

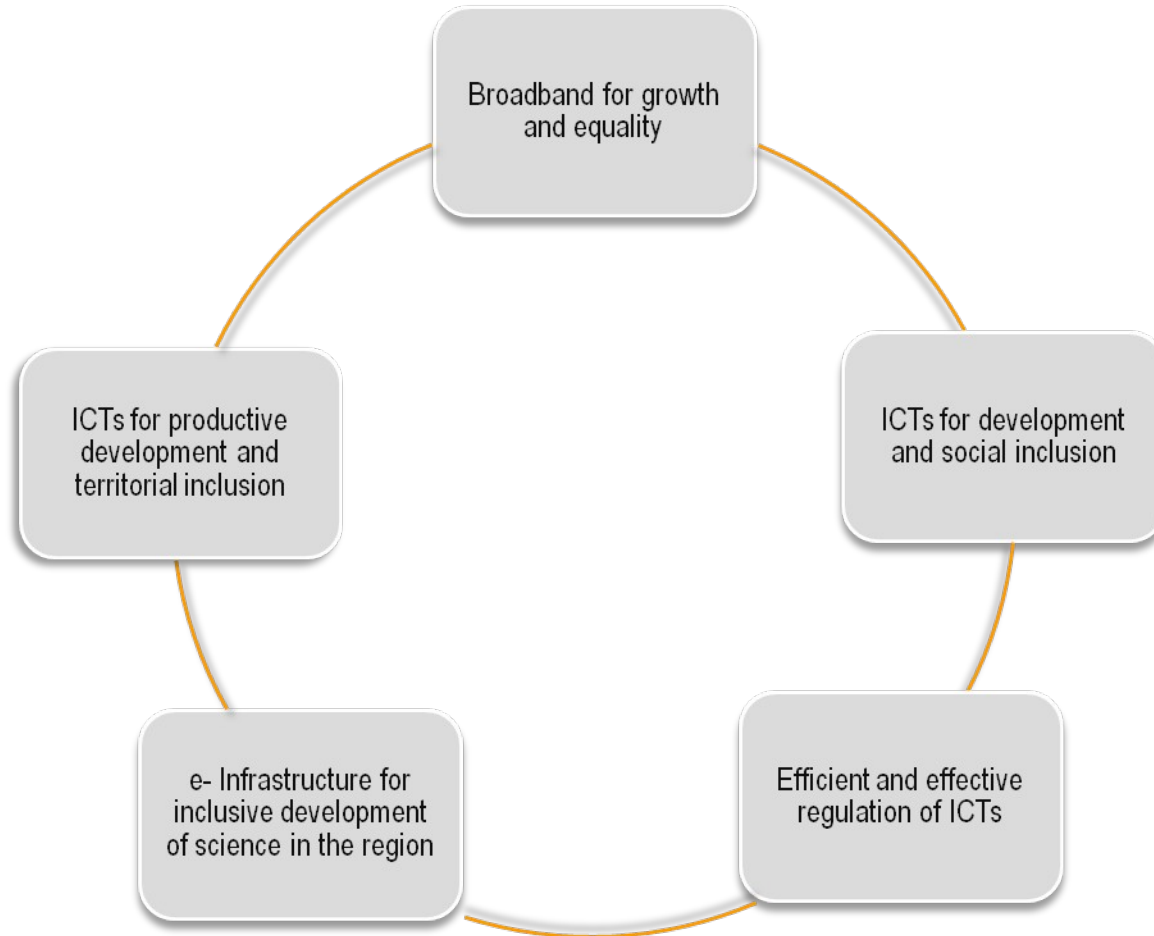
@LIS2

Inclusion / innovation / development

TICAL 2011

Panama, June 20, 2011

@LIS2 focuses on five high-impact areas for the construction of an inclusive, innovative and sustainable information society



Through 3 Projects

- Political Dialogue

- Carried out by the Information Society Programm of UNS's Economic Commission for Latin America and the Caribbean: ECLAC (CEPAL)

- Regulatory Forum

- Carried out by the of Latin America: LATIN AMERICAN TELECOM REGULATORS FORUM – REGULATEL

- e-Infrastructure for Collaborative Research and Support to Development

- Carried out by the Latin American Cooperation of Advanced Networks: RedCLARA



CEPAL



RedCLARA
• Red • Clarity • • • • •



Political Dialogue



Main Actions I

- **Broadband for growth and equality**
 - **Broadband is an essential service for integrating citizens fully into the progress of society, opening up opportunities for economic progress and ensuring greater equality and participation.**
- **ICTs for productive inclusion and territorial development**
 - **@LIS2 facilitates diagnosis of the main barriers preventing SMEs in different countries from accessing ICTs in the various countries and recommends initiatives for broadening this access**
- **ICT for social inclusion: e-Health**
 - **e-Health appears to offer the most equitable, effective and efficient way to improve access, timely care and early warnings, achieve cost savings and ensure more effective diagnosis and treatment.**



CEPAL



Red CLARA
• Red • Clarity • • • • •



Main Actions II

- ICTs for social inclusion: Digital inclusion
 - **Universal access to ICTs reduces the inequality of opportunities faced by the most vulnerable sectors of the population**
- ICTs for social inclusion: Education
 - **The incorporation of ICTs in schools must be approached in a comprehensive manner, addressing access, use, skills and content. Only in this way can ICTs really contribute to improving the quality of education and increase social inclusion**
- ICT for social inclusion: e-Government
 - **The use of ICTs in the provision of public services helps to provide equal access to services and increases government transparency, as well as improving the efficiency and effectiveness of operations**



CEPAL



Red CLARA
• Red • Ciudad • • • • •



Key Initiatives

- Regional dialogue on broadband and the Regional Broadband Observatory (ORBA)
- Technical assistance for the Department of Industry of Uruguay
- ICT Management of Social Programmes
- SOS Telemedicine for Venezuela



Regulatory Forum



Goals

- Enhance regulation within the region
- Promote adoption of best practices, exchange of information, experiences and experts, joint studies and adoption of common positions in international meetings
- Create an active and harmonized regulatory environment to improve cooperation and encourage innovation and communication development
- Contribute to enhancement of the Information Society
- Enhance regulation within different world regions
- Contribute to improve inter-regional regulatory framework



CEPAL



Red CLARA
• Red • Clarity • Red •



Main Actions

- Exchange of information and experiences
- High level and technical meetings
- Working Groups organized to solve regulation problems: universal and Internet access, convergence and harmonization, interconnection, broad band, etc.
- Training. Workshops and Seminars
- Spread of regulatory information and activities of the @LIS II program
- Dialogue between european and latinamerican telecom regulators entities.

ICT Regulation for the XXI Century

- Promoting poverty reduction.
 - **By promoting and facilitating universal access to networks and bridging digital divide.**
- Creating conditions to operators to capitalize and add value to their investments.
 - **By producing effective and harmonized regulatory instruments.**
- Provide better and cheaper services to users.
 - **By protecting consumers.**



CEPAL

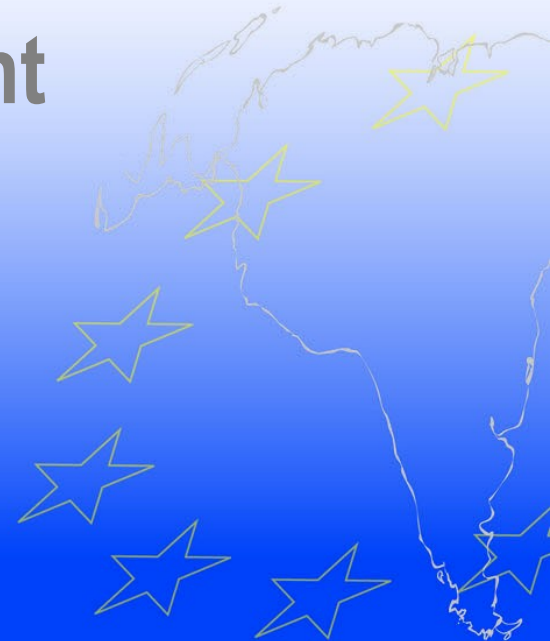


Red CLARA
• Red • Clarity • Red •





ALICE2: e-Infraestructure for Collaborative Research and Support to Development



ICT in Universities

- Hiper connected students
 - **Always connected: WiFi, Mobile, etc.**
 - **Social networking**
- New content providers
 - **From Wikipedia to augmented reality**
- Digital Repositories
 - **MIT's Open Courseware**
 - **Changing the landscape of scientific publication**
- Hiperconnected researchers
 - **Global scientific experiments**
 - **Sensor networks**
 - **Virtual laboratories**



CEPAL



Red CLARA
• Red • Ciencia • • • • •



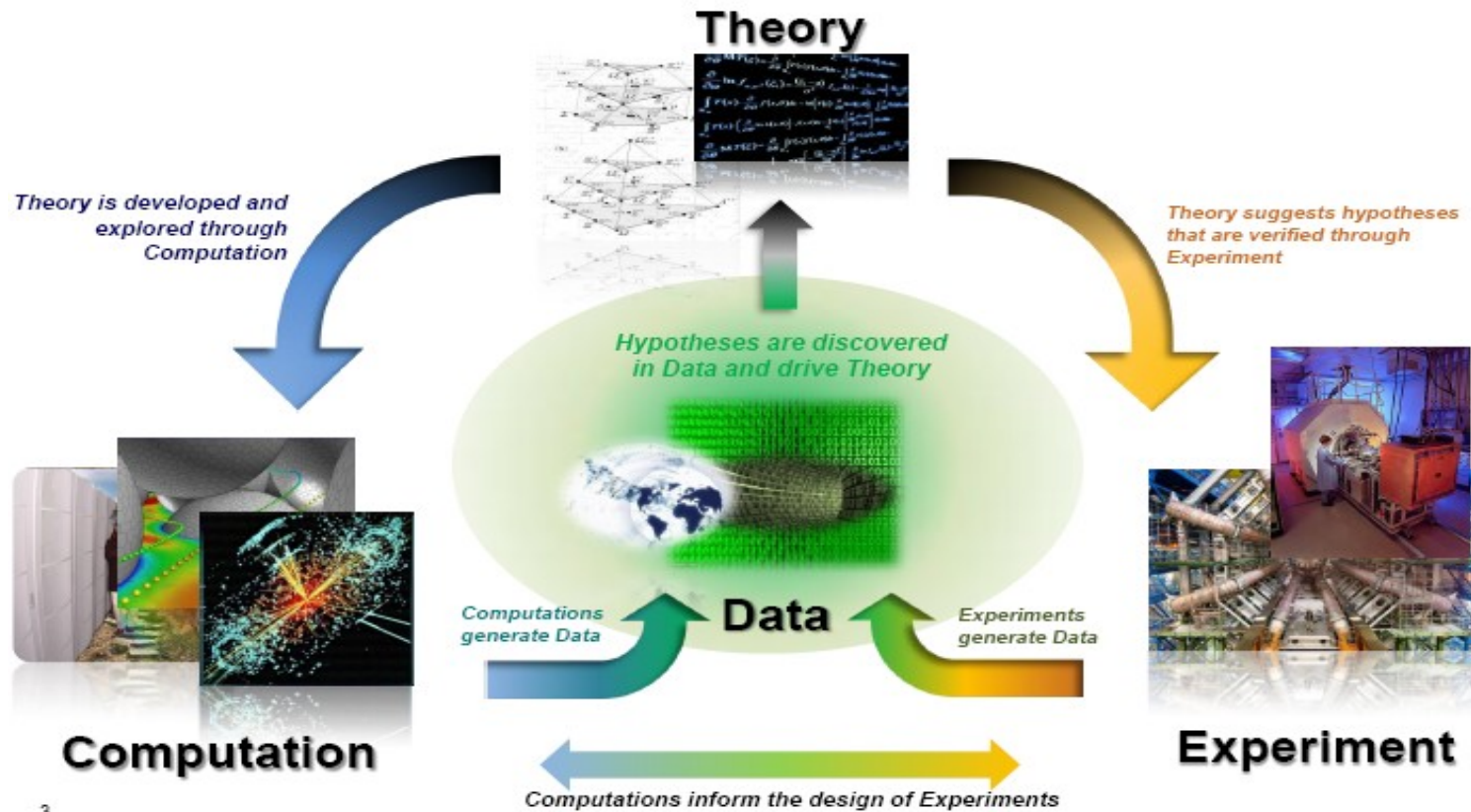
UNION EUROPEA



EUROPEAID
OPERA DE COOPERACION

e-Science and Open Collaboration

21st Century Scientific Method



3

EULAC Summit of Ministers of Research Madrid 2010

- Strengthen the integration of both regions in the Information Society and Support the development of the information and communication technologies (ICT) sector and the reduction of the digital divide and digital illiteracy through an increase of interconnectivity between the education and research networks within and between regions and enhance access to and use of resources.
- Reinforced private and public sector efforts for the improvement of the interconnection of education and research networks through the enhancement of transatlantic links, including through new optic fibre cables.



CEPAL



Red CLARA
• Red • Clarity • Red •



ALICE2: Networking and User Communities

- € 12 Millions budget to be provided by the EC, thru EuropeAid
- Co funding of € 6 Millions to be provided by the LA National Research and Education Networks (NRENs)
- December 2008 until August 2012
- Emphasis on
 - **An upgraded long lasting e-infrastructure**
 - **Networking researchers**
 - **Inclusion**
 - **Capacity building**

ALICE2 Partners



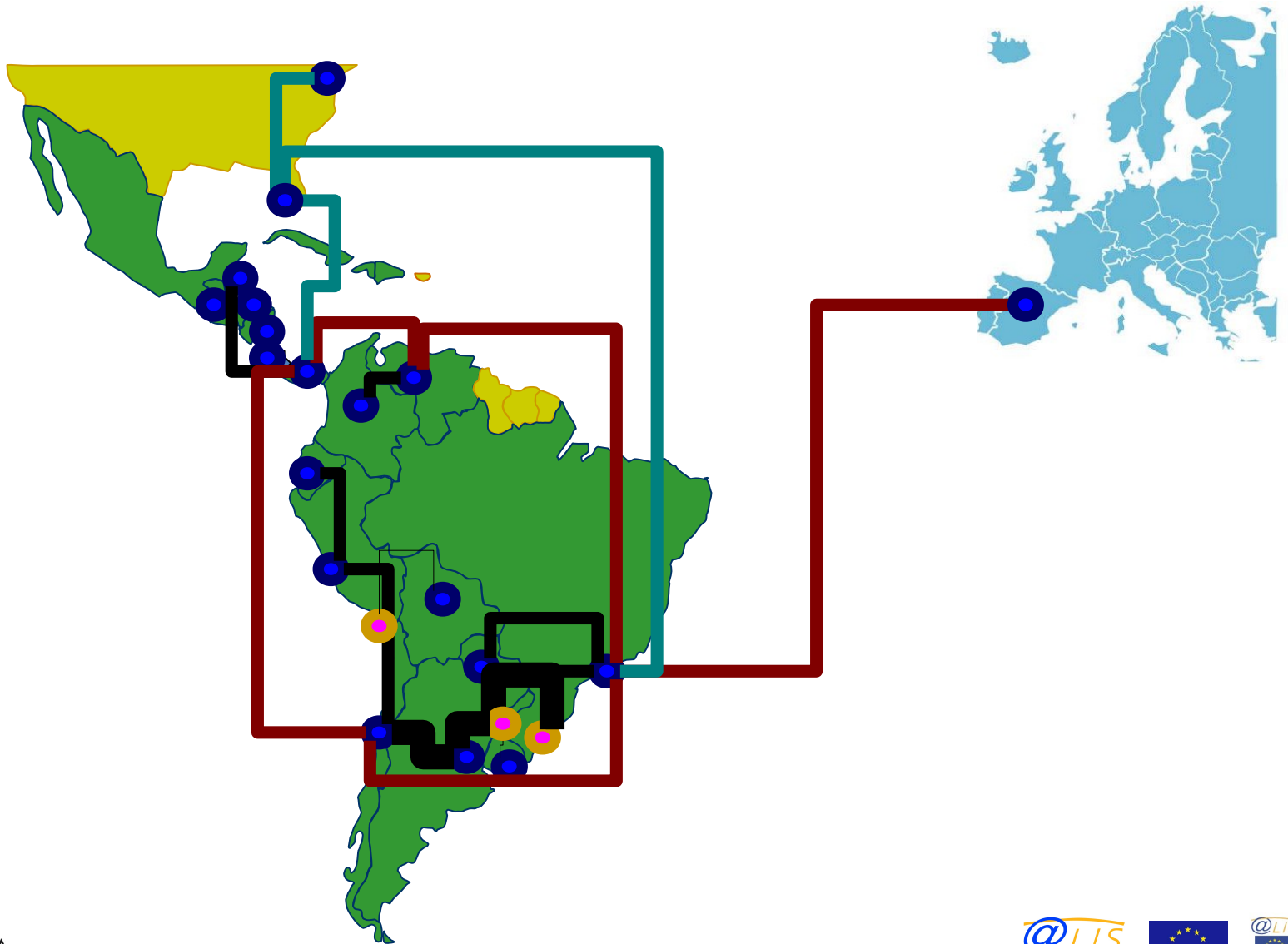
Argentina
Bolivia
Brasil
Chile
Colombia
Costa Rica
Ecuador
El Salvador
Guatemala
México
Panamá
Perú
Uruguay
Venezuela

Cuba
Honduras
Nicaragua
Paraguay



España
Francia
Italia
Portugal
DANTE (UK)

A Cutting Edge Network: RedCLARA2



CEPAL



RedCLARA
• Red • Ciencia • • • • •



Identifying Human Networks

- Identify most relevant research areas for LA.
- Better knowledge of groups by several means: personal visits, participation on their meetings, inviting them to RedCLARA workshops.
- Work with an Applications Committee of high end researchers
- Incentives for communities working on MDG and FP7 using RedCLARA services: COMCLARA calls
- A Data Base on research groups
 - **Global search performed by a documentalist funded by the project reported 108 research groups**
 - **Agreements with CYTED, ARTCA and other agencies is permitting to identify more communities**



CEPAL



RedCLARA
• Red • Ciencia •



Fostering Collaboration

- Database with Global Funding Opportunities including and alert system
- ALICE2 funded COMCLARA Communities
- Relationships with EC, CYTED, OEI, OAS, IADB, WB and other European and international S&T Bodies for fruitful cooperation
- Virtual Information Days to promote participation in FP7 Projects in alliance with FP7's National Contact Points (NCP)

<http://globalplaza.org/spaces/global/events/global-infoday-for-america>

In total 4 events last year with over 30 institutions connected over a Videoconference system



CEPAL



Red CLARA
• Red • Científica • • • • •



Example Communities

- **FLU-CAP** Influenza program for Central América & Panamá
- **MAYA** Network of Research in Microorganisms, Agriculture & Food
- **LAGO** Large Aperture Gamma Ray Burst Observatory
- **IPOL-LA** Medical Image Processing Online Latin America
- **CLARISE** Open Latin American regional community of research in social and educational issues
- **ACHALAI** International Network for the Recovery of immaterial patrimony of musical traditions



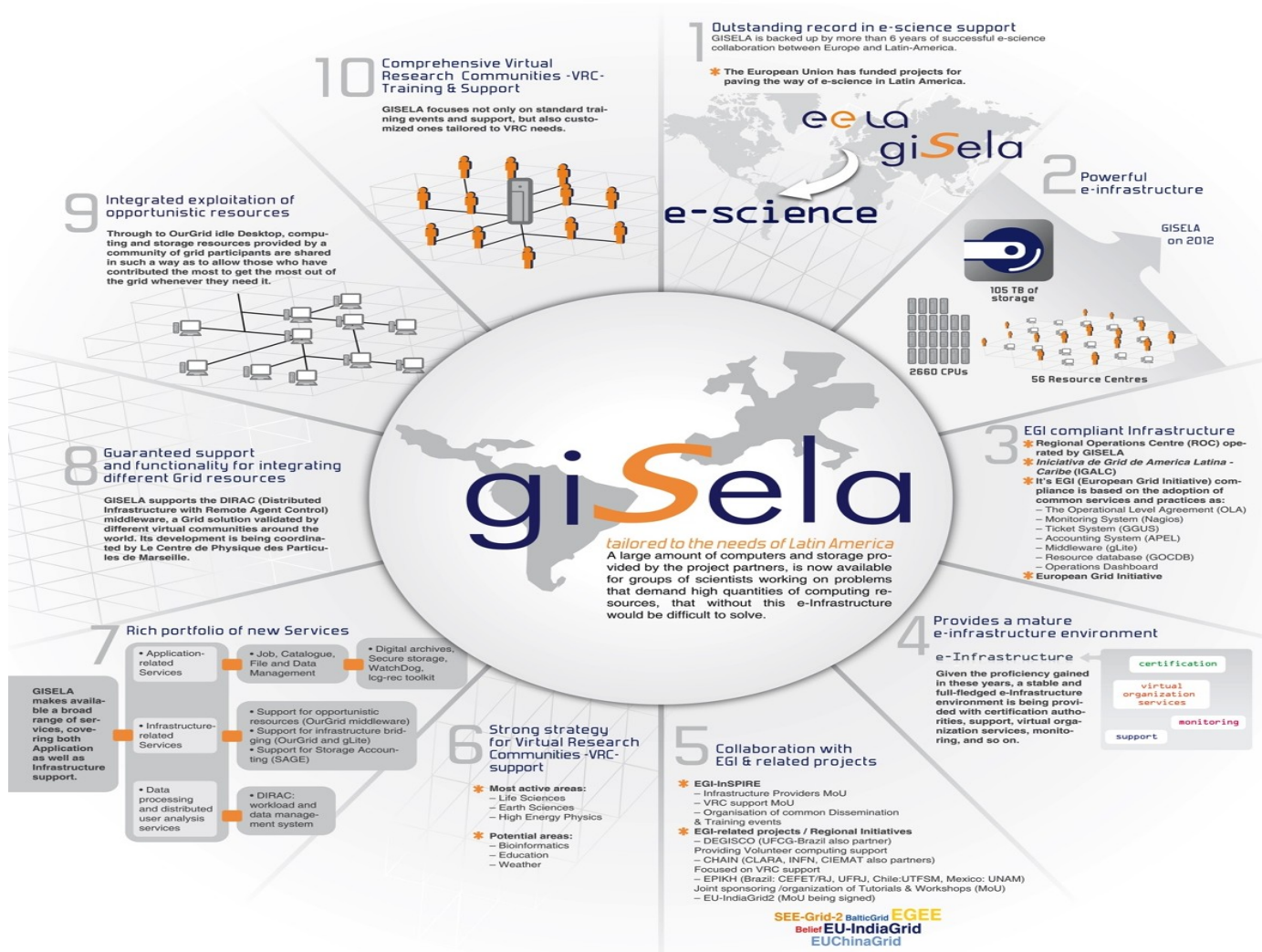
CEPAL



Red CLARA
• Red • Científica • de •



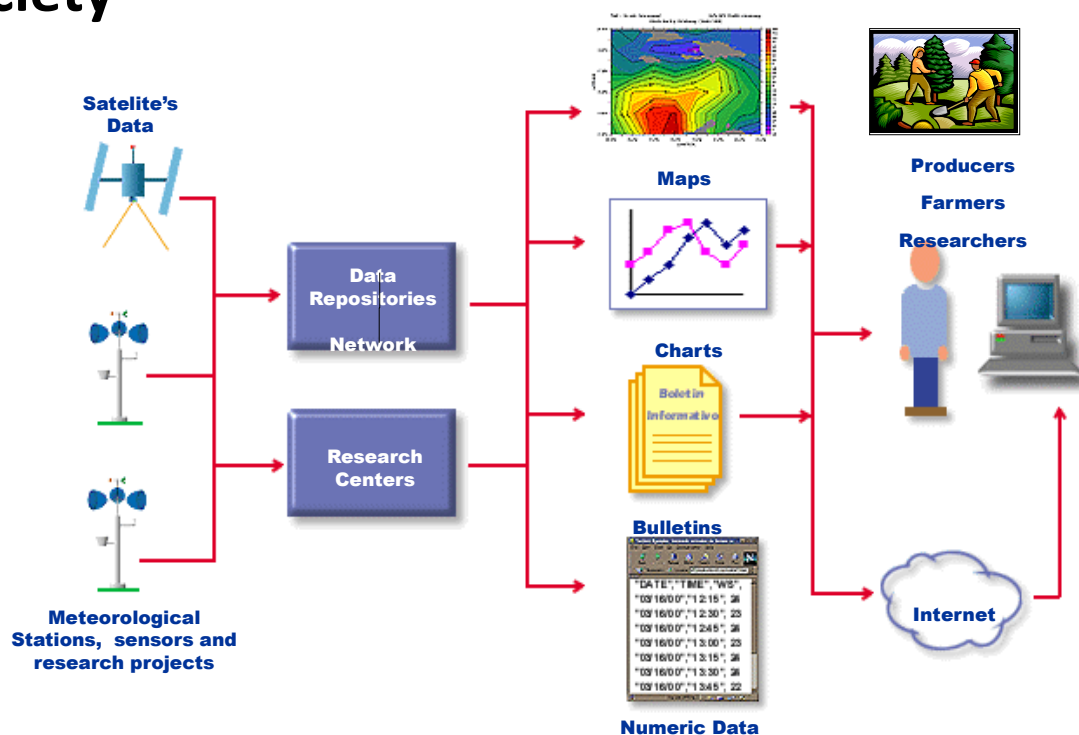
Key Initiatives: Grids for e-Science



Key Initiatives: Digital Repositories

Information/data preservation and dissemination

Supporting the data centric Science in LatinAmerica linked with the society



Key Initiatives: EVALSO

Connecting the Astronomical Observatories

- Innovating the way astronomers work through high speed connectivity



Key Initiatives: TICAL

Networking the CIOs of Latin American Universities

- To collaborate in developing services for universities
- To share applications and best practices
- To carry on joint procurements processes
- To innovate in delivering services to the students and researchers



[Español](#) | [Portugués](#) | [English](#)



Foto: Cortesía de Autoridad de Turismo de Panamá.

[Inicio](#)

[Programa](#)

[Sede](#)

[Noticias](#)

[Participe](#)



CEPRU

Inclusión # Innovación # Desarrollo

UNION EUROPEA



[Sobre Clara](#)[Ambientes de Colaboración](#)[Oportunidades](#)[Recursos para Investigación](#)[Busquedas](#)

Honduras será sede de la próxima reunión ALICE2/RedCLARA

Jueves, 17 Marzo 2011

RedCLARA sigue liderando esfuerzos para que Honduras forme su propia NREN y, mediante Internet avanzada se suma al impulso regional en pro del desarrollo científico y académico. En ese contexto de inclusión, el país ha sido elegido como sede de la próxima reunión semestral ALICE2 - RedCLARA, que se llevará a cabo en junio. [Leer más...](#)

[1](#) [2](#) [3](#) [4](#) [Más artículos...](#)

Capacitación

[Ver mas](#)

Comunidades

- Comunidades de Investigación: ¡Atentas! COMCLARA 2011 ya abrió
- ¿Necesita organizar una Videoconferencia? ¡Le podemos ayudar!

[Ver mas](#)

Noticias

- MCI Sur realiza taller sobre sistemas de monitoreo de la zona costera
- Llamado a presentar trabajos para LANC 2011
- GISELA divulga la Grid en América Latina
- Última semana para aplicar al programa Community Grants
- CUDI invita a participar de la cuarta temporada del Día Virtual UAT

[Ver mas](#)

Eventos

- Escuela Superior de Alto Rendimiento
- ISGC 2011
- Congreso Internacional de la Sociedad Internacional
- Path to Cloudscape III
- Primera Escuela Argentina de GPGPU

[Ver mas](#)

The RedCLARA Portal

- Focused on Service to Communities
- One stop shop for
 - Webconference (VCEspresso)
 - Room Videoconference (SIVIC)
 - Content Management (DSpace)
 - E-Learning System (Moodle)
 - Video on Demand (RedCLARAVE)
 - Web 2.0: Wikis, Blogs
 - Researchers/Funding opportunities/Partner search
 - News, Agenda,



ALICE2's RedCLARA represents a key e-Infrastructure for collaboration between Latin American Universities and with their partners in Europe and abroad



CEPAL



RedCLARA
• Red • Ciencia •



<http://www.redclara.net>