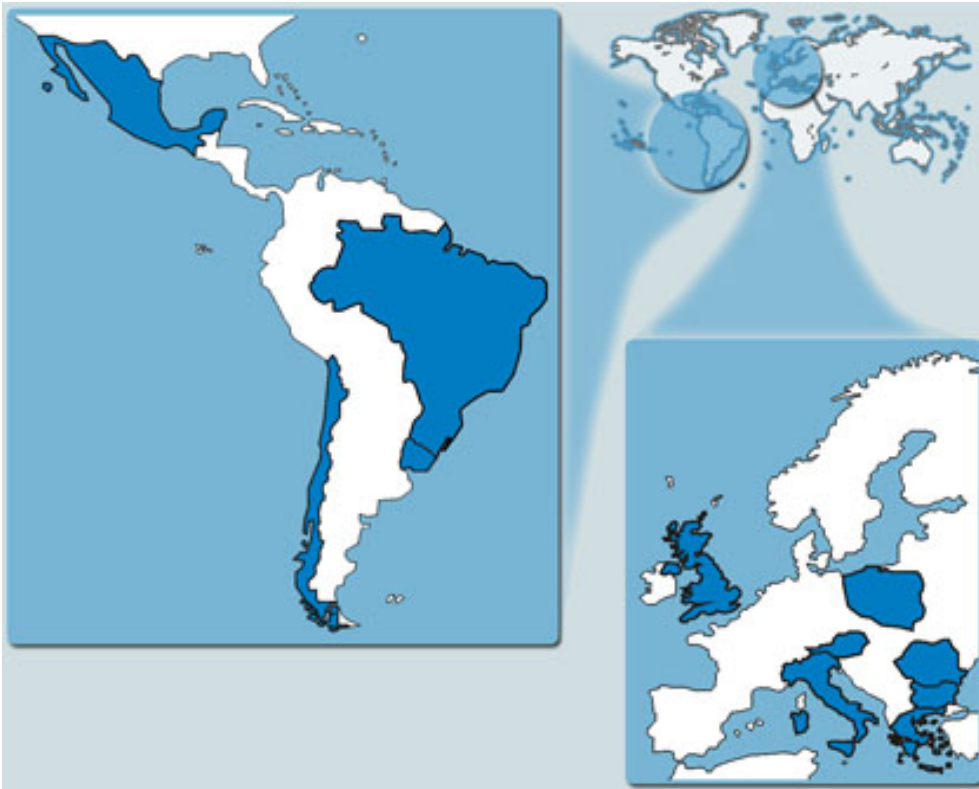


Project preview

Written by Administrator
Monday, 09 August 2004 09:30

Project preview

- Full project name: **Remote Instrumentation in Next-generation Grids**
- Type of project: **SSA**
- Project start date: **October 1st, 2006**
- Project duration: **18 months**
- Number of partners: **12** (incl. two consortia: Italy and Latin America) from 11 countries (Poland, Austria, Greece, Bulgaria, Romania, Mexico, Uruguay, Chile, Brazil, Italy, United Kingdom)
- Coordinator: [PSNC](#)
- RINGrid [discussion list](#)



Objectives

- Identification of instruments and user communities, definition of requirements
- Synergy between remote instrumentation and next-generation high-speed communications networks and grid infrastructures
- Trend analysis and recommendations for designing next-generation remote instrumentation services
- Promoting egalitarian access to european e-Infrastructure opportunities
- Dissemination of project results to scientific and business groups of users

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Interactivity

- Interactive access to equipment is under special attention in this project

Testbed

Validation of the project results will base on the following testbed implementations:

- PSNC Virtual Laboratory (<http://vlab.psnc.pl>)
- GridCC (<http://www.gridcc.org>)
- CLARA (<http://www.redclara.net>)

Summary

- RINGrid provides an architecture which integrates instrumentations with eInfrastructure:
- encompasses the current state of art, near future technology
- conceptual design of missing architectural 'pieces'
- supported by Grid environment

- Prototyping and validation is foreseen in the last phase – 4Q2007/1Q2008
- RINGrid is looking for collaboration in terms of interactivity and joint effort in GGF
- Project life time: Oct. 2006 – March 2008