



4th EGEE Meeting, PISA

24-28 October, 2005

E-Infraestructure shared between Europe and Latin America

www.eela-grid.org

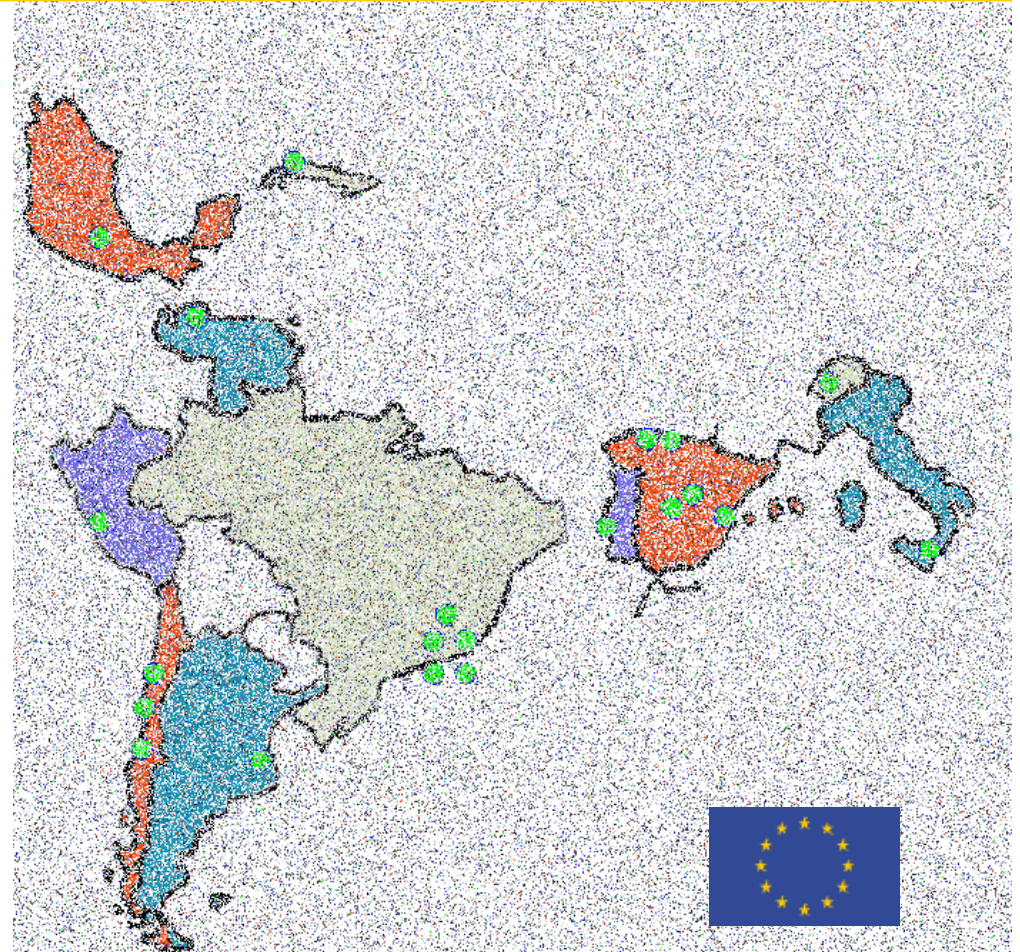
EELA

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EELA is project funded by the European Union under contract 026409

Summary



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- Project characteristics
 - Goals
 - Objectives
 - Partners
 - Budget and timescale
 - Other issues
- Relationships to EGEE and other projects
- Cooperation and concertation activities



Project Characteristics

Goal and Objectives



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E-infrastructure shared between Europe and Latin America

- **Goal:** To build a bridge between consolidated e-Infrastructure initiatives in Europe and emerging ones in Latin America.
- **Objectives:**
 - Establish a human collaboration network between Europe and Latin America
 - Setting a pilot e-infrastructure in Latin America
 - Identifying and promoting a sustainable framework for e-Science in Latin America

Partners



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EU

- Spain: CIEMAT, CSIC, UPV, RED.ES, UC
- Italy: INFN
- Portugal: LIP

International:

- CLARA
- CERN

Latin

- Venezuela: ULA
- Cuba: CUBAENERGIA

America

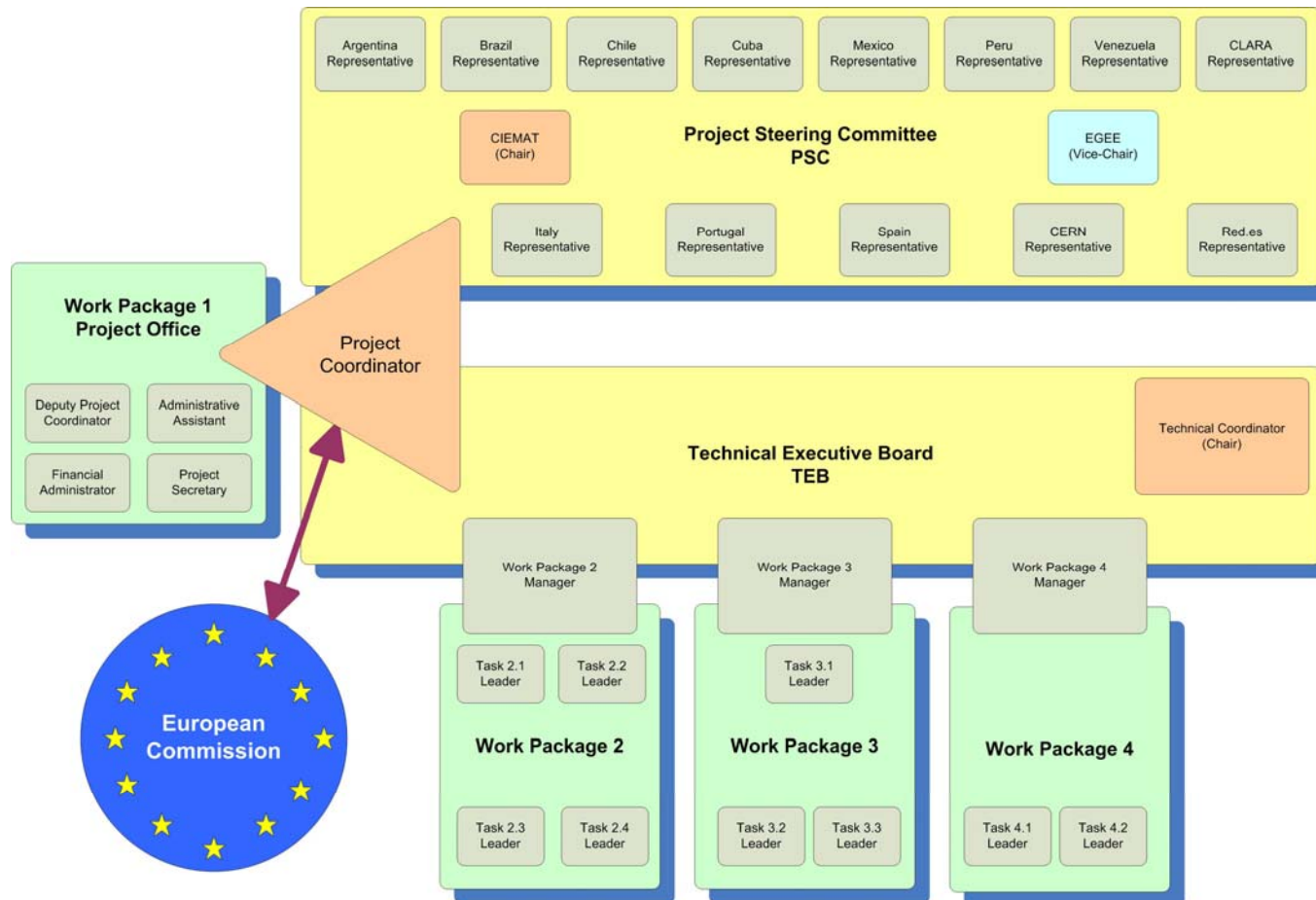
- Chile: UTFSM, REUNA, UDEC
- Peru: SENAMHI
- Mexico: UNAM
- Argentina: UNLP
- Brazil: UFRJ, CNEN, CECIERJ/CEDERJ, RNP, UFF

Structure



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WP1. Project administrative and technical management



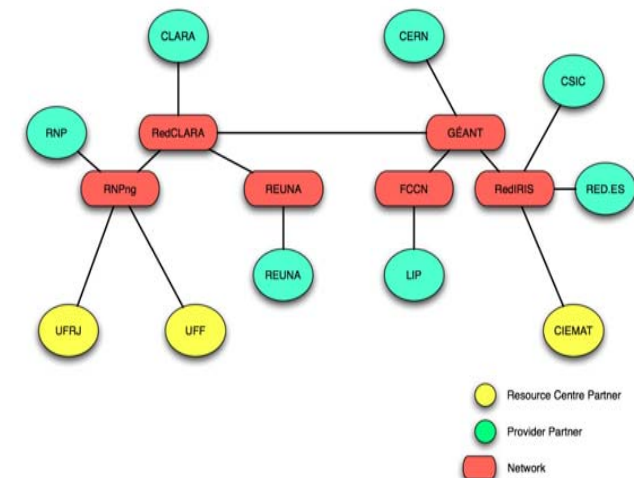
Structure



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Structure:

- WP2. Pilot testbed operation and support
 - Establish a common interoperable Pilot Grid Testbed between existing resources in Latin America and Europe. GEANT, RedCLARA and European and Latin American NRENs will provide the network infrastructure. The grid infrastructure will be based on the EGEE middleware framework and the EELA Pilot Testbed will support dissemination activities and application exploitation.





WP3. Identification and support of Grid enhanced applications

- Identify, select and customize relevant applications and tools suitable for the Grid dissemination process in Biomedical, High Energy Physics, Climate and Education. Contribute to the definition of a common application interface with other research fields to encourage and help scientific and technology communities to easily migrate their applications to EELA e-Infrastructure.

• WP4. Dissemination activities

- To enlarge the awareness of grid computing in the Latin America scientific community participating to the appropriate events and organizing knowledge dissemination events that will augment the number of people able to use the grid environment to solve their scientific problems.

Structure



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- The dissemination activities are of strategic importance to introduce state of the art grid technologies and services to an international community of users covering a broad range of scientific and technological areas.
- The strategic tool of these activities will be the INFN GILDA virtual laboratory for grid dissemination and knowledge dissemination which has originally been developed and successfully used in the context of the EGEE Project.

Budget and Timescale



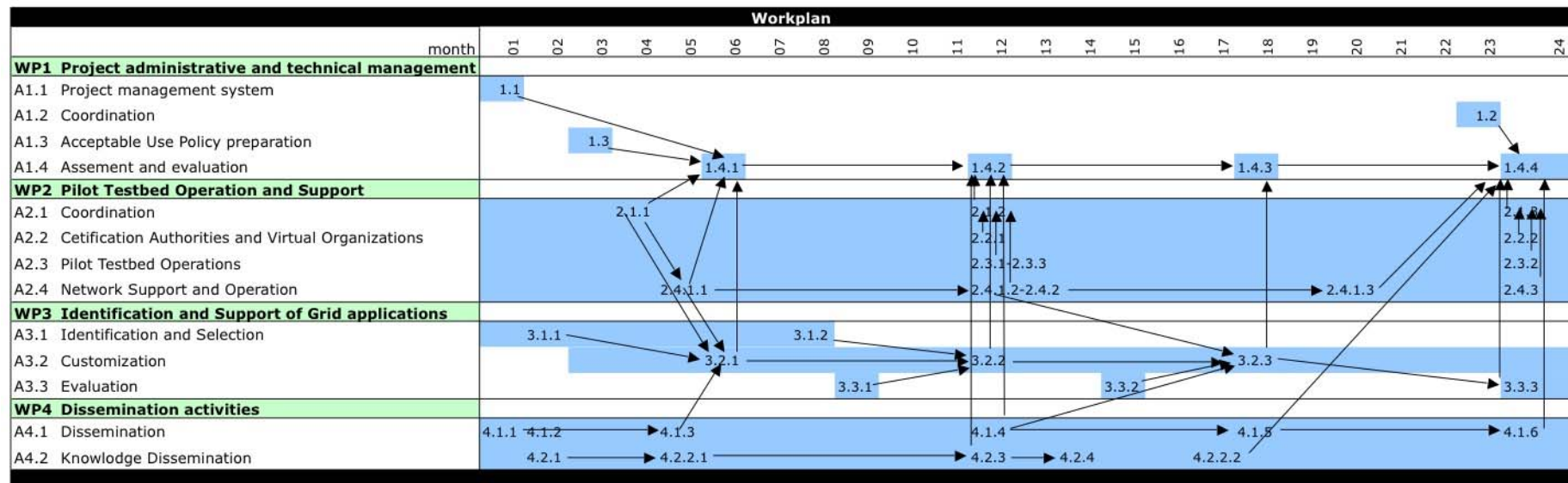
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Budget:

- Total budget: 2.57 M€ Financed foreseen by EC
1.7 M€

Timescale:

- Start foreseen 1st January 2006



Work Package List

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WP No	Work package title	Lead contractor	Person-months	Deliverable No
1	Project administrative and technical management	1 CIEMAT	29	7
2	Pilot Testbed Operation and Support	3 UFRJ	297	12
3	Identification and support of grid enhanced applications	1 CIEMAT	576	8
4	Dissemination activities	7 INFN	207	11
	TOTAL		1109	

Status



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- EC Specific Support Action (026409)
- Negotiation process finished with EC
- Pending contract signature



Relationships

Relationships



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EGEE

- Use of EGEE Middleware to set-up a pilot e-infrastructure interoperable with EGEE.
- Use of Biomedical and HEP applications already identified and migrated in EGEE.
- Use of GILDA virtual laboratory for grid dissemination and knowledge dissemination.
- EELA will follow the international policy developments made in the context of EGEE

Relationships



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Other projects

- Close collaboration with other projects: ALICE/GEANT, EUCHINAGRID, EUMEDGRID, SEE-GRID, ...
- Collaboration in dissemination with other projects.



Cooperation

Cooperation



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- Necessity to create a common forum between the projects.
- Cooperation in all activities: Dissemination, Application identification, Middleware, Networking, Policy, Security, ...



Thank you very much for your
kind attention.