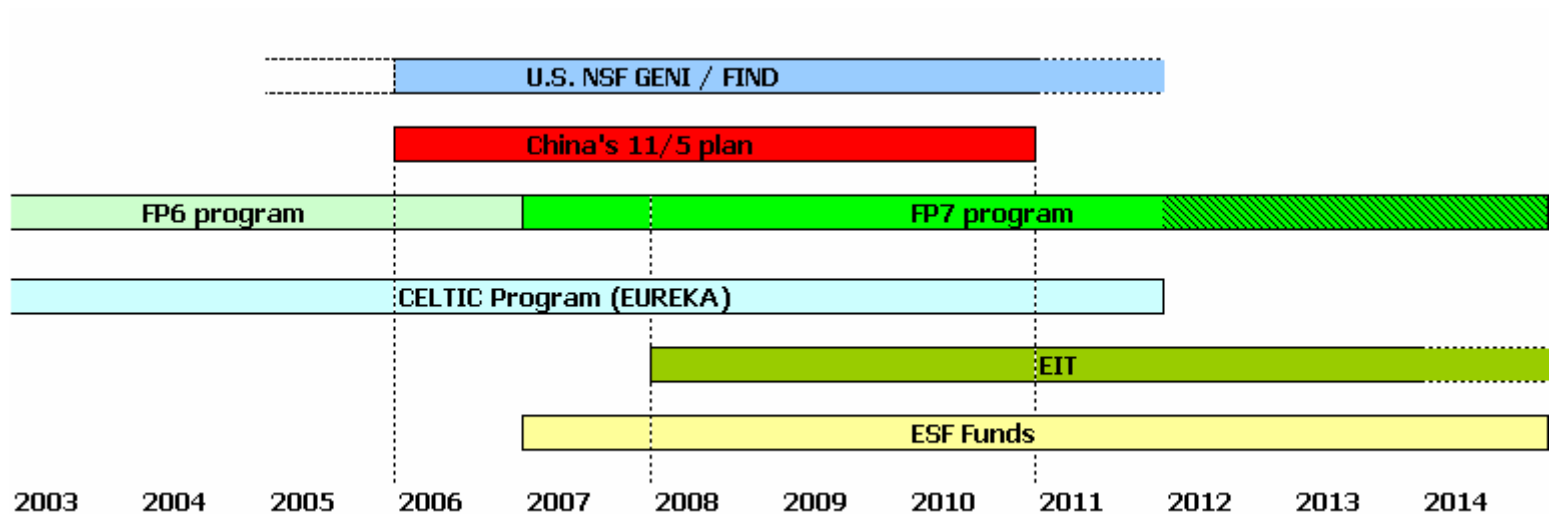
- **A global footprint**

- Mobile Communication Systems expect to serve 3 billion users in 2007
- Mobile & wireless products and services have an economic impact greater than the Internet

- **To maintain and strengthen our position in 2015-2020+**

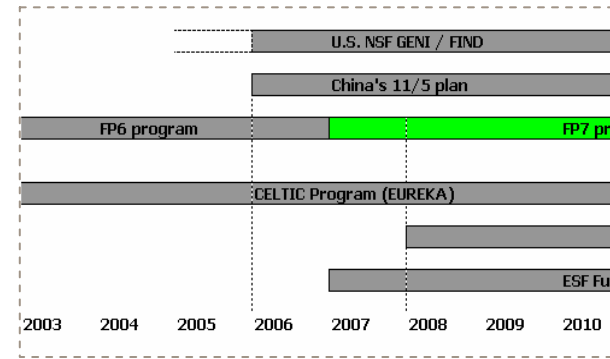
- Large-scale approaches to system research and development, and to mobile services and applications in the context of digital convergence
 - Bring ICT industry together to solve common problems and develop common platforms for future standardisation and product development
 - Coordinate programs on European, Regional and National level in order to sustain position in the global competition
-

Existing R&D programs



Framework Program Seven

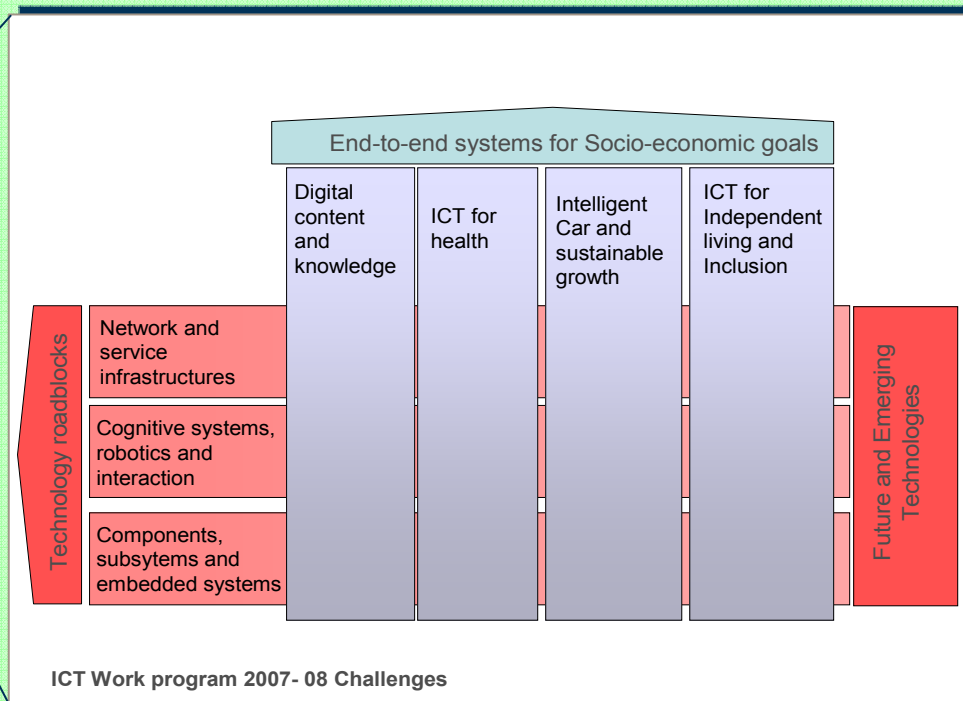
- Total of 50.521 million Euro in 2007 - 2013**
 - In total 9.080 million Euro allocated for ICT
 - Slightly lower run-rate compared with FP6
- Organized in four programs



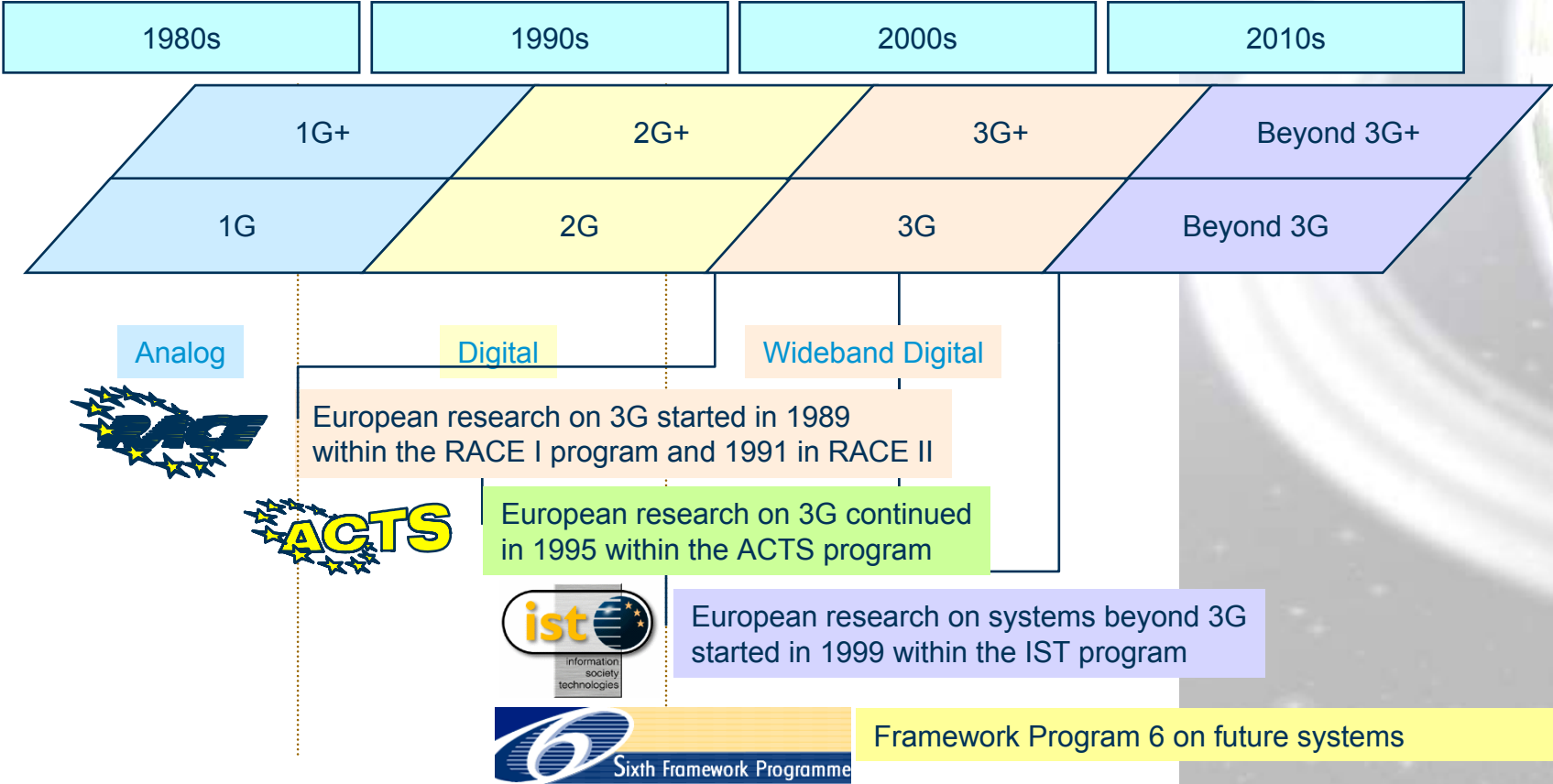
Cooperation

Transnational cooperation

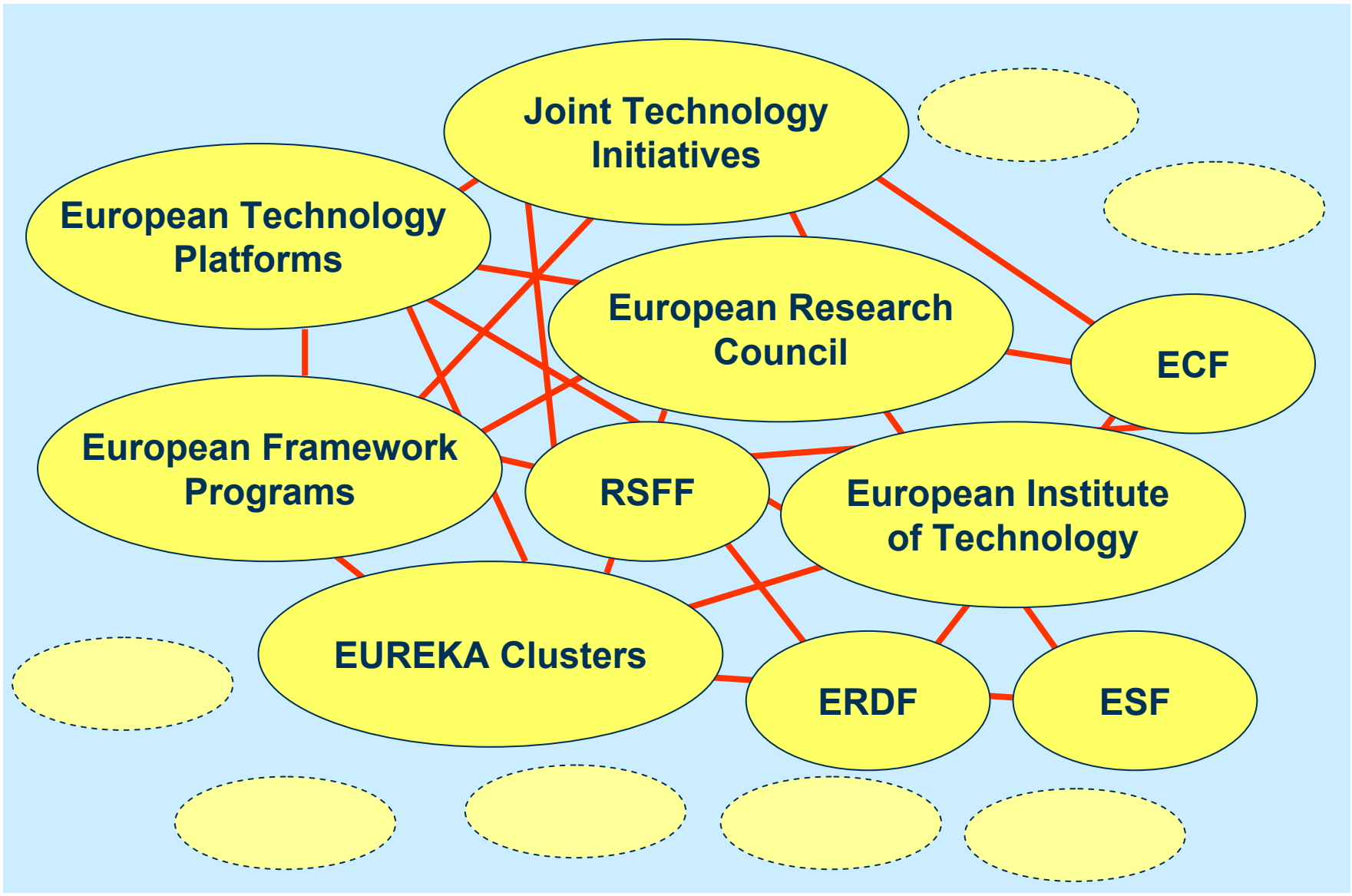
- Collaborative research
 - Health
 - Food, agriculture and biotechnology
 - Information and communication technologies
 - Nano sciences
 - Energy
 - Environment
 - Transport
 - Socio-economic sciences and the humanities
 - Security and Space
- Joint Technology Initiatives (Selected areas)
- Coordination of non-Community research program
- International Cooperation action



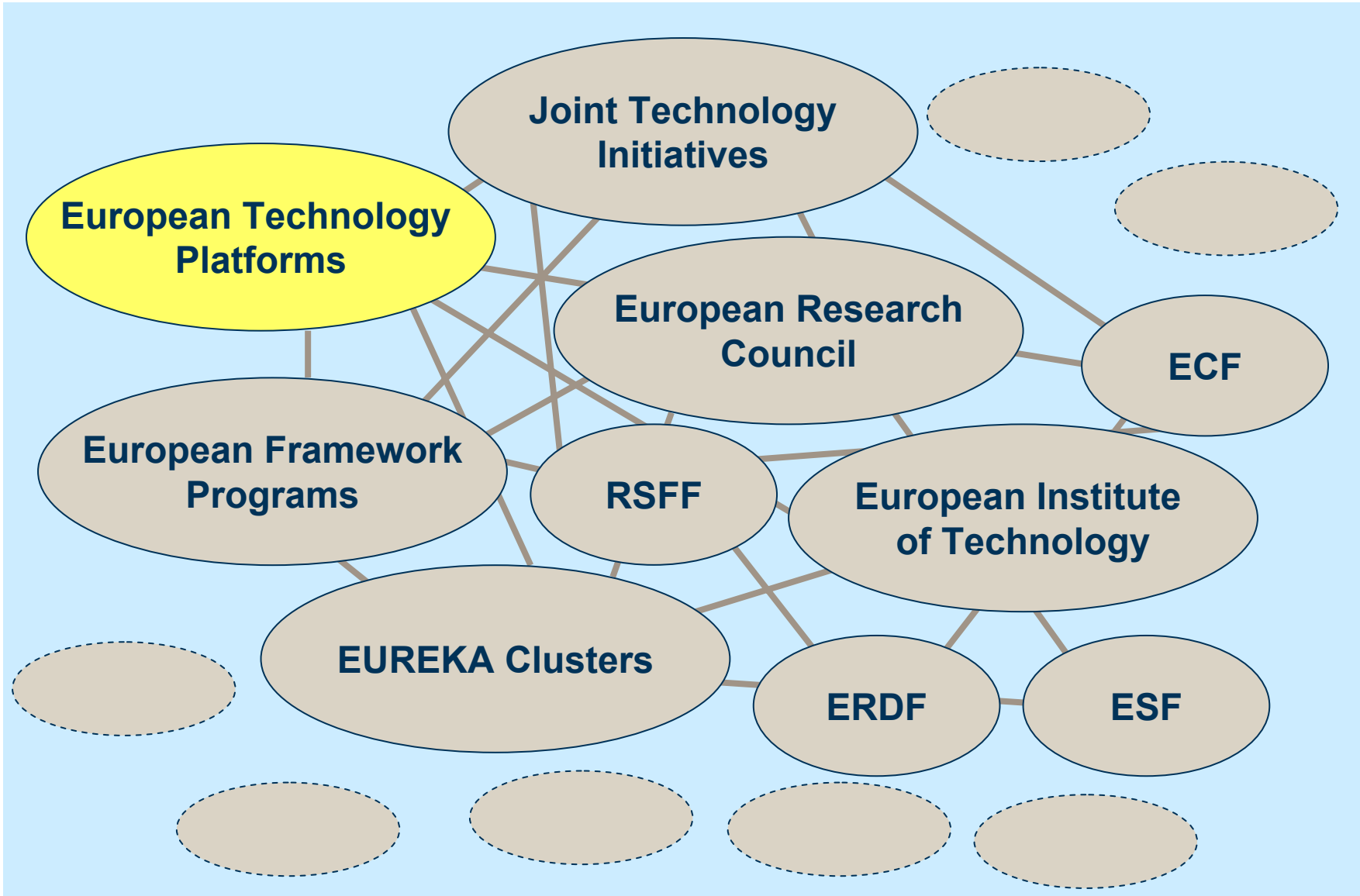
European research programs on mobile and wireless



Supporting activities & organisations



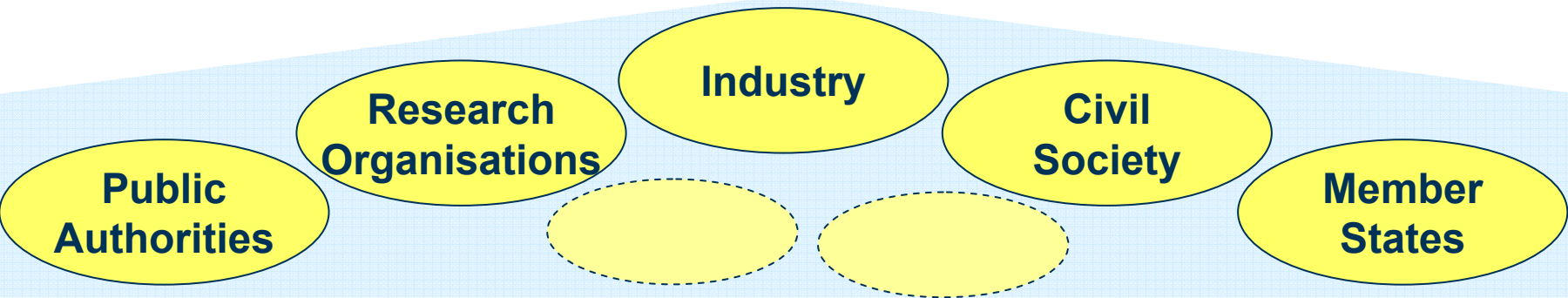
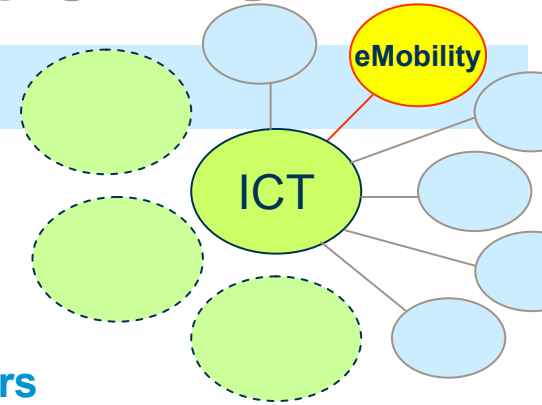
European Technology Platforms



European Technology Platforms

A forum that brings

- **Strategic Research Agenda**
 - Europe's future growth, competitiveness and sustainable development depend on major research and technological advances in the medium to long-term, defined by its' stakeholders
- **Common European approach, covering the complete chain from research and technological development through to future, large-scale market penetration.**
 - Mobilise the private and public investments required for the implementation of the research and development strategies.
 - Framework Programmes, Structural Funds, National, Regional and Private research funding, European Investment Bank Intergovernmental EUREKA Initiative



Involving stakeholders



In total 434 members

- Industry **104**
- Research **172**
- SME **158**

- Elected Steering Board

- Executive Group

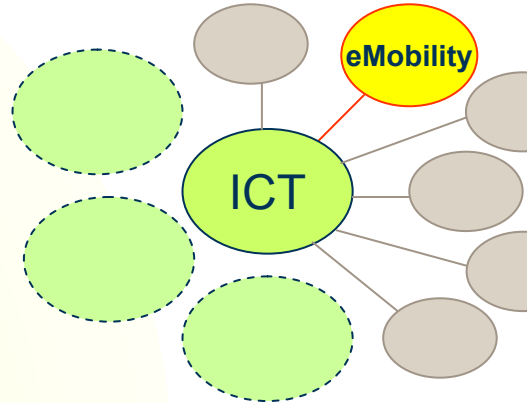
- Expert Group

- Mirror Group

From research to market

Strategic Research Agenda

- Simplicity, Efficiency and Trust
 - Connectivity
 - Applications
 - Security

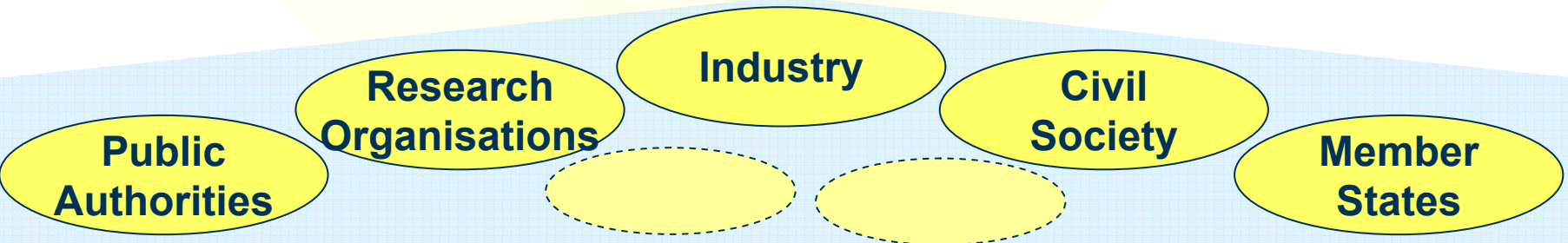


Globalisation and cooperation

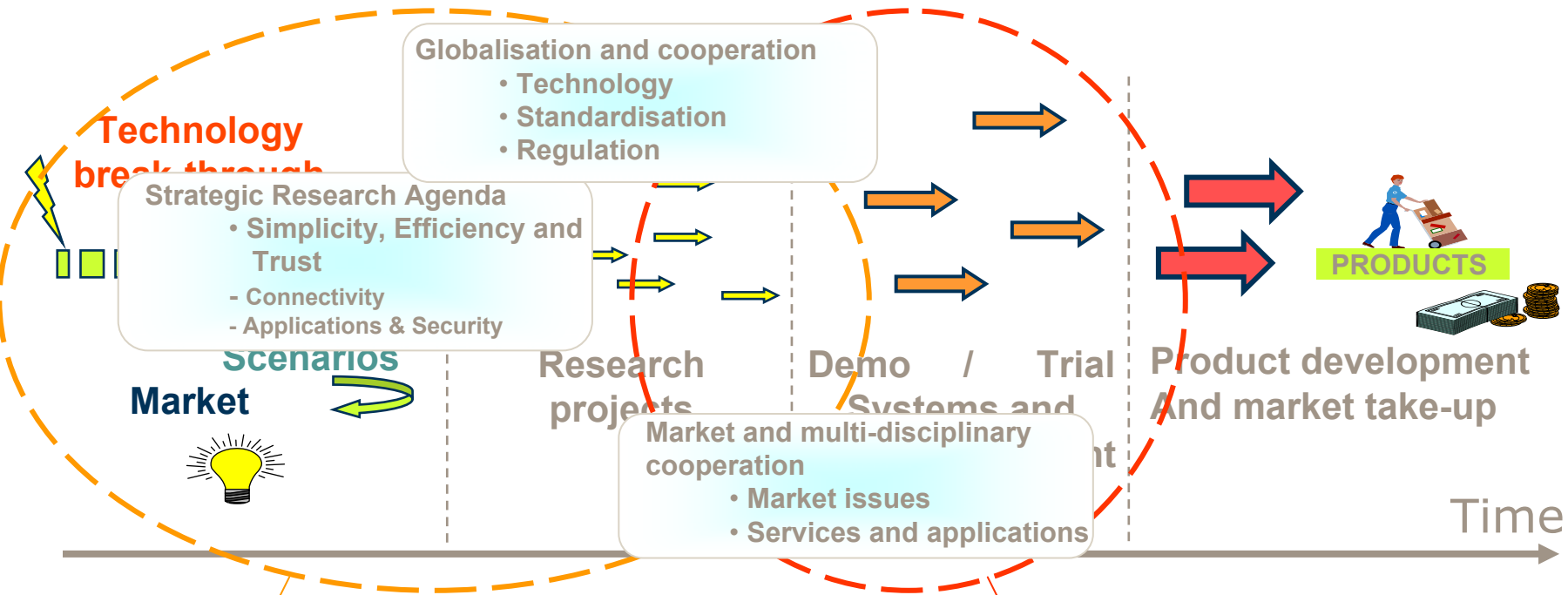
- Technology
- Standardisation
- Regulation

Market and multi-disciplinary cooperation

- Market issues
- Services and applications



Coordination for added value



Pre-competitive research

ICT accounts for about 20% of the total European Framework programs;

FP5
FP6
FP7
...

Research & Innovation into market

Research, Innovation and Education on a multidisciplinary basis, and with a strong emphasis on economic and social outcome with regional developments

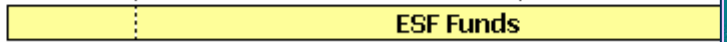
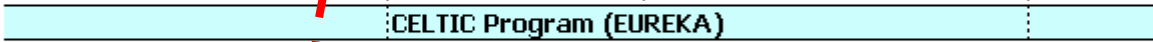
EUREKA
Structural Funds
EIT
...

Coordination on European, Regional and National level

R&D Policies for world leadership



CELTIC
Telecommunication Solutions



WIRELESS WORLD
RESEARCH FORUM



Technology Platforms

niac NESST eMobility NEM



National R&D Programmes

RNRT bmb+f IWT



European Institute of Technology

ERICSSON 

TAKING YOU FORWARD