



CONTENTS

Page

▪ Editorial	1
▪ FP6 NAVSHP Projects Progress	2
▪ NEM Workshop	3
▪ NAVSHP New Media Council	3
▪ Concertation	4
▪ BIP Column	4
▪ Events	5
▪ Of interest to NAVSHP	6

AVISTA PARTNERS



AVISTA Project
 November 10th, 2004
avista@rose.es
<http://www.rose.es/navshp>

EDITORIAL

AVISTA Project welcomes Mr. Joao da Silva as Director of Directorate D: Communication Networks, Security & Software. Applications



Joao Schwarz da Silva joined the European Commission in 1991 where he has been Head of Unit for Mobile and Satellite Communications for many years as well as Head of Unit for Networked Audio-Visual Systems, Home Platforms. Currently he is the Director for Communication Networks, Security and Software – Applications in the Directorate General "Information Society".

He was instrumental in the development of Universal Mobile Telecommunications Systems, UMTS, is a recipient of the UMTS Forum Chairman's award, granted for the best individual contribution towards UMTS and was involved in the development of reconfigurable radio and 4th Generation system concepts. At the ITU, which he joined in 1982, he served as Head of division responsible for the development of the HF Broadcasting Planning System. Between 1971 and 1982 he worked for the Ministry of Communications, Canada. Joao Schwarz da Silva received a PhD on the Performance Analysis of Mobile Packet Radio Systems from Carleton University, Ottawa.

AVISTA Project welcomes Mr. Luis Rodríguez-Roselló as new Head of Unit D2: Networked Audiovisual Systems, Home Platforms for Rich Media Communication



Luis Rodríguez-Roselló holds a degree of Telecommunications Engineering (Universidad Politécnica de Madrid). After some years of professional activity as engineer at a private company and as full professor at the Faculty of Telecommunications and Engineering Madrid in Computer Science and Control Systems. He was Director of the Research and Development Department at the ITE (Institute for Technologies in Education) of the Ministry of Education in Spain and Principal Advisor for the Programme of New Technologies. He was appointed later on Head of the International Department of the CDTI (Centro para el Desarrollo Tecnológico e Industrial).

He joined the European Commission in 1989 as Head of Division in Directorate-General "Telecommunications, Information Market and Exploitation of Research" as responsible for the R&D Programme DELTA (Developing European Learning through Technological Advance) and chairman of the DELTA Programme Committee initially, and later on of its follow-up within the new Framework Programmes "Telematics for Flexible and Distance Learning". Research Networking and Telematics Engineering were added to his responsibilities. He also headed the Educational Multimedia Task Force of the European Commission. He was acting Director in 2003 and 2004 of Directorate "Emerging Technologies, Infrastructures. Applications" of Directorate General Information Society, a new Directorate he had been entrusted to set up. Domains of responsibility encompassed basic research (Future and Emerging Technologies), Grid Technologies, Research Infrastructures and application areas related to inclusion and New Working Environments. He was chairman of the Research Infrastructures Committee. He was appointed in 2004 Head of the Unit "Networked Audiovisual Systems & Home Platforms". He is the author of numerous books, videotapes, educational software, articles and speeches on his main areas of work in his professional career, from technological research to strategy papers on European Research.

DG INFO NAVSHP Newsletter

The first issue of the DG Information Society newsletter in the field of Networked Audio Visual Systems and Home Platforms for rich media communications is now available at http://www.cordis.lu/ist/directorate_d/audiovisual/pub/n/newsletter1.htm. This newsletter is intended to provide updated information on the activities organised in this fields in the context of the IST (Information Society Technologies) research program of the European Commission.

All future editions of this bimonthly newsletter will be sent (via email) **ONLY** to those that subscribe to it. Please use the following link to subscribe or unsubscribe to our newsletter http://www.cordis.lu/ist/directorate_d/audiovisual/pub/newsletter.htm.



FP6 NAVSHP Projects: Progress and research activities

ENTHRONE

An important milestone has been reached for ENTHRONE, with the overall systems requirements and architecture been finalised, in the form of 5 deliverables: "Overall System Requirements and Functional Architecture Specification", "Metadata Definition and Specification", "Demonstrator Definition", "IMS Architecture Definition and Specification" and "Overall Network Architecture". Other deliverables finalised are "Technology for the End Terminal QoS", "QoS Management and Media Item Adaptation in MPEG-21 Terminals", and the interim "Draft Business Models & Use Cases".

Several papers on the ENTHRONE architecture have been presented at Networking 2004 - NGNM04, IST 13th Mobile Summit 2004, 8th WSEAS, ICETE 2004, 16th Human-Machine Interface Conference, EUSIPCO-2004. ENTHRONE was also represented at the annual meeting of ISO/TC 37 on Metadata. Standardisation activities include DVB-IP, IETF NSIS and MIDCOM, MPEG 69, SC29, MPEG 70, VQEG.

COHERENT

Two project meetings have been organised so far: Kick-off in Budapest at the beginning of the year combined with Holografika's holographic display technology demonstration for the participants, and the Consortium meeting at CRS4 in June 2004, discussing the status of project deliverables and action plan for the rest of the year.

The results obtained in the first 6 months are the deliverables D4: Initial User Requirements and D8: System Specification Document. The first version of D11: Specification for 3D interaction SDK has also been completed by September. On the web site of the project the following public deliverables have been published in September 2004: State-of-the-art Report recent and on-going 3DAV and Web3D standardisation work, State-of-the-art Report on 3D Collaborative Systems and Evaluation Criteria.

MCDN

The mCDN project develops an open content delivery platform that will enable optimised discovery and delivery of personalized multimedia content services tailored to the client-device and network capabilities. User requirements have been defined taking into account various target groups namely: Content Providers, Network Operators, Service Providers and Enterprises (for Enterprise CDNs). Based upon user requirements, application scenarios and specifications for the demonstration of the seamless content delivery have been also developed.

Technical achievements also included the definition of mCDN entities and interactions, the mCDN open architecture definition and content oriented services design and implementation, using UML as the preferred modelling language. The consortium continues to work full steam for the first trials (test-bed description, interoperability, evaluation guidelines and integration plan of which has also been defined).

MEDIANET

The MediaNet project aims at enabling multimedia applications over a common reference architecture. As one of the first applications designed to validate this common infrastructure, AmigoTV allows viewers of broadcast television to communicate in real time over a favourite TV broadcast content with friends watching the same channel. The AmigoTV concept brings together personal content, rich communication and community support. Personal content includes animated photos, movies, but also content people like or recommend, e.g., the broadcast of a football game. People can use all forms of communication they use in daily life: voice, text, video, gestures, showing emotions etc. All enabling features needed for social networking, like a buddy list, rich presence, invite a friend function, or a calendar, are included. MediaNet will present first results at the Net-atHome™2004 in Nice, France.

SIVSS

The SIVSS - Scalable Intelligent Video Server System project has gained momentum recently and is meeting its objectives in what is ground breaking technology for the digital video/server market. SIVSS research concentrates on an open architecture and defines a completely new way of working with large media files. To date the SIVSS partners; Thomson Broadcast & Media Solutions, Simula Research, FORTH- Foundation for Research & Technology Hellas, Hi-Stor Technologies, O-Mass, GlassHouse Technologies and Xyratex have identified the boundaries of this project and developed some extremely interesting technology which will eventually lead to dramatic reductions in cost of large scale video distribution, editing and security systems. Clear progress has been made in the following areas: defining the architecture, defining the software and hardware and defining the dissemination activities. SIVSS was presented to the ASI community on 8th November 2004 in Munich.

DANAE

In October at the Palma meeting, DANAE participated in the MPEG Scalable Video Codec activity where it submitted one proposal (M11363) fully answering the scalability scenarios. This major effort leverages an AVC baseline as well as spatial and temporal wavelet coding and is the result of joint work between DANAE and Thomson. It is also worth noting that DANAE also coordinated SVC Core Experiments.

Furthermore, DANAE has actively participated in the MPEG LASER activity through several contributions both on requirements and technical improvements to the specification. LASER targets at graphics for mobile devices. This activity has reached the Final Committee Draft (FCD) status at the MPEG meeting. DANAE has also actively participated to MPEG-21 Digital Item Processing, MPEG-21 Binarization, MPEG-21 Digital Item Adaptation and MPEG-4 AFX (physically based modeling and shadow) activities through its contributions and participation in several Core Experiments. Finally DANAE has participated to the DRM concertation group meeting held on October 24th in Palma de Mallorca, where a presentation of DANAE's DRM scope and requirements was made.

FP6 NAVSHP Projects Websites

IP

- ENTHRONE
<http://www.enthrone.org/>
- EPERSPACE
<http://www.ist-eperspace.org/>
- INSTINCT
<http://www.ist-instinct.org/>
- MEDIANET
<http://www.ist-medianet.org/>
- PULSERS
<http://www.pulsers.net/>

NoE

- E-NEXT
<http://www.ist-e-next.net/>
- VISNET
<http://www.visnet-noe.org/>

STREP

- COHERENT
<http://www.coherentproject.org/>
- DANAE
<http://danae.rd.francetelecom.com/>
- MCDN
<http://www.comtec.e-technik.uni-kassel.de/content/projects/mcdn/>
- METACAMERA
<http://www.metacamera.com/>
- MHP-CONFIDENCE
<http://www.irt.de/mhp-confidence/>
- MHP-KDB
<http://www.mhp-knowledgebase.org/>
- OLGA
<http://www.extra.research.philips.com/euprojects/olga>
- SEMANTIC HIFI
<http://shf.ircam.fr/>
- SIVSS
<http://www.sivss.org/>
- TEAHA
<http://www.teaha.org/>
- TIRAMISU
<http://www.tiramisu-project.org/>
- UNI-VERSE
<http://www.uni-verse.org/>
- WCAM
<http://www.ist-wcam.org/>

SSA

- AVISTA
<http://www.rose.es/navshp/>
- BIP
<http://www.ist-bip.org/>



NAVSHP NEW MEDIA COUNCIL

Ongoing work of the NAVSHP New Media Council

Though for the last three meetings of the NAVSHP New Media Council, the N2MC members have been pre-occupied with preparing the base document for the potential new Technology Platform in the NAVSHP domain and collaborating in the definition of the NEM Initiative, they are now taking on in more detail the issues agreed at the start of work of the Council. These are essentially the following:

1. To review, from outside, those directly involved with the projects, the progress made in the projects currently underway concerning networked audiovisual systems and home platforms, to provide advice about directions of work, suggest areas of cooperation between projects, and how the results of the work can best be exploited by standards bodies. Among other tasks, the N2MC will:

- help standardization efforts by projects,
- encourage participation in events in which Commission projects take part,
- provide advice on directions of the work and cooperation between projects.

2. To discuss and plan the need for events or publications which will help to maximize the value of the work being done.

3. To provide an occasion when senior executives can meet to discuss issues of mutual concern, such as the relationships between different standards bodies.

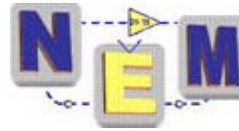
For further information about the
NAVSHP New Media Council:

<http://www.rose.es/newmediacouncil>



David Wood
N2MC Chairman

NEM WORKSHOP



The Networked and Electronic Media Industrial Initiative (NEM Initiative) will hold its public launching workshop on 3rd December 2004 in Nice, France (Palais de la Méditerranée).

The NEM (Networked and Electronic Media) Initiative represents the convergence of existing and new technologies, including broadband, mobile and new media, across all ICT sectors, to create a new and exciting era of advanced personalised services. The NEM initiative has emerged from discussions in the New Media Council (NMC). Whereas the NMC is progressing with advising and supporting projects under FP6, the NEM is now a separate initiative focused on creating a strategic agenda for European research in the Networked and Electronic Media sector for the next 10 years.

The NEM Initiative is an industry-led initiative to promote and direct the large-scale co-ordinated research and development work that is needed to accelerate the pace of innovation and rate of technology evolution to the level that will place European Industry at the forefront of the technology and give users an incredible choice of services. These NEM services will be an innovative mix of various media forms, delivered seamlessly over technologically transparent networks, to improve the quality, enjoyment and value of these services for the end users.

The industries already supporting the NEM initiative include major equipment manufacturers, leading network operators (telecom and broadcasting), media distribution representatives, terminal producers and content producers. Together this group can develop a synergetic strategy that accelerates the development and distribution of advanced services to dramatically improve the quality of life of the users and the economic well-being of the industrial community in Europe.

This industrial sector is critically important for Europe as much of our economic growth currently comes from the development of advanced services. It has been predicted that up to 20% of future European GDP growth will come from telecommunications and audiovisual related services. Europe cannot forgo this opportunity to prepare a long-term research agenda, including national programmes, Eureka Programmes and the EC Framework Programme 7 and expect to remain competitive. The core objective of this initiative is to maximise the return we can collectively get from our research investments.

The NEM launch workshop will take place on the 3rd December 2004 in Nice (France), at Palais de la Méditerranée 15, Promenade des Anglais. Tel +33(0)492147700, <http://www.lepalaisdelamediterranee.com>, directly following the Net-atHome™2004 Conference/Exhibition (30th November to 2nd December) and the NAVSHP Concertation meeting (30th November & 2nd December). This workshop will allow NEM to analyze the evolution of the sector, define its goals and discuss the projects to attain these objectives.

This event will involve presentations from the EC commission and the senior executives of the leading industrial organisations who wish to see European industry taking up this opportunity to improve our global competitiveness. NEM Initiative working group includes representatives of Alcatel, EBU, Eurescom, France Telecom Intel, Nokia, Philips, Rose, Telefonica, Thomson and Homega Research. A number of additional companies are already participating in the definition of the NEM vision.

Up-to-date information on NEM Workshop agenda will be available shortly on the NEM website, <http://www.nem-initiative.org> where it is possible to download the draft NEM vision document.

Registration for the workshop can be made on the NEM website. For any further information please contact the NEM initiative at info@nem-initiative.org.



The BIP Project



In the framework of the BIP IST Project - a EC funded Specific Support Action managed by Homega Research (<http://www.homega-research.com>) - Projects of the D2 Unit's portfolio are invited to actively participate in the Net-atHome™2004 event, the premier international conference and exhibition in Europe covering the worldwide markets for connected homes (home networks and gateways, connected appliances, value added services).

Similarly to the participation conditions set for Net-atHome™2002 and Net-atHome™2003, IST Projects of the D2 Unit's portfolio can benefit from complementary conference passes and exhibition booths. Net-atHome™2004 will be held on December 1 & 2, in Nice, France. As of November 8, almost 50 D2 Project representatives have benefited from free passes to the conference and 9 exhibition spaces have been allocated to IST Projects of the D2 Unit's portfolio. TEAHA, MEDIANET, Semantichifi, PULSERS, and INSTINCT Projects have also been invited to contribute to the conference program by presenting papers on their respective initiatives. Mr Joao Da Silva (Director, Directorate D) has also kindly accepted to give a keynote address in the opening session of the conference (Dec. 1).

In order to maximise their stay in Nice, Project representatives are also invited to attend the D2 Concertation meeting (co-located with Net-atHome™2004), organised in close collaboration with the AVISTA Project, on November 30 & December 2, 2004.

ENTHRONE, TEAHA, ePerSpace, and VisionAIR Projects have taken the opportunity of the Net-atHome™2004 event to organize co-located events on November 30 (ENTHRONE Expert Panel Meeting, TEAHA Open Forum, ePerSpace Open Forum and VisionAIR Workshop).

Preferential rates are offered at the hotel where all these events will be held (Palais de la Méditerranée, Nice). For more detailed information about the D2 Concertation Meetings, please visit <http://www.ist-bip.org> or contact info@ist-bip.org. To get free passes for the Net-atHome™2004 Conference & Exhibition <http://www.net-at-home.com>, please contact info@ist-bip.org. For hotel accommodation, visit <http://www.Net-atHome.com/accommodation.php>.

CONCERTATION



1. Follow-on of Barcelona Concertation Meeting (June 7th and 8th, 2004).

This third Concertation Meeting within the FP6 era was held in Barcelona on June 7th and 8th, 2004, organized by AVISTA Project in association with the European Commission D2 Unit (Networked Audiovisual Systems and Home Platforms - NAVSHP) and supported by BIP project. Telefónica I+D and University Pompeu Fabra hosted the meeting.

The Concertation Meeting was chaired by the Concertation Process Chairman: Christoph Dosch (IRT). The main goals pursued with this Concertation Meeting were the following:

- Presentation of the NAVSHP projects portfolio analysis.
- To inform about the work towards launching an European Technology Platform.
- Discussion of the 3 Coordination Groups (DRM, QoS, Home Platforms).
- Exchange of views among projects.
- To define future Concertation activities.
- To plan how to be active in the participation in events, conferences, exhibitions and demonstrations.
- To propose future meetings and venues.

The possibility of creating additional Coordination Groups was proposed in the course of this discussion.

The launch of a new Coordination Group on 'Media processing and content related matters' was proposed. Projects interested in this CG were invited to circulate its draft approach. This CG has currently been created and it will be set up formally at the next concertation meeting. It will be named 'CG-4: Content Media Processing' and its Convenor will be Prof. Wladyslaw Skarbek from Warsaw University of Technology.

It was proposed the additional creation of a new CG on 'Metadata', but no Convenor has been suggested so far. The option is open to proposals from interested projects or individuals to conduct this tentative CG.

2. CG-1 DRM Meeting in Palma de Mallorca (October 24th, 2004)

Delegates from six FP6 NAVSHP Projects (SSA AVISTA, IP MEDIANET, STREP TIRAMISU, IP ENTHRONE, STREP DANAE, NoE VISNET) chaired by Leonardo Chiariglione, are joining efforts in the framework of Coordination Group 1 (CG1-DRM), to release a DRM Requirements Report by December 2nd, that shares the common view of these FP6 Projects on the requirements for the future of DRM in the European Audio-Visual sector. Initially designed to express the common view of NAVSHP in DRM, the authors are planning to submit this report to the consideration of other FP6 Priorities, so that it may reach the status of a DRM Requirements Report for the complete FP6 programme.

3. Objectives of Nice Concertation Meeting (November 30th and December 2nd, 2004)

The next Concertation Meeting will take place in Nice on 30th November and 2nd December, 2004. This meeting will be organised by BIP Project in cooperation with AVISTA Project. The main items planned to be addressed in this meeting are the following:

- Inputs from BIP and AVISTA about the Concertation Process in 2004
- Inputs from the European Commission on Concertation
- Progress in the Coordination Groups discussions:
 - CG-1: DRM (convenor L. Chiariglione): 2nd December
Presentation and approval of the FP6 DRM Requirements document
 - CG-2: QoS (convenors D. Abraham and D. Hutchison): 2nd December
 - CG-3: Home Networks & Platforms (convenor R. Torrenti): 30th November
 - CG-4: Content Media Processing (convenor W. Skarbek): 2nd December
- Discussion on the workplan of Concertation Meetings in 2005
- Plans about exhibitions and demos of FP6 NAVSHP projects in 2005



Relevant Events and Conferences (1/2)

The following events and conferences have been identified as relevant to the Audiovisual Systems and Home Platforms Strategic Objective:

- OMA meeting.
Barcelona, Spain.
November 14--19, 2004
<http://www.openmobilealliance.org/index.html>
- IST Event 2004. "Netherlands Congress Centre".
The Hague, Netherlands.
November 15-17, 2004
http://europa.eu.int/information_society/newsroom/cf/itemlongdetail.cfm?item_id=1353
- Wireless Broadband Forum. Workshops.
Cambridge, United Kingdom.
November 16-17, 2004
<http://www.wirelessbroadbandforum.co.uk/>
- Romania National Broadband Convention.
Bucharest, Romania.
November 16-17, 2004
<http://www.cablu.org/>
- TELCO TV. Delivering the triple play - "video, voice and data".
Orlando, Florida, USA.
November 16-18, 2004
<http://www.telcotvonline.com/telcotv04/>
- MIPS 2004 - International Workshop on Multimedia Interactive Protocols and Systems.
Grenoble, France.
November 16-19, 2004
<http://mips2004.imag.fr/>
- SIMO TCI, International Data Processing, Multimedia and Communications Show.
Madrid, Spain.
November 17-19, 2004
<http://www.simo.ifema.es/ferias/simo/generali.html>
- Workshop on Affective user Interface for ubiquitous computing and Smart Environments.
Wollongong, Australia.
November 21, 2004
<http://www.vhml.org/workshops/ozchi2004>

EVENTS

IST Event 2004 The Hague, "Netherlands Congress Center" 15-17 November, 2004



This year's edition of the most important European Information Society Technologies (IST) event is organised under the EU's Dutch Presidency by the European Commission in partnership with the Dutch Ministry of Economic Affairs. The event will include a conference, an exhibition of research results and networking facilities for the about 4000 participants. The overall themes are "People" and "Economy".

The **Conference** - with 30 sessions- will look at ways to harness information and communication technology (ICT) to enhance the prosperity, security and quality of life for all Europeans. The **Exhibition** - with around 130 stands on an area of 8500 sq. m- will show how ICT enables new ways of living, working together, communicating, entertaining, and ensuring that every citizen benefits from the knowledge-based economy.

The following **Conference workshop** is of particular interest to the NAVSHP Research Community: The Evolving Consumer Value Chain: Extended Home Environment and DRM Challenges.

Date/Time: 16/11/2004 (14:00 - 16:30)

The **IST Work Programme 2005-06** will be presented: the Strategic Objectives, the priorities, the instruments and the details of how to make a proposal.

The **Networking Sessions** - about 80 sessions- will bring participants together to discuss project ideas, research activities and business partnership. Among the most relevant for NAVSHP:

- **Networked Audiovisual Systems and Home Platforms, the road ahead**
Date/Time: 15/11/2004 (16:00 - 17:30)
Coordinator: Bartolomé Arroyo-Fernández (European Commission)
- **Towards the Launch of a Pan-European Networked Electronic Media Initiative**
Date/Time: 16/11/2004 (9:00 - 10:30)
Coordinator: Julián Seseña (Rose Vision)

For further information: http://europa.eu.int/information_society/istevent/2004/

Net-atHome™2004 Week Palais de la Méditerranée, Nice 30 November – 2 December, 2004



DATE	EVENTS
Tuesday, November 30 th	<ul style="list-style-type: none"> • Net-atHome™2004 Pre-conference Workshop • TEAHA Open Forum • VisionAIR Workshop • ePerSpace Open Forum • ENTHRONE Experts Panel Meeting • SmartHouse Forum • D2 Concertation Meeting Coordination Group 3 • Net-atHome™2004 Exhibition Setup
Wednesday, December 1 st	<ul style="list-style-type: none"> • Net-atHome™2004 Conference and Exhibition • Net-atHome™2004 Cocktail Reception
Thursday, December 2 nd	<ul style="list-style-type: none"> • Net-atHome™2004 Conference and Exhibition • D2 Concertation Meeting Coordination Group 1 • D2 Concertation Meeting Coordination Group 2 • D2 Concertation Meeting Coordination Group 4 • D2 Concertation Meeting Plenary Session • D2 Unit Networking Event
Friday, December 3 rd	<ul style="list-style-type: none"> • NEM Industrial Initiative Workshop



Relevant Events and Conferences (2/2)

- IDATE. Workshop Broadband for all. Montpellier, France. November 24, 2004
<http://www.idate.org/jii04/pdf/Broadband.pdf>
- IDATE. International Conference: Internet, Act II. Montpellier, France. November 25-26, 2004
<http://www.idate.org/>
- Asia Media Festival 2004. Singapore. November 22 – December 3, 2004
<http://www.asiamediafestival.com/>
- Information on the Allocation, availability and use of radio spectrum in the Community. Brussels. December 1, 2004.
http://europa.eu.int/information_society/topics/radio_spectrum/highlights/workshop_info_spectrum/index_en.htm
- DIGITAL TV: the next step. BAFTA. London, UK. December 1, 2004
<http://www.twoconferences.com/>
- Asia TV Forum 2004. Singapore. 1-3 December, 2004
<http://www.asiatvforum.com/>
- European Media Leaders Summit 2004. Defining strategies for Broadcasting and Communications. London, United Kingdom. December 7-8, 2004
<http://www.medialeades04.com/>
- BREAD. BROADBAND EUROPE. Bruges, Belgium. December 8-10, 2004
http://www.ist-bread.org/events_item.asp

All projects interested in participating as exhibitors in some of these events (or any other one not included here) please contact to AVISTA project in order to select the most appropriate events as well as to coordinate their exhibitions as far as possible.

Of interest to NAVSHP

An Introduction to COPRAS

A consortium of the European Standards Organizations and major international specification providers has been put together to improve the research/standards interface through the CO-OPERATION PLATFORM FOR RESEARCH AND STANDARDS (COPRAS).

In the fast-moving world of information and communications technologies (ICT), research and standardization are closely inter-linked. Technologies need standardization, preferably global standards, in order to be fully exploitable by the market, and the results of near-market research need to be brought into the standards environment as quickly as possible to ensure interoperability.

COPRAS is a 3-year Support Action under the European Commission's Information Society Technologies (IST) Programme. The members of the COPRAS consortium are the officially recognized European Standards Organizations - CEN, CENELEC, ETSI, together with The Open Group and the World Wide Web Consortium (W3C). All are members of the ICT Standards Board (ICTSB), the co-ordinating forum for European ICT standardization. The ICTSB will be kept regularly informed of the progress and will discuss the emerging research results to ensure they are directed appropriately.



The IST programme targets a number of key areas where research will help to increase innovation and competitiveness in European industry and to contribute to greater benefits for all European citizens. At the same time the standards programme under the eEurope initiative will facilitate the adoption of the research results and provide feedback about their acceptance and challenges in their use.

The COPRAS project will bring together these policy initiatives by surveying European Commission funded IST projects for standards-related technologies and providing information on standardization to help progress research results through appropriate standards bodies. It will also provide guidance for future calls under the European Framework Programmes to ensure that further research projects benefit from a harmonized, efficient and fruitful interface with standardization.

The COPRAS project will examine new standards-related technologies evolving from over 300 European Commission funded IST research projects under the Framework 6 Programme spanning 23 key technology domains. The European Commission has earmarked funding of over €3.6 billion for research in these areas.

For further information about this project: <http://www.w3.org/2004/copras/>

NAVSHP Projects Exhibitions in 2005 *Call to NAVSHP Projects*

One of the main AVISTA Project activities is related to the support to NAVSHP projects in the organization of demos and exhibitions: facilitation of demonstration of joint project results at major trade shows and special interests groups; identification of thematic topics; selection, evaluation and screening of projects' presentations; or developing and setting up of an organizational structure for major events.

The main goal of this activity is the technology transfer and dissemination of R&D results, showing how the different project achievements relate and complement each other and identifying their impact and role in advancing the state of the art.

Preferences about dissemination activities (interest to participate in national or international events –such as conferences, workshops, trade shows, specialized events, etc.) are very relevant as inputs to AVISTA project for the development of this task.

Please contact us as soon as possible expressing your interest in certain events (IBC 2005, IST 2005, etc.): avistaordinator@rose.es.