Euro-VO projects





Why Euro-VO

- European projects all along the VO life: AVO, VO-TECH, EuroVO-DCA, EuroVO-AIDA
- The European level provides co-ordination of European national VO project activities and the critical mass e.g. for dissemination in the community (astronomers and data centres) and outreach towards education.
- It is essential to reach stakeholders from all European countries. The VO gives equal opportunity to all to use the best data and tools. A powerful mean of European integration.
- Excellent results on co-ordinating technical activities and triggering cooperation on standards and tools.
- Dependent of European funding opportunities





Euro VO-ICE

- Euro-VO International Cooperation Empowerment
- A small « bridging » Coordination Action
 - Carry out European-wide and international co-ordination activities
 - Explore liaison with other disciplines
- 215 keuros, 4 partners (CNRS/CDS, ESO, INAF, UEDIN), coordinated with ESA-VO and other European VO projects
- Travel money only, for European and IVOA meetings
- Initially one year starting 1 Sept. 2010, extended to two years





Euro VO-ICE activities

- Strategy, governance and liaison (WP2)
 Science Advisory Committee, liaison with other disciplines, strategy
- Co-ordination of take-up activities (WP3)
 SAC management, Hands-on meeting, feedback on tools
- European and international coordination of technological activities (WP4)
 Techno Forums (2+1), participation in IVOA (4)
- Coordination of education and outreach activities (WP5)
- Final document: Medium Term Strategy for Euro-VO





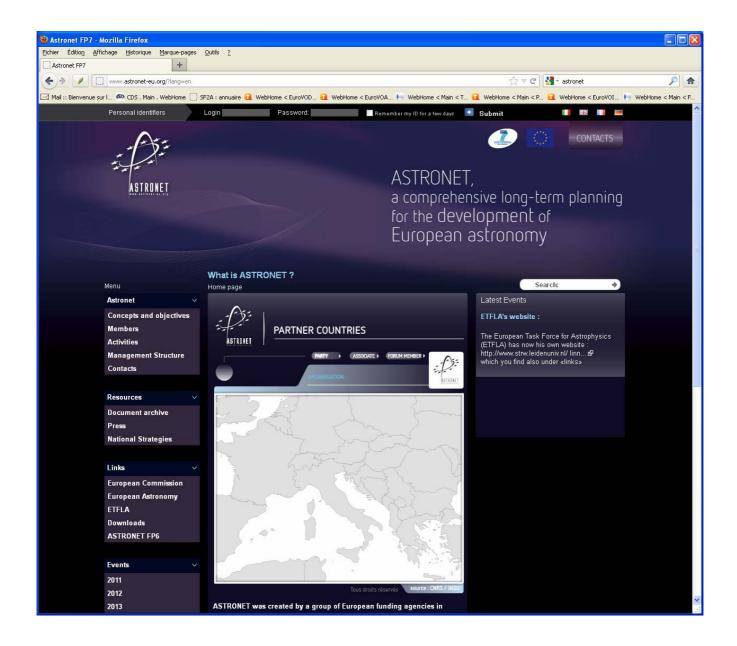




- Critical point for Euro-VO: sustainability
- Project proposed in November 2012: Collaborative and Sustainable Astronomical Data Infrastructure for Europe
- Objectives
 - Define concrete elements and coordination structures to prepare for a sustainable Euro-VO, in close collaboration with Astronet: the Astronet Roadmap recommends the evolution of the VO into a self-sustained structure funded on the long term
 - Continue European coordination, dissemination of VO knowledge and consolidation of education activities
- Currently in negotiation with EC, hoping to begin 1 September 2012
- Five partners (CNRS, INAF, INTA, UEDIN, UHEI), 475 keuros, 2 years











CoSADIE proposed strands of work (1)

- Maintain coordination and study all aspects of VO sustainability no money for technological development
- Increasing awareness and gathering requirements from users and data providers what are the medium-term needs to maintain community support

SAC, Hands-on School, Data Centre Forum

Particular attention to ESFRI projects (E-ELT, SKA, CTA), ALMA, LOFAR, very large surveys

 Coordinating technical activities and defining the technical needs to maintain the VO framework

Technology Forums, participation in IVOA, links to e-infrastructures such as GEANT, EGI, PRACE

What are the expertise and medium-term needs?





CoSADIE proposed strands of work (2)

 Outreach towards education and the general public interested in astronomy

Consolidation of tutorials & tools, study sustainability with contact points (Astronet)

• Strategy, governance and financial sustainability

Plan for future operation and funding (with Astronet)

Input to more general policies (Collaborative Data Infrastructure)



