

FURIA: Futura Red Integrada Audiovisual

(Future Audiovisual Integrated Network)
Strategic and Singular Project

- Groups of excellence and sectorial technical coordination, composed by the most relevant actors in a specific technological field.
- Promoted by the Spanish Industry Ministry (*Ministerio de Industria, Turismo y Comercio, Ministerio de Educación y Ciencia y CDTI*) as the national equivalent to the European technological platforms.
- They are an instrument of public-private co-operation as identified by the European Union Council in its document of conclusions of the Spring Council, considered necessary to promote a greater growth and employment based in innovation.

Spanish Technological Platforms



AETIC organization is in charge of the offices of the following platforms:

- Network Audiovisual Technologies (eNEM)
- Technologies for Security (eSEC)
- Wireless Communications (eMOV)
- Satellite Communications (eISI)

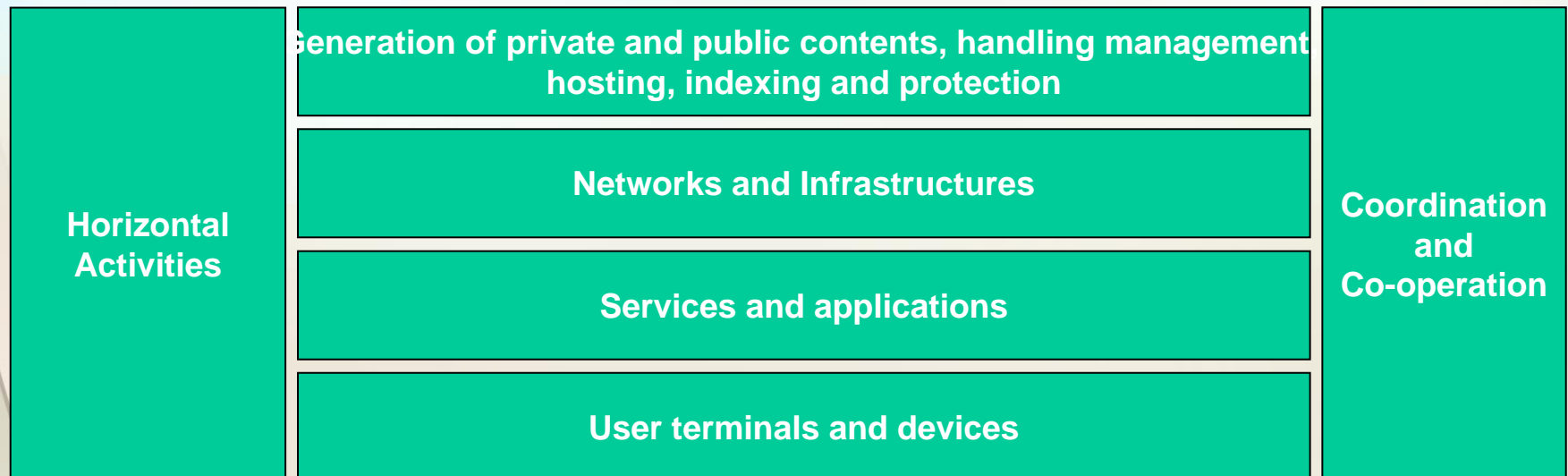
- ✓ The national technological platforms (NTP) must canalize proposals and contributions of small&Medium companies with big corporations and other organizations
- ✓ The NTP's main objective is to foster at national level technologies with high strategic value
- ✓ This movement is coordinated with other European initiatives
- ✓ eNEM Platform deals with the issues concerning Network Audiovisual technologies.

Goals and challenges of eNEM

- Achieve a structured sector
- Define priority strategic objectives for R&D activities and include them in the Strategic Research Agenda
- Support the Spanish ministry in the definition of R&D Programs
- Achieve collaborative sector over a set of common interests

Research Strategic Agenda

- One of the main objectives of the Research Strategic Agenda is to divide the sector into different areas of interest:



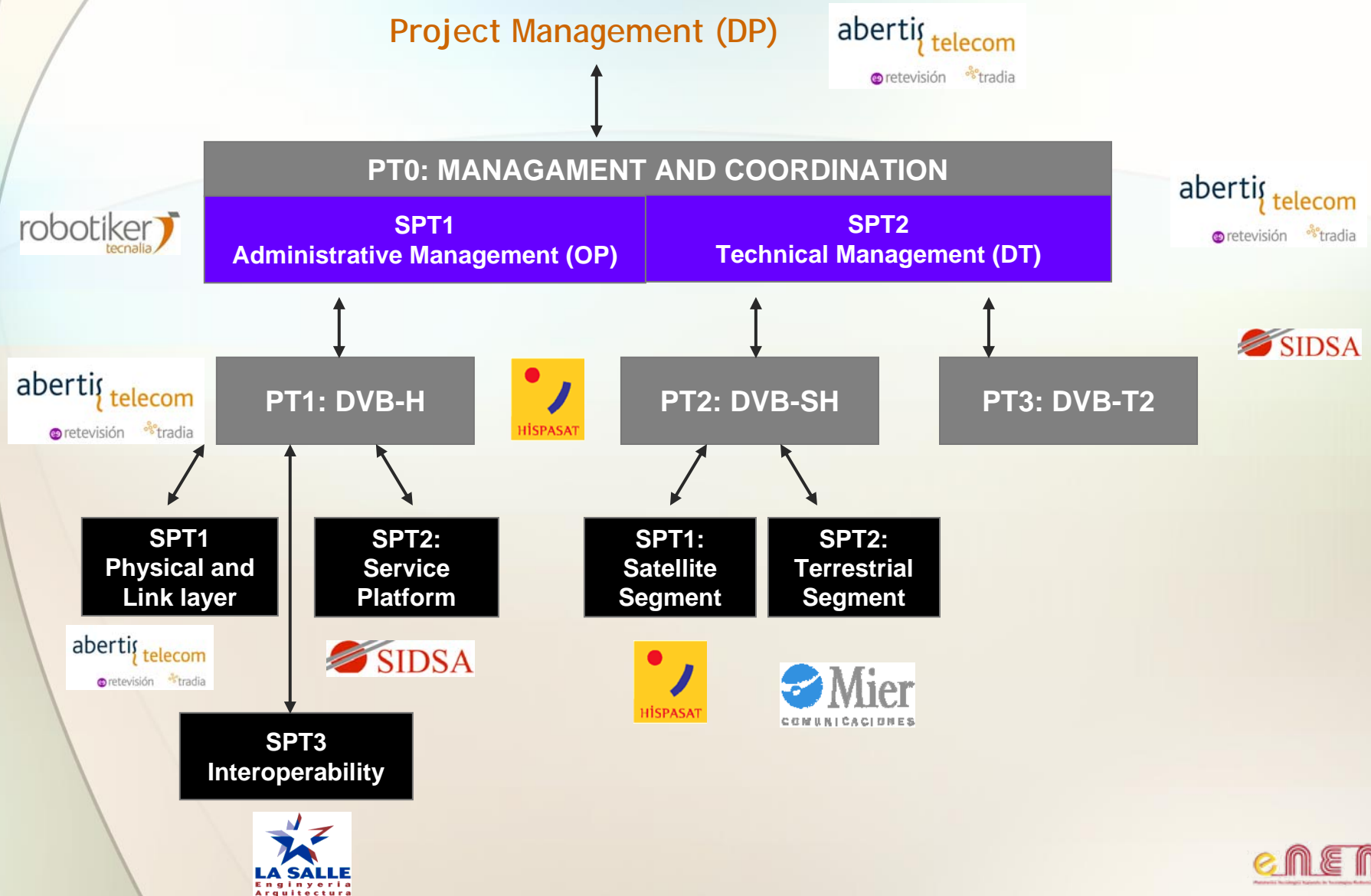
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- The FURIA project (Future Audiovisual Integrated Network), coordinated by Abertis Telecom, is an example of identification of necessities of the audiovisual sector.
- FURIA deals with strategic issues of the sector as defined by eNEM:
 - ✓ Networks and Infrastructures
 - Convergence of access and broadcast media technologies
 - QoS integration in networks
 - Design and planning of networks
 - ✓ Services and applications
 - Interactive Services for DVB-H
 - Convergence of the services
 - Transmission of Services and applications
 - ✓ Interoperability

- ❑ Form a strong Spanish consortium that will develop and validate the integration of the emerging technologies for the broadcast of media contents to fix/handheld terminals
- ❑ Coordinate with other international projects and organizations, via agreements or clustering, to support the leadership of European technological industry
- ❑ **Technological objectives:**
 - ❖ **DVB-H.** The commercial phase of DVB-H technology is almost a reality, however there are still some aspects to solve as well as continue ongoing studies. Interoperability at the different levels will be an important point.
 - ❖ **IPDataCast.** Once the physical and link layer have been defined it must be analyzed in detail the services that can be delivered over DVB-H as well as the signaling related aspects.
 - ❖ Hybrid Terrestrial-Satellite networks (**DVB-SH**). The objective is to study the aspect related with the dual convergence of the satellite and terrestrial platforms for the transmission of media services to handheld terminals.
 - ❖ **DVB-T2.** Study the aspects related with the “future DVB-T” and its application to High Definition services.

- **Consortium:** composed by 25 members (companies, universities and technological centers).
- **Composition:** 69% companies y 31% Technological centers and universities.
 - ✓ High participation of small and Medium companies (37%)
- **Budget:** 9.566.093 €
- **Duration:** 2006-2008 (founding has been granted for 2006 and 2007)

Furia - Structure



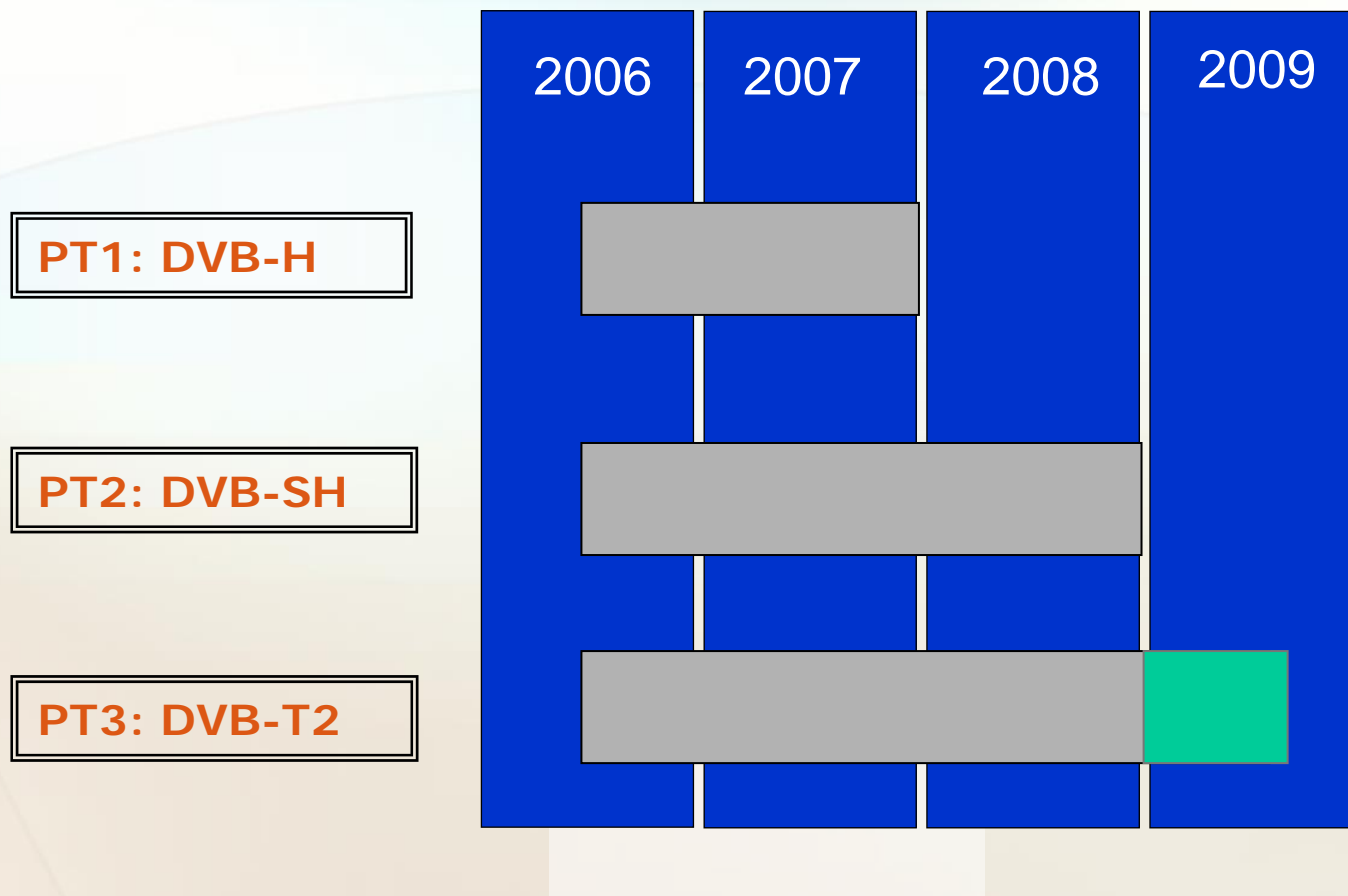
Furia - Participants



Ingeniería Electrónica
Y Comunicaciones



Furia - Schedule



For more information:

<http://www.furiapse.com>

Coordinator: Francisco Javier Marcos, Abertis Telecom

Francisco.marcos@abertistelecom.com