

# Project overview

WP1 - Project management

WP2 - Strategy, co-operation and  
dissemination

# Project overview

# Project summary

## *Euro-VO Astronomical Infrastructure for Data Access*

- First FP7 Infrastructure call  
Scientific Digital Repositories
- 30 months  
1 February 2008 – 31 July 2010  
2.7 M€
- Integrated Infrastructure Initiative (I3)



# Project objectives

*EuroVO-AIDA ensures the transition of the European astronomical Virtual Observatory to operations*

- Large scale deployment by data centres
- Construction of a community of science users
- Definition/evolution of interoperability standards, relevance of new technologies

and Liaison with other communities

Outreach towards higher education and public

# Consortium members

- CNRS, France (CDS, France VO)
- European Space Agency
- European Southern Observatory
- INAF, Italie (Trieste, VObs.it)
- INTA, Spain (SVO)
- U. Groningen (NOVA)
- The University of Edinburgh (AstroGrid)
- U. Heidelberg (ARI, GAVO)

# Activities

- Management (WP1)
- Networking (WP2)  
Strategy, co-operation and dissemination
- Service (WP3, WP4, WP5)  
Support to data centres, users, outreach
- Joint Research Activities (WP6, WP7, WP8) (cf VO-TECH)  
Interoperability standards, DAL/DM/QL,  
Emerging technologies

# Service activities

- WP 3: Support to deployment (ESA)
  - Registry & curation tools
  - Support to data providers (preparation of workshops, on-line tutorials, visits)
  - Adaptation of tools
- WP4: provision of services to community (ESO)
  - AOs – first June 2008, second June 2009
  - Tutorials
  - Preparatory work for Workshops
  - Tools
- WP5: Higher education and outreach (INAF)

# Technical activities (JRA)

- WP6: Interoperability standards (AstroGrid)
- WP7: DAL/DM/QL (ESA)
- WP8: Assessment of emerging technologies (CNRS)
  - Web 2.0 for data centres (CNRS)
  - Semantics and ontologies (INAF with CDS)
  - Data mining (UEDIN)



# Schedule

- Kick-off 3 months  
February-April 2008
- Cycle 1 1 year  
May 2008 – April 2009
- Cycle 2 1 year **1 month left**  
May 2009 – April 2010
- Final Phase 3 months  
May 2010 – July 2010

# Past Deliverables (1)

## *Kick-off and first year activities*

- Preliminary Project Plan – April/June 2008
- Project Web site – May/July 2008 – TWiki operational for kick-off
- User requirement for outreach activity – May/July 2008
- First Announcement of Opportunity – June 2008
- First « Community Feedback Workshop » - December 2008

# Past deliverables (2)

## *First trimester 2009*

- First contractual report (activities of the first year)  
*First project review: 24 April 2009*
- Euro-VO Registry of resources
  - Euro-VO registry Nov. 2008 > January 2009
  - Compliance with v1.1 mid-March 2009
  - Registry Curation tools (due January 2009 –delayed to November)
- « Hands-on » Workshop – 30 March-2 April

# Past deliverables (3)

## *Cycle 1 reports*

- First release science tutorials – April/May 2009
- First release educational/outreach material – April/May 2009
- JRA reports (WP6, WP7, WP8) – April/July/Sept. 2009
- EuroVO-AIDA teams (partners) participation to Interops – May/June/Sept. 2009

## Past deliverables (4)

- Revised project plan May/Sept 2009
- Report of astronomical disciplinary model for knowledge infrastructure – May 2009 > **delayed to a ‘final’ deliverable – evolution towards operations (IVOA, VO projects)**
- Data Centre Workshop – June 2009
- Second AO – June 2009
- Release of tutorials for data centres – July/Aug. 2009

# Recent deliverables

- Registry Curation tools – Nov 2009
- Second « Community Feedback »  
Workshop – Nov 2009 > January 2010  
Hands-on aspects added
- Second contractual periodic report –  
Feb/Apr 2010

*Second project review 30 March 2010*

# Final products and activity reports

- Final release of science tutorials April 2010
- Final release of educational/outreach tools April 2010
- Report on participation to Interops May 2010
- WP6-WP7-WP8 Final reports April 2010

# Final deliverables July 2010

- Final contractual report
- Final plan for the use and dissemination of foreground
- *Report on astronomy disciplinary model*
- Medium term strategic plan for Euro-VO
- Report on possible liaisons with other communities



# Major milestones

- Board and WPMT meetings
- SAC meetings
- EuroVO-AIDA Workshops
- *Technology Forums – provides interaction between the JRAs, prepare IVOA meetings*
- IVOA Interoperability meetings

# WP1 Management

# WP1 Deliverables and tasks

- Web site – TWiki – *please post information on meetings (schedule) and activities*
- Preliminary project plan (April 2008)  
Revised project plan (June 2009 > September)
- First periodic report – **on-going**

Date	Event Name	Organizer	Location	Link
2-4 June	F-VO School	CDS	Strasbourg, France	<a href="#">Meeting page</a>
17-21 May	IVOA Interoperability Meeting	CADC	Victoria, Canada	<a href="#">Meeting page</a>
30 April - 1 May	<b>End of Cycle 2 - Beginning of Final Phase</b>			
27 April	Dutch VO day	Kapteyn Institute	Groningen, The Netherlands	
9 April	Bonn VO day	University of Bonn	Bonn, Germany	
24-25 March	INAF - VO Day	OAPa	Palermo, Italy	<a href="#">VO-Day ... in Tour website</a>
22-23 March	INAF - VO Day	OACT	Catania, Italy	<a href="#">VO-Day ... in Tour website</a>
16-18 March	Fifth Euro-VO Technology Forum	UHEI/ARI	Heidelberg, Germany	<a href="#">Meeting page</a>
01-02 March	INAF - VO Day	OATe	Teramo, Italy	<a href="#">VO-Day ... in Tour website</a>
11-12 February	INAF - VO Day	OAFI	Firenze, Italy	<a href="#">VO-Day ... in Tour website</a>
09-10 February	INAF - VO Day	INAF OACN	Napoli, Italy	<a href="#">VO-Day ... in Tour website</a>
28-29 January	INAF - VO Day	IASF	Roma, Italy	<a href="#">VO-Day ... in Tour website</a>
26-27 January	INAF - VO Day	OATo	Torino, Italy	<a href="#">VO-Day ... in Tour website</a>
25 - 28 January	EuroVO-AIDA School: "Hands-on Community feedback Workshop"	Observatoire astronomique - CDS	Strasbourg, France	<a href="#">Web site</a>
21-22 January	Swiss VO day and local support	Observatoire de Geneve	Geneve, Switzerland	<a href="#">Webpage</a>

# WP2

## Strategy, co-operation and dissemination

# WP2 Objectives (1)

*Ensure all the project Networking Activities*

*Strong interaction with the other WPs*

*Complex WP with 5 strands of work*

# WP2 activities

WP2-1 Strategy definition

WP2-2 Workshops

WP2-3 Community dissemination

WP2-4 International co-operation on the  
definition of interoperability standards

WP2-5 Liaison with other communities

# WP2-1 Strategy definition

- Define the project program
- Oversee project development and monitor progress
- Oversees the scientific aspects
- Ensures external liaisons
  - Policy making level
  - Other communities
  - Other VO projects
- Medium term Euro-VO strategic plan – how to fit with EC strategy?



# WP2-1 Project programme/overseeing

- Board, WPMT, IST
- High level guidance: EuroVO-SAC
  - The SAC has been renewed and met in December 2009*
- Risk register, performance indicators
- Maintenance of the census produced by DCA – done during Cycle 2
  - Possibility to update the forms or to submit new forms
  - 26 updates on 69 data centres

## WP2-2 Workshops

- Major deliverables and milestones
- Dissemination of knowledge, gathering feedback, sharing of best practice (astronomers, data providers, partners' technical teams)
- Several types of Workshops

# Euro VO-AIDA Workshops

- 3 Science Workshops (ESO) - deliverables
  - Multiwavelength astronomy, ESAC, 1-3 December 2008
  - Hands-on workshop, ESO, 30 March-2 April 2009*
  - Hands-on Community Feedback, Strasbourg, 25-28 January 2010*
- 1 Data Centre Workshop (ESA) – deliverable
  - ESAC, 22-26 June 2009 (2007= DCA, ESAC; 2008 = DCA, ESO)*
- Technology Forums (UEDIN) - milestones
  - 2/year, 2008 = with VO-TECH (which may last six more months)
    - ✓ 17-20 March 2008, Strasbourg
    - ✓ 29 September – 2 October 2008, Cambridge
  - VO-TECH > AIDA transition**
    - ✓ 16-18 March 2009, Strasbourg
    - ✓ 22-24 September 2009, Trieste
    - ✓ **March 2010, Heidelberg**

# WP2-3 Community dissemination (1)

- WP2-3 – Community dissemination
  - More and more important at this phase of the project
  - Critical for the future for the community to buy advanced usage of VO tools
  
  - Participation in conferences (traditional dissemination medium)
    - EAS, RTN, etc (please keep track)

## WP2-3 Community dissemination (2)

- **MANY** VO-Days in AIDA countries and in other countries (Switzerland, Sweden), *e.g.*
  - VObs.it toured ALL Italian observatories
  - French VO school 2-4 June using the model of the January 2010
- Web pages, including tutorials from SA1 and SA2 – First release D4.2/D5.2 (April 2009)  
New tutorials from Workshops and tours  
New release for science tutorials April 2010

# WP2-4 IVOA standards (1)

- Networking activities linked to the JRA technical activities
- IVOA WGs
- IVOA Interop meetings are among the project milestones
  - Very active participation
  - Keep track of talks presented by the partners
  - D2.4 First yearly report on participation to Interops (May 2009 > September)

## WP2-4 IVOA standards (2)

- Several standards adopted as REC since the Trieste Technology Forum
- Strasbourg/Garching Interop: **science usage cases**
  - check with existing standards
  - priorities on standard development may be set by the IVOA Exec – Ex: DM
- A significant evolution of IVOA (again changing phase): on-going installation of a Standing Committee

# WP2-5 Liaison with other communities

- Other scientific communities
  - New FP7 projects: EuroplaNet II, heliospheric physics (HELIO), VAMDC
  - METAFOR, NMDB, Earth Observation (Fusco)
  - Digital libraries – DRIVER et al
  - EC concertation activities – very active participation
  - *Is it possible to define a global strategy on interdisciplinary work?* Better to concentrate on ‘nearby’ discipline to create a cluster
- IVOA ‘Liaison’ group



# Concertation activities

- EC organised Concertation meetings  
(Sophia-Antipolis), Barcelona, Lyon, Bruxelles  
Interoperability standards (IVOA as a standardizing  
body)  
FP7 strategy
- Participation to meetings on FP7 Work  
Programme
- Berlin<sup>7</sup> Open Access conference (December 2009,  
Paris)

Time	Session	Chairman	Speakers
9:00 - 10:30	From Subscription to Publication: Scenarios for a Transformation of Scholarly Communication	David Prosser (SPARC Europe)	<ul style="list-style-type: none"> <li>&gt; Chris Armbruster (Max Planck Digital Library)</li> <li>&gt; Ralf Schimmer (Max Planck Digital Library)</li> </ul> Panelists: <ul style="list-style-type: none"> <li>&gt; Nick Fowler, instead of YoungSuk Chi ( Elsevier)</li> <li>&gt; Caroline Sutton (Open Access Scholarly Publishers Association, OASPA)</li> <li>&gt; Stuart Taylor (The Royal Society)</li> </ul>
11:00 - 13:00	Practical challenges in moving to Open Access: a focus on research funders and universities	Frederick Friend (JISC)	panelists : <ul style="list-style-type: none"> <li>&gt; John Houghton (Victoria University)</li> <li>&gt; Alma Swan (Key Perspectives Ltd)</li> <li>&gt; Wolfram Horstmann (Bielefeld University)</li> <li>&gt; Johannes Fournier (DFG, German Research Foundation) and Anita Eppelin (German National Library of Medicine)</li> <li>&gt; Kurt de Belder (Leiden University)</li> <li>&gt; Robert Kiley (Wellcome Trust)</li> <li>&gt; William Nixon (Glasgow University)</li> <li>&gt; Bernard Rentier (Université de Liège)[net meeting]</li> </ul>
14:00 - 16:00	e-Infrastructures supporting Open Access to e-Science data	Laurent Romary (INRIA)	<ul style="list-style-type: none"> <li>&gt; Kostantinos Glinos (European Commission)</li> <li>&gt; Françoise Genova (Centre de données astronomiques de Strasbourg, Observatoire astronomique de Strasbourg)</li> <li>&gt; Jens Vigen (CERN)</li> <li>&gt; Heiko Tjalsma (DARIAH-Digital Research Infrastructure for the Arts and Humanities / DANS Data Archiving and Networked Services) and Andreas Gros (DARIAH-Digital Research Infrastructure for the Arts and Humanities / Max Planck Digital Library)</li> <li>&gt; Peter Stoehr (European Bioinformatics Institute)</li> <li>&gt; Jan Velterop (Concept Web Alliance)</li> <li>&gt; Eloy Rodrigues (Universidade do Minho)</li> </ul>
16:30 - 18:00	Open Access and Emerging Economies	Christoph Bruch (Max Planck Digital Library)	<ul style="list-style-type: none"> <li>&gt; Paulo Cezar Carvalho (IMPA, Instituto Nacional de Matematica pura e aplicada)</li> <li>&gt; Abel Caine (UNESCO)</li> <li>&gt; Ellen Tise (IFLA and Stellenboch University, South Africa)</li> </ul>
	Conference Cocktail		

Conference Berlin7 - Program

### Friday, 4 December 2009

Time	Session	Chairman	Speakers
9:30 - 10:40	Berlin Process: Status Reports by selected Signatories	Christoph Bruch (Max Planck Digital Library)	<ul style="list-style-type: none"> <li>&gt; Joao Moreira (Fundação para a Computação Científica Nacional, Lisbon)</li> <li>&gt; Panos Georgiou (University of Patras (Greece))</li> <li>&gt; Laurent Guillopé (CNRS Centre national de la Recherche Scientifique / Université de Nantes)</li> <li>&gt; Alain Kavenoky (Université Numérique Ingénierie et Technologie)</li> <li>&gt; Raymond Bérard (ABES Agence Bibliographique de l'Enseignement Supérieur)</li> </ul>
11:00 - 12:30	Open access, crossed views from scholarly communities	Pierre Bérard (Université Joseph Fourier, Grenoble)	<ul style="list-style-type: none"> <li>&gt; Sayeed Choudhury (Johns Hopkins University, Washington, DC)</li> <li>&gt; Françoise Genova (Centre de données astronomiques de Strasbourg, Observatoire astronomique de Strasbourg)</li> <li>&gt; Michael Kaiser (Stiftung DGLA)</li> <li>&gt; Urs Schoepflin, Simone Rieger (Max Planck Institute for the History of Science)</li> </ul>
	Closing Ceremony	> M. ZHANG Xiaolin and delegation (National Science Library, Chinese Academy of Sciences)	
14:00 - 15:45	Actualité du libre accès en France / Open access in the realm of French research	Jean-Pierre Kahane (Académie des Sciences)	<ul style="list-style-type: none"> <li>&gt; Laurent Guillopé (CNRS / Université de Nantes)</li> <li>&gt; Yannick Maignien (TGE Adonis)</li> <li>&gt; Marin Dacos (CLEO-Revues.org)</li> <li>&gt; Marc Minon (CAIRN)</li> <li>&gt; Thierry Bouche (Numdam)</li> <li>&gt; Viviane Bouletreau (Persée Université Lyon 2)</li> <li>&gt; Bénédicte Barbé (Sciences Po Paris)</li> <li>&gt; Christine Okret-Manville (Université Paris Dauphine)</li> </ul>

# Global strategy (1)

- Report on the astronomy model for knowledge infrastructure – May 2009 - delayed
  - Takes into account DCA final products (February 2009)
    - DCA medium term plan
    - DCA Census of European data centres
  - The on going evolution of IVOA has to be captured
- Final product: Medium term strategic plan for Euro-VO, including liaison with other communities

## Global strategy (2)

- Astronomy IS at the forefront
- Sustainability is an issue
  - Find a framework in European AOs and in national fundings on the medium term
  - EuroVo-ICE (International Cooperation Endeavour): a small, 1 year Coordination Action ‘bridging’ project for travel money (SAC, Technology Forums, IVOA, Hands-on, outreach)