

Towards the future: FP 7 plans

From WWI towards E-mobility

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On behalf of WWI



Content

- ❑ Motivation
- ❑ Collaboration method
- ❑ Projects



- ❑ Purpose of collaboration is to provide an overall End-to-End systems view
- ❑ We want to continue some of the WWI activities into E-mobility
- ❑ We shall have groups working more towards end-to-end systems view complementing the clusters

- ❑ 5 IP proposals
 - FLAIR continuation of Winner
 - COSAN continuation of MUSE and Ambient Networks
 - 4WARD – clean slate Future Internet
 - Servery continuation of SPICE
 - End-to-End Efficiency continuation of E²R
- ❑ 4WARD and E-cube in negotiation
- ❑ FLAIR and Servery investigating Celtic possibilities
- ❑ COSAN has been not followed up as a comprehensive approach



Project Cooperation Agreement

- ❑ eMobility Legal Group developed two types of Project Cooperation Agreements
 - Project Cooperation Agreement with Access Rights
 - Project Cooperation Agreement without Access Rights
- ❑ Such agreements allow interested projects the definition of cooperation in defined areas and how to exchange information
- ❑ Potentially, different groups of projects may wish to cooperate in different technology areas
- ❑ Cooperation in group of projects facilitated by “Coordination Team”



Project cooperation I

- ❑ EU Commission will launch topic-oriented project clusters in Framework Program 7
- ❑ Based on positive experience in Framework Program 6 cooperation between interested projects from a system perspective beyond limited topic areas desired
- ❑ eMobility Project Cooperation and FP7 project clusters should complement each other from different perspectives
- ❑ eMobility scope may be extended to lower layer fixed network issues in the sense of converged networks and systems such as
 - transport systems
 - backbone networks
 - fiber optic systems
 - etc.
- ❑ Therefore, different Project Cooperations can be expected based on accepted proposals



Project cooperation II

- ❑ Each group of cooperating projects will establish a “Coordination Team”

- ❑ Coordination Team comprises the
 - Coordinators of participating projects and
 - additional representatives per project according to the Cooperation Agreement

- ❑ Responsibilities of Coordination Team
 - The Co-ordination Team shall be responsible for the co-ordination of the information exchange between the Co-operating Projects
 - The Co-ordination Team shall be responsible for the co-ordination of the Cross Project Tasks

- ❑ Coordination Team is part of Project Cooperation



Public Research Program Advisory Committee

- ❑ Public Research Program Advisory Committee should be established as eMobility Working Group reporting to the eMobility Steering Board
- ❑ Consult with different Project Cooperations on
 - achieved results across cooperating projects
 - experience from system perspective
 - feedback on new research topics
- ❑ Review of actual work plan with respect to new trends and developments
- ❑ Impact on future work plans
- ❑ Composition:
 - Representatives from Steering Board organisations being coordinators of Integrated Projects
 - Maximum around 10 members



Analogy

WWI

SB



E-mobility

Advisory
Committee

CT

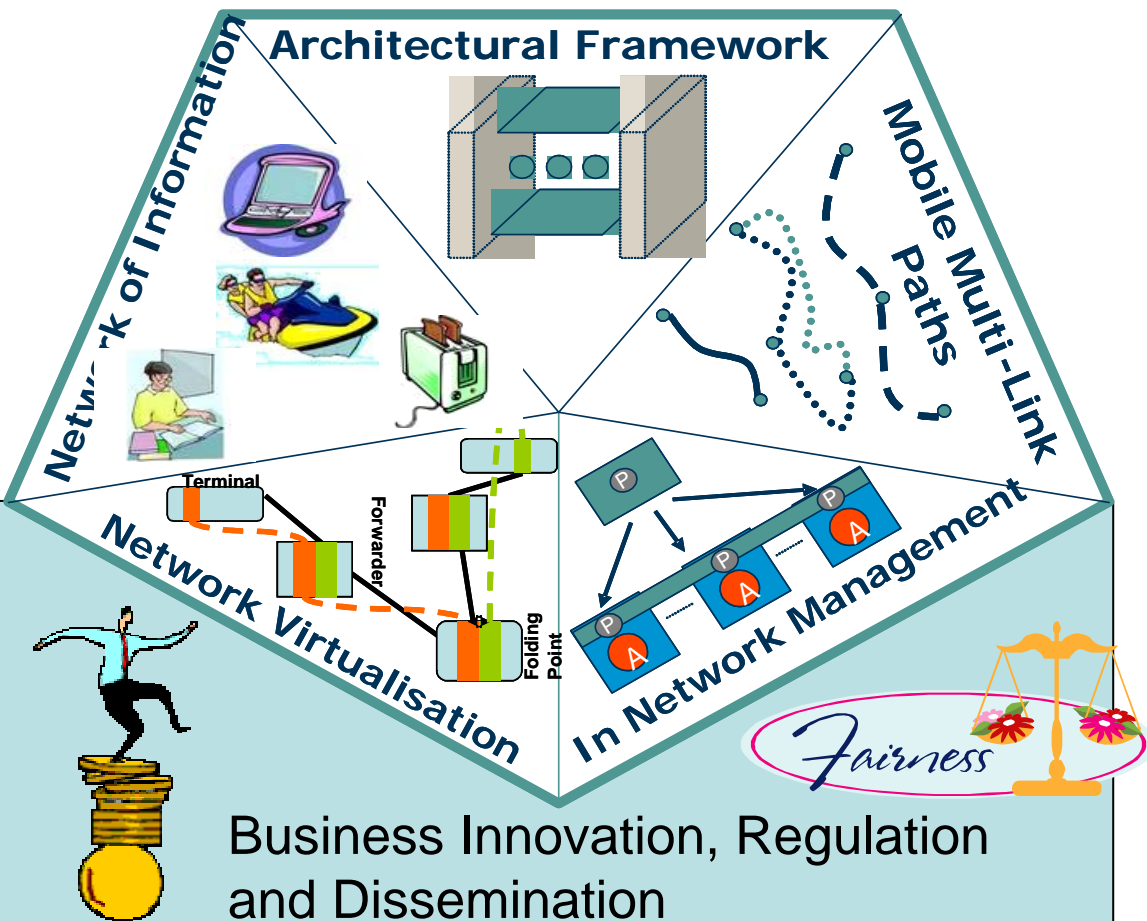


Co-ordination
Teams





4WARD EU FP 7 project



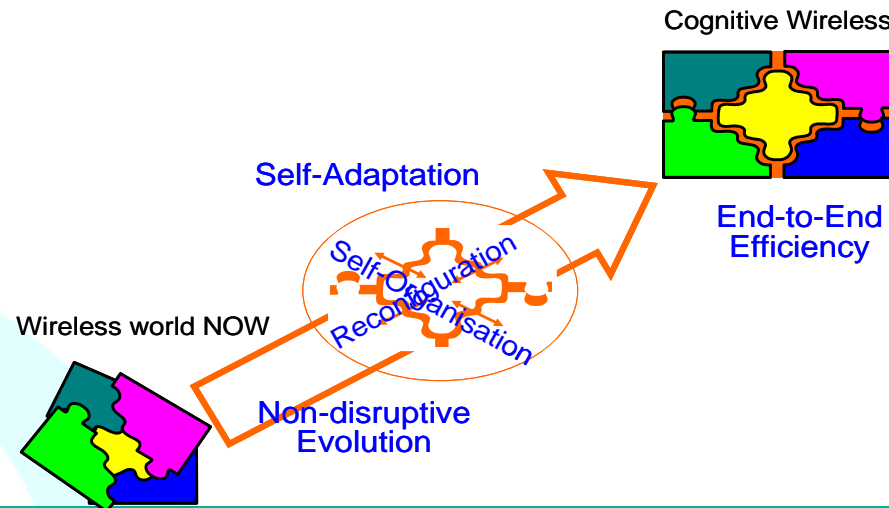
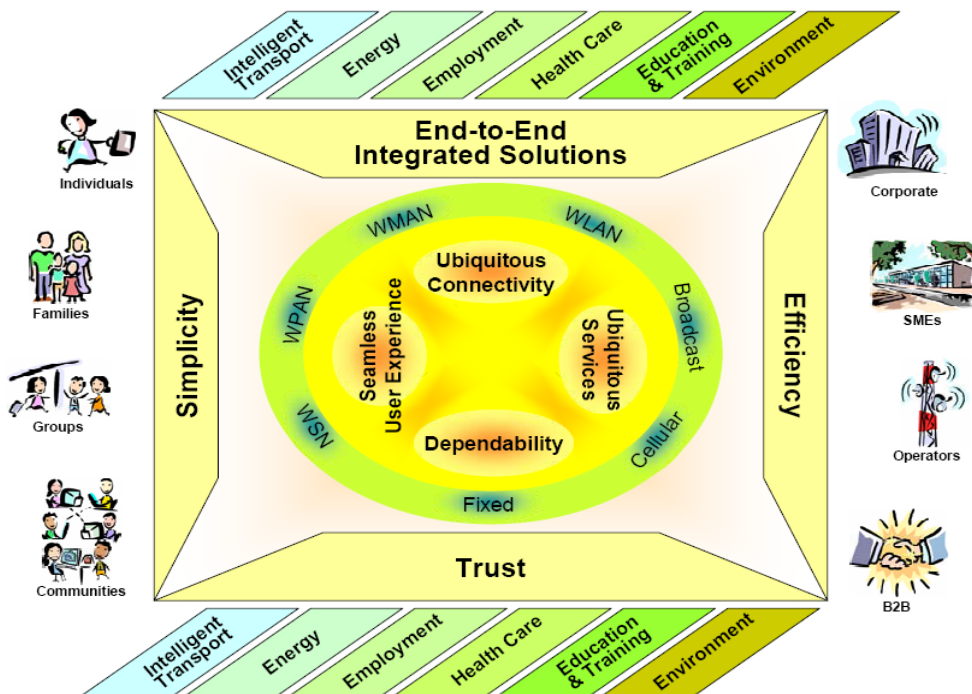
- Clean slate approach for Future Internet
- Design the Future Internet from a mobile and wireless perspective
- Inherently self-managed
- Generically supporting networking of information including p2p and m2m
- Scalable and deployable in a stepwise approach

E³ Project Proposal



E³

- ✓ E³ is an ambitious FP7 IP
- ✓ Introducing Cognitive Wireless Systems in the B3G World
- ✓ E³ is building on several Key Achievements from E²R
- ✓ E³ is developing the very successful Approach of E²R to cover Technical, Business and Regulatory Perspectives
- ✓ E³ is teaming sub-set of E²R Consortium and non- E²R Partners



SERVERY: The IMS/Web convergence

Goal: Research, prototype and evaluate an open European marketplace allowing creation, delivery and trading of multimedia services

Main ideas

- Combine the best of Telco and Internet worlds
- Enable a marketplace to create new business opportunities, models and roles
- Provide solutions for end-user and professional service creation on the marketplace
- Provide intelligent Service Enablers that allow the creation and orchestration of Enhanced Services in personal, dynamic and multi-domain environments;
- Build-up a generalised flexible architecture and middleware infrastructure allowing dynamic, intelligent and contextual services creation, delivery and trading

Expected Outcomes

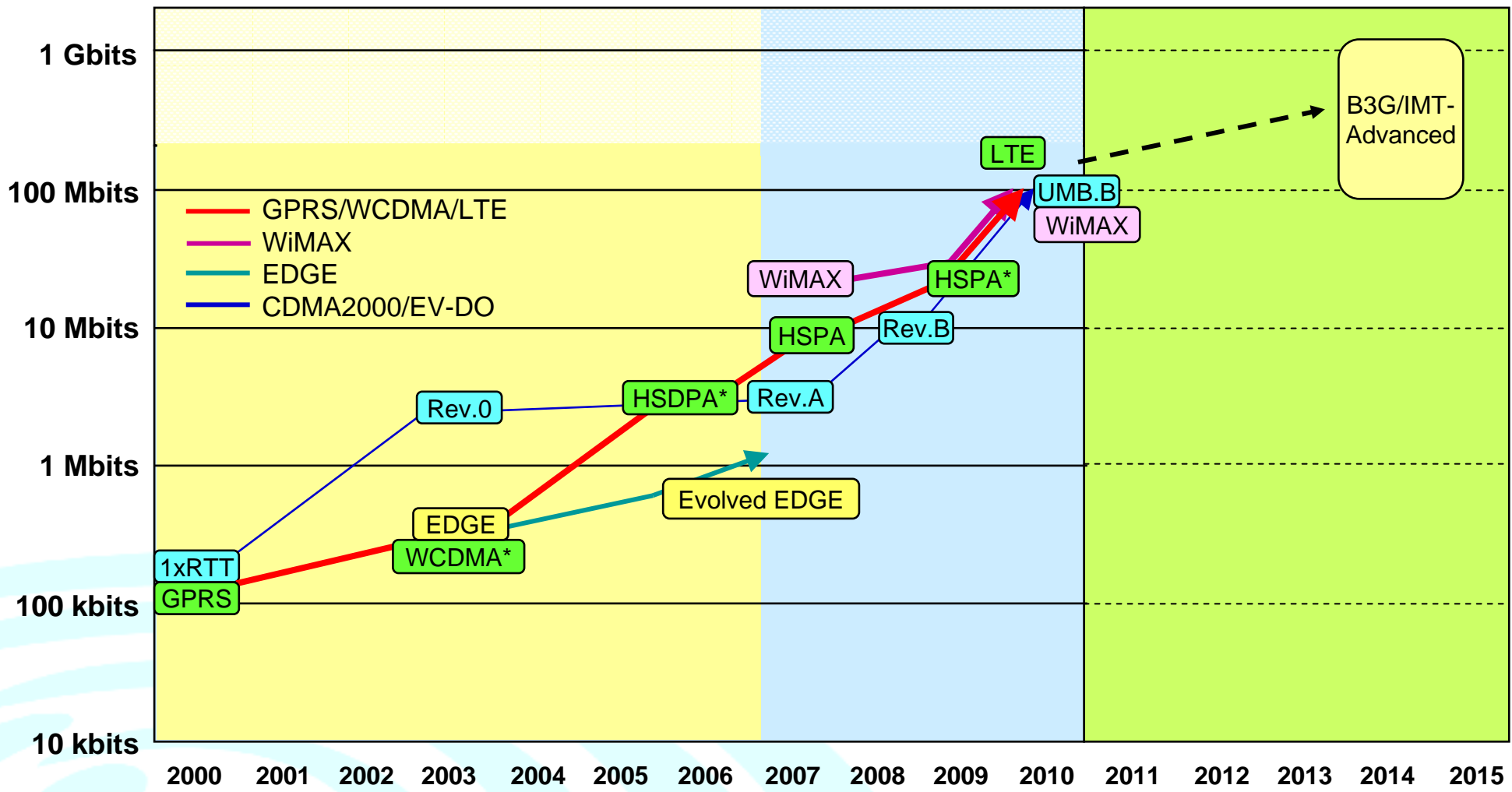
- Building the future service marketplace: Dynamic service architecture and novel service creation tool
- IMS extensions specifications and standards
- Distributed testbed and live marketplace experience for community users

Consortium (16 partners)

- **Operators:** FT, Telefonica, Telenor
- **Telco and IT Vendors:** Alcatel-Lucent, NEC, Nokia Siemens Network, Siemens, Bull
- **Academics :** FOKUS, SINTEF, IBBT, University of Kassel, INT
- **SME :** BLStream, Mantica, Innovalia, Carsa, Gintel, City Live



Evolution paths towards beyond 3G/IMT-Advanced



Source: J. Walko, Mobile operators under pressure in Barcelona – 3GSM report, Picochip, EETimes europe, February 19 – March 4, 2007



Summary

- ❑ Good experience from WWI

- ❑ Intention to pursue E-2-E systems view
 - Several potential co-operations

- ❑ Complement to clusters