

# Thematic session 1: Networked electronic media

## Networked Media and 3D Internet

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# DG INFSO profile & activities

## ▪ Directorate General Information Society and Media

- ✓ Support **innovation and competitiveness** in Europe through **ICT research and development**
- ✓ Define and implement a regulatory environment enabling rapid development of ICT services
- ✓ Encourage widespread availability and accessibility of ICT-based services
- ✓ Foster the growth of content industries drawing on Europe's cultural diversity
- ✓ Promote **international cooperation** in **ICT research and development**

## ▪ Directorate INFSO D “Converged Networks and Services”

- ✓ 'Future Internet' as our federating research theme. Our current challenge is to address the multiple facets of the Future Internet
- ✓ Four INFSO D units addressing:
  - ✓ Future Networks
  - ✓ **Networked Media Systems**
  - ✓ Software and Service Architectures and Infrastructures
  - ✓ Networked Enterprise and Radio Frequency Identification

## ▪ Unit INFSO D2 “Networked Media Systems”

- ✓ **Content-aware networks and network-aware applications**
- ✓ **3D Media Internet**
- ✓ **Networked search and retrieval**
- ✓ **Immersive media experiences beyond HDTV and electronic cinema**



# EU-Japan cooperation on Networked Media

- Japanese **direct** participation in FP6 and FP7 research projects in the area of Networked Media: so far **none** ...
- but ...
  - 1<sup>st</sup> EU- Japan Cooperation Forum on ICT Research (March 2008) two sessions:  
**Networked Electronic Media** and **Next Generation Information Retrieval and Analysis Technologies**
- since then ...
  - NEM Summit 2008** on 13 October 2008: invited speech by **Dr. Kazumasa Enami, National Institute of Information and Communications Technology (NICT)** on “Research and activities on ultra-realistic communications”
  - ICT 2008 Event** on 27 November 2008: invited speech by **Prof. Masaru Kitsuregawa, Director of the Center for Information Fusion, University of Tokyo** on “Japanese perspectives on search: the Information Grand Voyage project (METI) and the Info-plosion project (MEXT)”

*METI = Ministry of Economy, Trade and Industry*

*MEXT = Ministry of Education, Sports, Culture and Technologies*



# Potential EU-Japan cooperation areas

## Content-aware networks and network-aware applications

Architectures and technologies for converged and scalable networking and delivery of multimedia content and services

## 3D Media Internet

Architectures and technologies for future Media Internet and 3D processing enabling mass distribution, caching, filtering, aggregation and networking of 3D content and enhanced user QoE

## Networked search and retrieval

Networked technologies and architectures for optimised search, adaptation and access to large-scale distributed multimedia content from diverse sources and scenarios, including physical world information

## Immersive media experiences beyond HDTV and electronic cinema

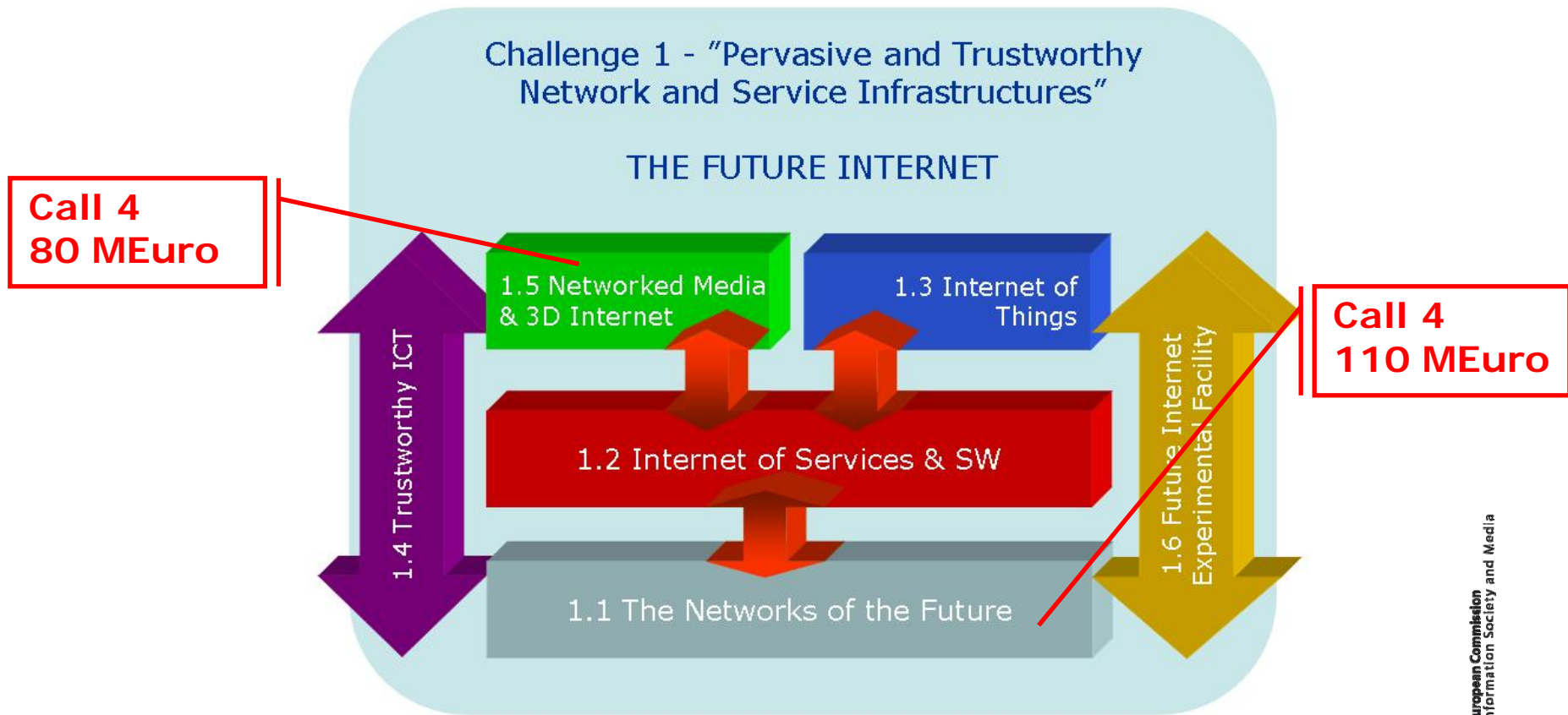
End-to-end architectures for next generation multimedia and cinema experiences beyond HDTV and current digital cinema, with better QoE



# ICT Call4 publication: 19 November 08

## Evaluation of proposals: by the end of June 09

[http://cordis.europa.eu/fp7/home\\_en.html](http://cordis.europa.eu/fp7/home_en.html)



'Future Internet' as a federating research theme across the six objectives in Challenge 1



# Encouraging signs of EU-Japan cooperation

## Call 4 proposal for a Coordination Action :

**Strong connections have been established with the project Information Grand Voyage (IGV) funded by the Japanese government through METI**

## Call 4 proposal for an Integrating Project:

**Consortium partners have already established a working relationship with the Information Grand Voyage project (METI), in particular with:**

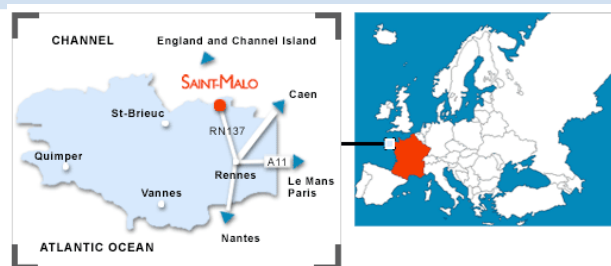
- ✓ **Prof. Miki Haseyama, School of Information Science and Technology, Hokkaido University**
- ✓ **Dr. Toshihide Yahiro, Director of Commerce and Information Policy, METI**
- ✓ **Prof. Masaru Kitsuregawa, University of Tokyo**



# Future events

- **28-30 September 2009: NEM Summit 2009, Saint-Malo, France**

<http://www.nem-summit.eu/>



- **13-14 October 2009: 2<sup>nd</sup> Japan-EU Symposium on the “Future Internet”, Tokyo, Japan**
  - Intended to explore prospects for deeper exchange and collaboration between the Japanese and European research communities in the area of “New Generation Network (NWGN) in Japan and “Future Internet” in Europe.
  - Jointly organised by NICT and the European Commission
- **9-10 November 2009: Future TV, Paris, France (Japan special guest country)**
  - Organised by Cap Digital and Media & Networks, together with the NEM European Technology Platform

<http://www.futuretv2009.org/Television-of-the-Future-The>



**Looking forward to your presentations and to a fruitful and continuous EU-Japan cooperation!**

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