

European Research on Ubiquitous Networking

The 1st Japan EU Symposium on the "New Generation
Network" and the "Future of the Internet"

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DG Information Society and Media

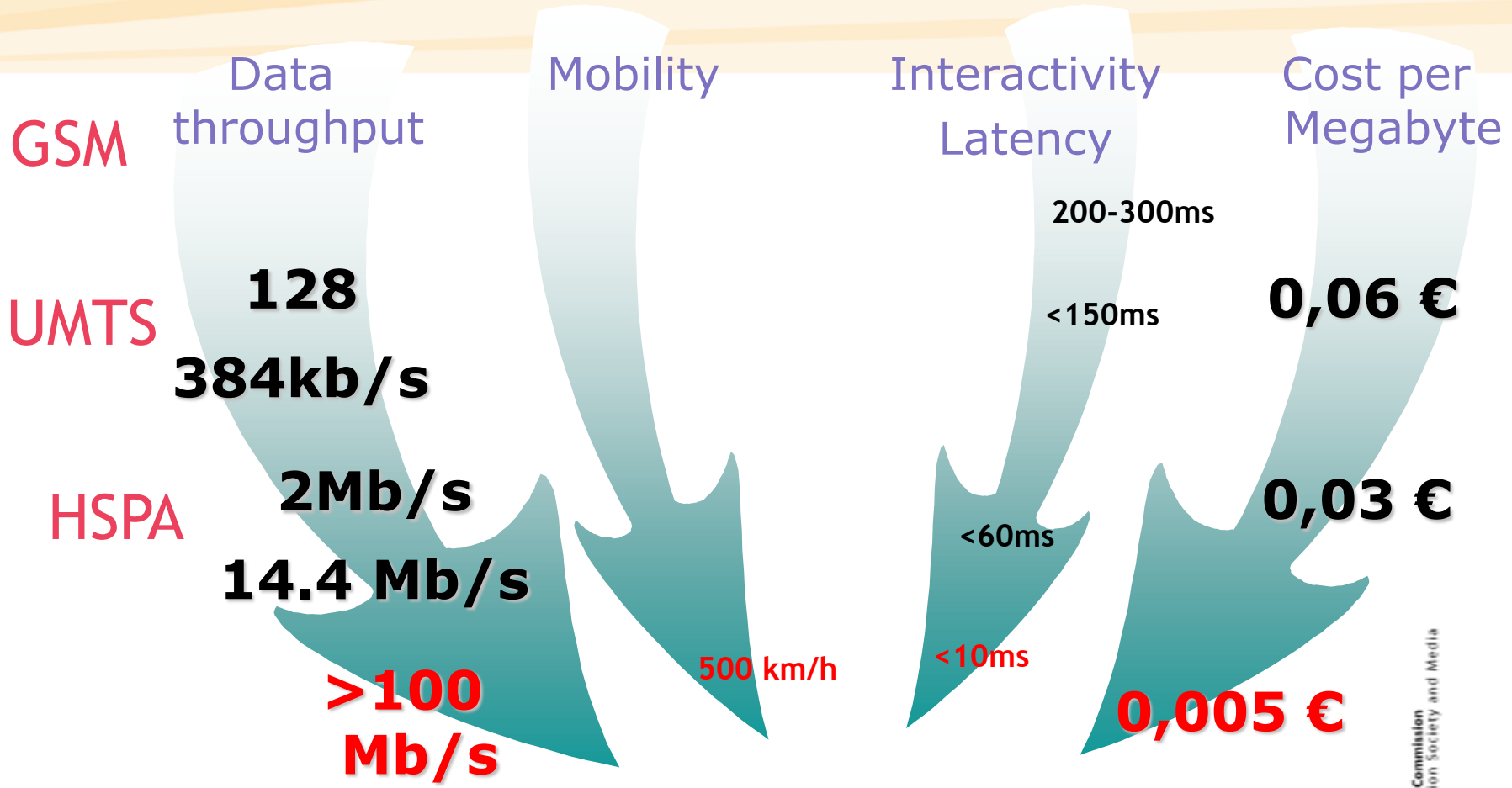
Agenda: Ubiquitous Networking

- Rainer Zimmermann, EC Head of Unit, Future Networks (5 min)
- Hiroyuki MORIKAWA, Department of Information and Communication Engineering and Department of Frontier Informatics, The University of Tokyo (5 min)
- Richard Egan, Thales: Sensors and ubiquitous connectivity, impact on Internet network architecture (20 min)
- Ryuichi HATTORI, Deputy Director, Security Smart ID Solutions Divisions, Tracing & Tracking Solutions Operations, Products Development Department, Hitachi, Ltd.: RFID Recent Topics & Application (20 min)
- 25min Discussion

Evolution of the Internet

- The Internet has become a critical part of an economy's infrastructure
- Net-delivered services are reshaping the world (search, media, games etc.)
- Tripling the number of people connected
- Creative flow of content and processes, increasingly generated by users, not just consumers
- Balance the need for control with the creativity that spawns innovation—and profit?
- “Net Neutrality”

Mobile Wireless Access Performances to support Future Mobile Internet



Future Internet in FP7

Media

(5 projects)

P2P; cross layer architectures;

RFID and beyond

(5 projects)

From RFID to wireless sensors for Internet of Things

Services

(10 projects)

Virtualisation of Services, Semantic architecture, Composability

Future Networks

(17 projects)

Architectures & Protocols

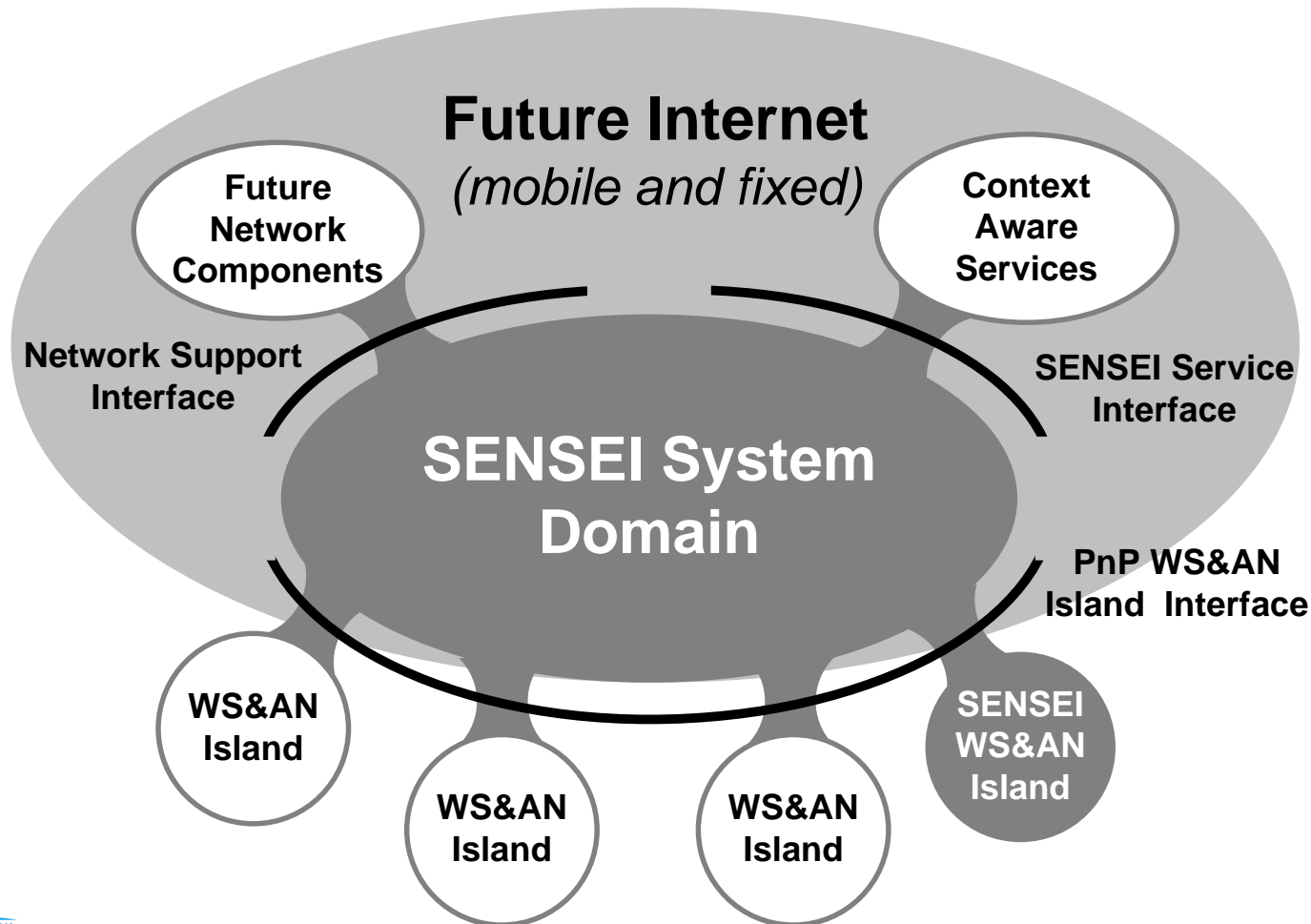
Management & Operations

37 proposals, budget >150M€

System approach including networks, services, devices and content aspects

Example - SENSEI vision:

Real World Dimension of the Network of the Future



Outlook

- FP7 ICT Work Programme 2009-2010 currently being drafted
- Next calls for proposals in the area of future networks planned to be published for end 2008 and mid 2009
- The ICT Future Networks web site
<http://cordis.europa.eu/fp7/ict/future-networks/>
- Our bi-monthly newsletter:
 - Distributed via email (by subscription - free of charge);
 - Contains info on all activities in the field including calls for proposals, conferences, publications, etc)

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