

6th Framework Programme – IST Call 6
International Cooperation
Digital Broadcasting / Mobile Convergence
IST-NCP Meeting - 24 January 2006

DG Information Society and Media
Networked Audiovisual Systems (D2)

Demosthenes Ikonomou
Jean-François Buggenhout

Networked Audiovisual Systems - Portfolio

Concertation meetings,
Technology Platforms
...

SUPPORT ACTIONS

HOME NETWORKING

INTERNATIONAL COOPERATION

Ad-hoc networks
Ultra-wide band
WLAN
Home terminals
...

Digital TV in Latin America
Digital TV in China
Home Networks in China
...

ADVANCED AV PROCESSING

NETWORK
MANAGEMENT & STORAGE

DIGITAL TV and
BROADCAST TO HANDHELDS

Scalable coding
3D Processing
3D Rendering
Metadata processing
...

Remote Management,
Quality of Service,
Digital Rights Management
Routing
Distributed storage

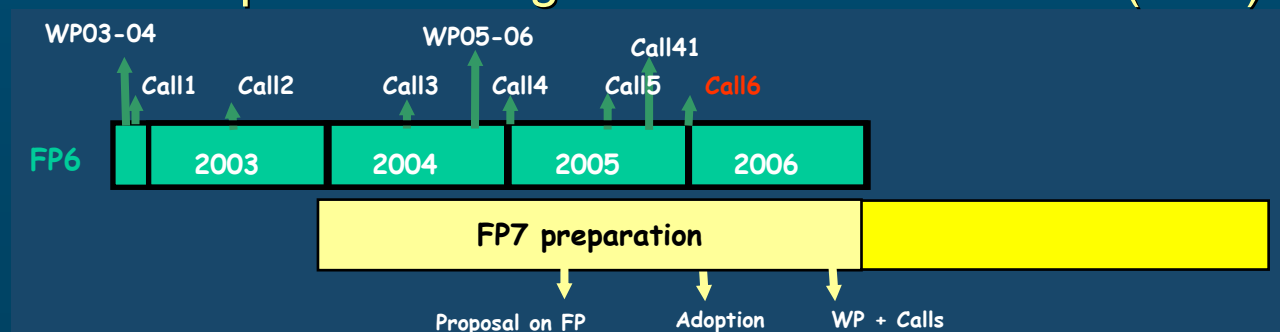
Convergence of
telecommunication and
broadcast networks,
interactivity,...

Networked Audiovisual Systems – FP6



IST Calls of the 6th Framework Programme

- Call1 → 85,5M€ (5 IP, 2 NoE, 2 SSA, 13 STP)
- Call3 → 1,3M€ (4 SSA)
- Call4 → 36,5M€ (1 IP, 1 NoE, 1 SSA, 8 STP)
- Call41 → 52,5M€ (IPs, NoE - Evaluation in progress)
- Call6 → 40M€ (Closing 25 April 2006)
 - Audio-visual Search Engines (30M€)
 - International Cooperation - Digital TV in China (5M€)
 - International Cooperation - Digital TV in Latin America (5M€)



NAVSHIP Projects & Latin America – FP6

INSTINCT (Ip-based Networks, Services and TermINals for Converging sysTEms)

Integrated Project of FP6 Call1, 9.6M€ funding, 27 Months (Ending in March 2006)

- Aims at specifying a platform for the commercial provision of convergent services with a special focus on the DVB-T, -H and -MHP and 2/3G cellular networks;
- Such platform will enable the provision of mobile TV services as well as the provision of specific local channels and easy to navigate portals of interest to local and remote communities;
- Closely cooperating with the DVB-CBMS standardisation group;
- Through co-operation with Brazilian R&D organisations it is hoped to:
 - Enter a phase of active co-operation and transfer of knowledge in view of a growing awareness of DVB in Brazil;
 - Develop partnerships that could be exploited in the future for the development of next generation of technologies & standards;

- 6 Brazilian partners:

- University of Amazonia Brazil

- Polytechnic University of Sao Paulo Brazil

- Research centre CESAR Brazil

- Research centre GERTI Brazil

- Research centre GENIUS Brazil

- Philips Laboratory of Amazonia Manaus PhiLAB Brazil



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NAVSHP Projects & China – FP6



- Mobile interactive digital TV – Converging systems
 - PARTAKE - Assisting Chinese Participation in Converging Systems
 - Specific Support Action of IST Call3, 8 Months, 173K€ funding
 - Organised a workshop in Beijing about Converging Services at end of June 2005
 - Organised training sessions for Chinese personnel in Europe
 - Involves the BUPT – Beijing University of Posts and Telecommunications

Ended in October 2005

- PHENIX-SSA -

- Setting up of a Euro China co-operation for mobile interactive multimedia services

- Specific Support Action of IST Call3, 12 Months, 422K€ funding
- Study the potential of a cooperation for a standard-based solution for the broadcasting and streaming of advanced interactive multimedia and audiovisual services for mobile devices.
- These services are to be launched for the 2008 Beijing Olympics Games.
- Organised a seminar in Rennes (France) on 29th of June 2005
- Organised a seminar in Beijing on 8 December 2005
- Partners from China:

Ended in December 2005

China Broadcast Network Co
China DTV Media Inc
China Radio International
Beijing Transvideo Digital Technology Co

Shenzen Fahua Multimedia Communication Co
Philips China
France Telecom R&D Beijing



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NAVSHP Projects & China – FP6



- Home Platforms

- BIP2 – International Cooperation in the field of the Connected Home

- Specific Support Action of IST Call3, 18 Months, 230K€ funding
- Organises the 2nd EU-China Workshop on Home Networks & Platforms on May 28-30, 2006 in Beijing
- Involves the China-EU S&T Cooperation Promotion Office
- <http://www.ist-bip.org>

Ending in July 2006



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6th Framework Programme – IST Call6

International Cooperation on Digital Broadcasting / Mobile Convergence

- **Publication date: 22 December 2005**
- **Closing date: 25 April 2006, 17:00**
- **Indicative total budget: 140M€**
- **Strategic Objective 2.6.5: International Co-operation**
 - **International Cooperation on Digital TV Broadcasting and Interactive Applications**
 - **Target region: Latin America**
 - **Indicative budget: 5M€**
 - **STREPs, SSAs, CAs**
 - **International Cooperation on Digital Broadcasting / Mobile Convergence**
 - **Target country: China**
 - **Indicative budget: 5M€**
 - **STREPs, SSAs, CAs**

International Cooperation on Digital TV Broadcasting and Interactive Applications – Target Region: Latin America

International Cooperation on Digital TV Broadcasting and Interactive applications

- To establish privileged partnerships opening opportunities for the joint development of digital TV broadcasting technologies and associated interactive applications and services;
- To support the emergence of added-value services, their faster development in the target region and their interoperability with EU developed solutions;
- To prepare for future, wider and more concrete partnerships in RTD;
- Topics to address:
 - open API and middleware issues;
 - Interactive applications with strong focus on eLearning, eHealth & eGovernment;
- Considering live trials in order to validate the technical approaches;

- Contact person:

Demosthenes Ikonomou
European Commission
Brussels, Belgium

Demosthenes.Ikonomou@cec.eu.int
Fax : +32 2 296 21 78

International Cooperation on Digital Broadcasting / Mobile Convergence – Target Country: China

International Cooperation on Digital Broadcasting / Mobile Convergence

- To establish privileged partnerships opening opportunities for the joint development of digital broadcasting technologies and their convergence with mobile communications.
- To support the emergence of added-value converged technologies, their faster development in the target region and their interoperability with EU deployed solutions.
- Topics to address:
 - open API and middleware issues
 - scalable video coding and lightweight representation and content aggregation technologies
- Considering live trials in order to validate the technical approaches

- Contact person:

Jean-François Buggenhout
European Commission
BU29 06/04
B-1049 Brussels, Belgium

jean-francois.buggenhout@cec.eu.int

Phone: +32 2 299 52 49

Fax : +32 2 296 21 78

Call 6 Information Days International Cooperation

GRID / Digital Interactive Broadcasting / Mobile Convergence

- **Brussels, 27 January 2006**
- **Shanghai, 22 February 2006**
following the **Grid@Asia Workshop**
→ <http://www.gridasia.net>
- **Beijing, 23 February 2006 – To be confirmed**
- **Sao Paulo – 2nd February 2006 – To be confirmed**
→ <http://cordis.europa.eu.int/ist/audiovisual>

Call 6 Information Days International Cooperation

GRID / Digital Interactive Broadcasting / Mobile Convergence

- Brussels, 27 January 2006
 - Hotel Carrefour de l'Europe, Brussels
 - 9:00 – 10:00 : Registration & coffee
 - 10:00 – 12:30 : Plenary session : International cooperation
 - 12:30 – 13:30 : Lunch time (not provided by the Commission)
 - 13:30 – 17:00 : 2 parallel sessions
 - GRID Technologies
 - Digital Broadcasting / Mobile Convergence
 - Experiences from existing co-operation initiatives
 - Proposer's forum : Opportunity to present proposal ideas
 - Written expressions of interest can be published on the internet site

Networked Audiovisual Systems - Newsletter

Audio
Visual News



<http://cordis.europa.eu.int/ist/audiovisual/pub/newsletter.htm>

IST Program: Latest News & Information

■ [Report on the results of the first annual technical review of the IST projects in the field of Networked Audio-visual Systems](#). The report provides an analysis of the major research themes in the area, and highlights some of the major achievement over the past year of work. It also provides a profiling of the research activities and the projects of the unit after one year of existence in terms of their research strategy and further identifies future research needs in the networked audio-visual sector.

■ On 6 April 2005 the European Commission announced its [proposals for the 7th Framework Programme \(FP7\) for EU research](#). It is accompanied by a Communication entitled "Building the ERA of knowledge for growth" setting out the policy objectives. A [Competitiveness and Innovation Framework Programme \(CIP\)](#) is also proposed grouping all Community actions in the field of innovation and competitiveness.

■ The Networked Audiovisual Systems unit organises a [consultation of all interested sector actors](#), the goal of which is to define R&D challenges addressing the networked audio-visual sector needs and EU priorities for collaborative projects supported under the ICT priority of the Seventh Framework Programme (2007- 2013).

The authors of the most interesting and relevant contributions to the consultation will be invited to discuss their views at an ensuing workshop planned in October 2005. DEADLINE for the consultation is 30 JUNE 2005.

New documents

■ Invited [presentations of the workshop on the technological developments, market opportunities, regulations and policy of DVB-H](#) organised in Brussels on the 25th of May by the [Networked Audiovisual Systems](#) unit of the European Commission.

■ Presentation on the results of a [simulation study of coverage planning in DVB-T/H](#) performed by the INSTINCT project.

■ Presentation by Jean-François Buggenhout in the DVB World 2005 "[From HD to Handheld](#)" International Conference, Dublin, 2-4 March, 2005.

■ [The Public launch of eMobility](#), the Mobile and Wireless Communications Technology Platform, took place in Brussels on 18 March 2005, Brussels.

■ Presentation by Jeanne De Jaegher at "[Vision of the Future](#)" NGN@Home workshop (ETSI, Sophia-Antipolis, 7 April) on the need for synergies between research and standardisation in home platforms and services.

■ Proceedings of the one day workshop entitled "[Towards reaching consensus on Digital Rights Management](#)" organised by the European Commission on the 6th April, 2005.

■ The European Commission has adopted a Communication on [Accelerating the transition from analogue to digital broadcasting](#).

Interesting Events, Conferences & Workshops

■ A [European HDTV Conference](#) is being organised by the Luxembourg Presidency in collaboration with the European Commission. The conference will be held in Luxembourg on 7 June 2005.

■ 19-23 June 2005 [IST Mobile & Wireless Communication Summit 2005](#) Dresden, Germany



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