

RedCLARA: the Gigabit Network of Latin America

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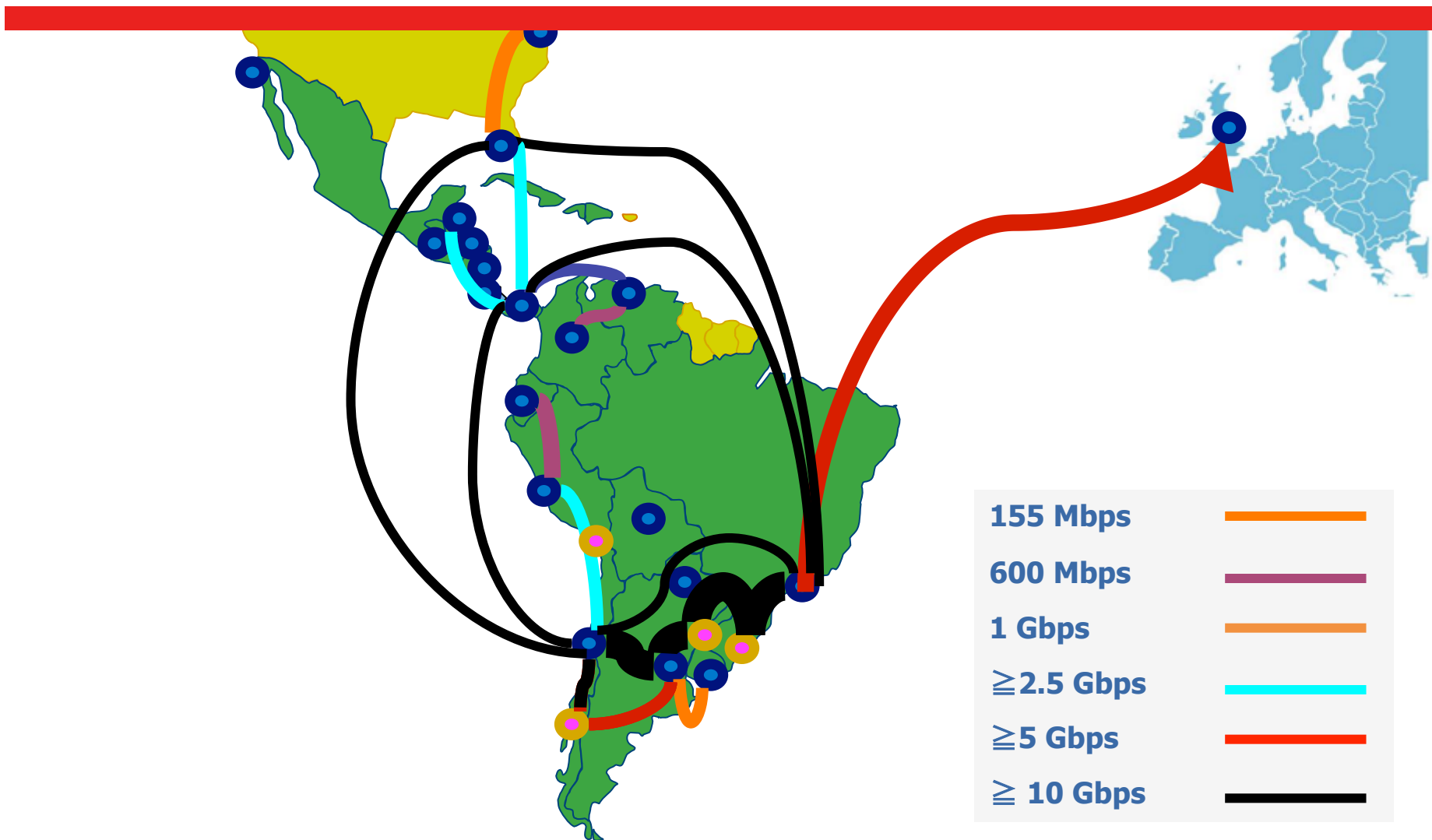
SAAC Spring 2015 Meeting
April 20th, 2015
Santiago, Chile

Bridging geographical and digital divide

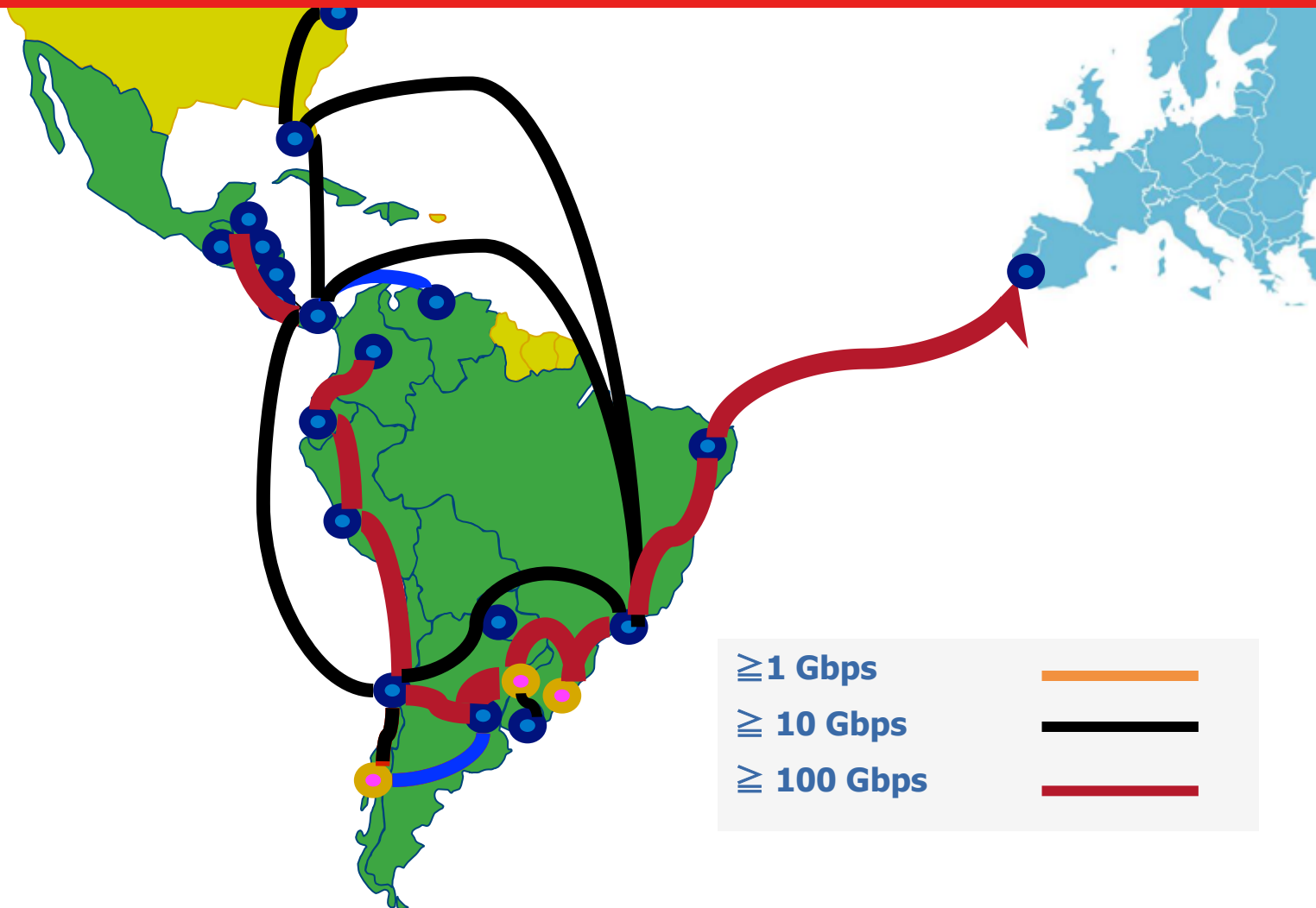


	2002	2015
Connected countries	6	11
Max. Bandwidth availability (intra LA)	45 Mbps	10 Gbps
Max. Bandwidth availability (extra LA)	45 Mbps	5 Gbps

RedCLARA April, 2015



RedCLARA, 2017

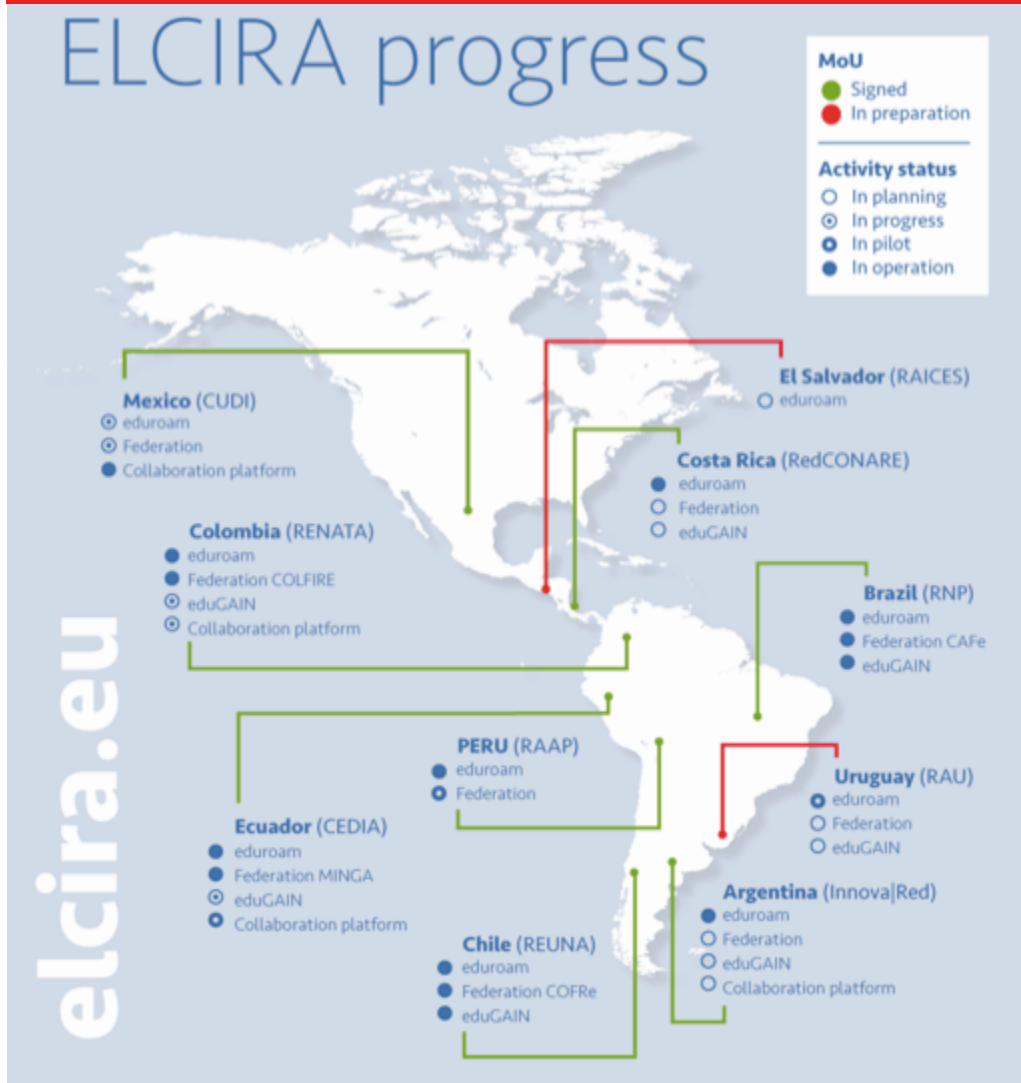


ELCIRA Project



The ELCIRA Project (Europe Latin America Collaborative e-Infrastructure for Research Activities) aimed to coordinate a series of collaboration tools and services developed in Europe and Latin America in order to provide an interoperability framework that facilitates the work of European-Latin American research teams and to foster collaboration in joint research projects.

ELCIRA Project



Having set out to establish eduroam in at least two Latin American countries, ELCIRA has far outstripped expectations through the deployment of eduroam in six Latin American countries (Argentina, Chile, Colombia, Costa Rica, Ecuador, Mexico and Peru).

ELCIRA Project

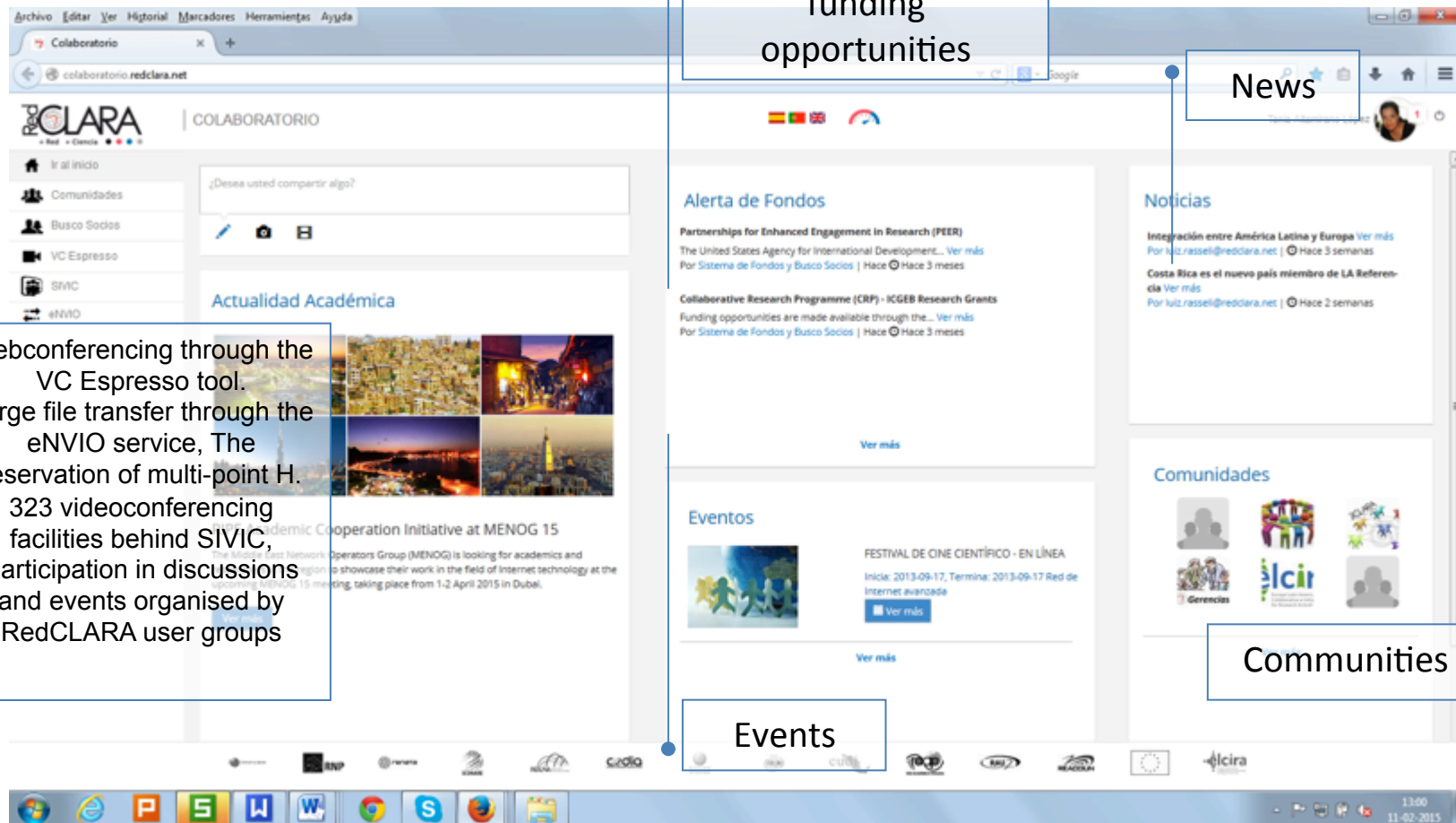
- ELCIRA supported the ongoing expansion of eduroam in Brazil, where Porto Alegre has become the first eduroam city on the continent.
- The objective of supporting the creation of identity federations in two countries was not only met but doubled with operational identity federations having been established in Argentina (MATE), Chile (COFRe), Colombia (COLFIRE) and Ecuador (MiNGA). Of these, the Chilean federation is a member of eduGAIN, alongside the Brazilian identity federation.
- ELCIRA has also established gatekeepers for RedCLARA and the Costa Rican and Colombian NRENs. With Brazil and Mexico also integrated with the RedCLARA gatekeeper which is in turn integrated with eduCONF, users of videoconferencing facilities behind the RedCLARA gatekeeper can now dial terminals behind eduCONF in Europe, and vice versa.

ELCIRA Project

An additional aim of ELCIRA was to improve collaboration for Europe-Latin American research communities. This has been done through the creation of a virtual federated platform, known as Colaboratorio V1.0. The platform makes tools and services delivered by Latin American and European NRENs available to end users in a single location and facilitates collaboration in the following ways:

- Webconferencing through the VC Espresso tool.
- Large file transfer through the eNVIO service, based on FileSender, and provided by GARR.
- The reservation of multi-point H.323 videoconferencing facilities behind SIVIC, RedCLARA's equivalent of eduCONF
- Participation in discussions and events organised by RedCLARA user groups
- A search facility for documents produced by RedCLARA and the user groups supported by RedCLARA.
- A search facility for funding opportunities, project partners and collaboration opportunities.

Colaboratorio



A search facility for funding opportunities

News

Webconferencing through the VC Espresso tool.
Large file transfer through the eNVIO service, The reservation of multi-point H.323 videoconferencing facilities behind SIVIC, Participation in discussions and events organised by RedCLARA user groups

Events

Communities

Integration of the portal- Renata

Colaboratorio - RENATA

www.renata.edu.co/colaboratorio/index.html

renata Colombia Colaboratorio Desarrollado con Red CLARA

Carlos González

¿Desea Compartir?

Compartir

Actualidad Académica

Mobility Social Network

Alerta de Fondos

Convocatoria anual de Acciones CYTED : Investigación

Premios a la Excelencia en Salud Pública Inter-Americana

Noticias

Comunidades

Eventos

ENCUENTROS TEMÁTICOS DE LA COMUNIDAD TICAL

MINTIC, MINISTERIO DE EDUCACIÓN, RADAR, RAU, etc.

https://dev1.redclara.net/joomla4_new/joomla4/index.php/es/frontpage/?nren=RENATA&nren_container_url=http://www.renata.edu.co/colaboratorio/index.html

What's next?



Mddleware for collaborative
Applications and **G**lobal v**I**rtual
Communities

What's next?



The MAGIC Project seeks to establish a set of agreements for Europe, Latin America and other participating World Regions, aiming at consolidating and completing the building blocks of middleware necessary for the establishment of a marketplace of services and real-time applications for international and inter-continental research groups which facilitates mobility and the work of global science communities.

www.redclara.net