



# CLARA-TEC 2013

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# Summary



The ELCIRA Project aims to coordinate a series of collaboration tools and services that are being 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.

# Objectives



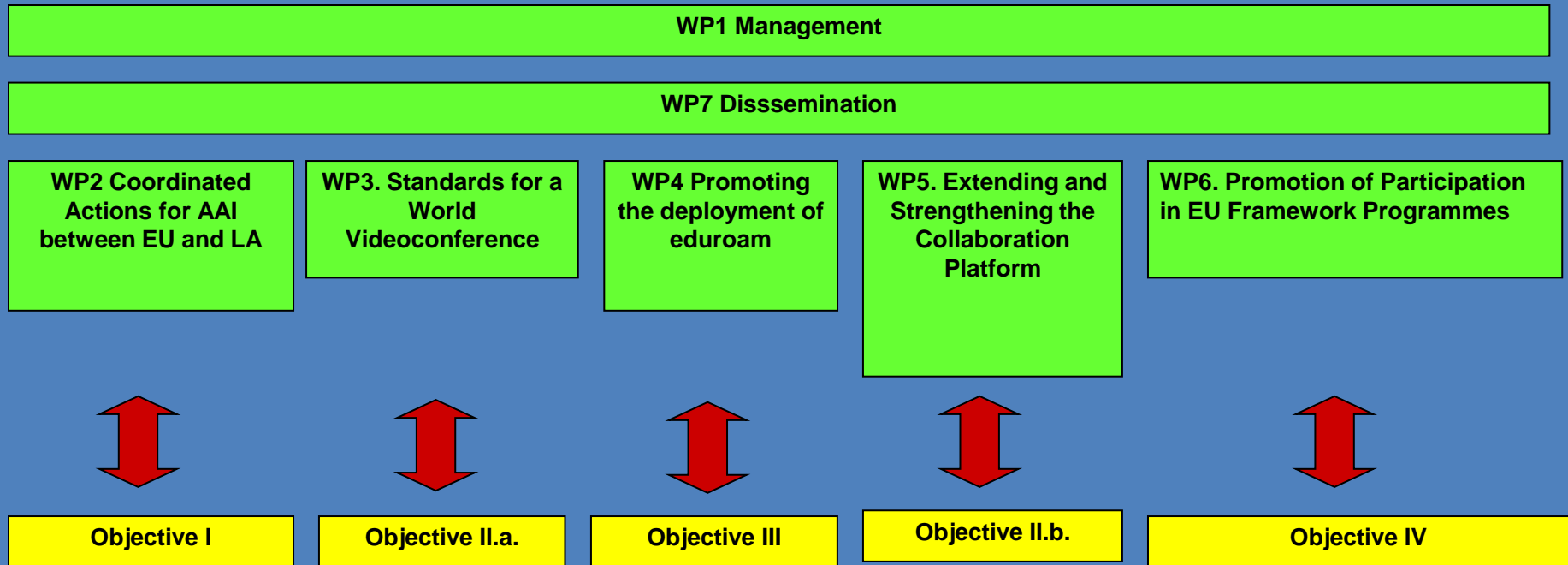
- To foster the creation of federations in LA for authentication, authorisation and identity (AAI) mechanisms and its integration with Europe's EduGAIN
- To coordinate the development and deployment of collaboration tools and services for research communities of Europe and Latin America by:
  - Setting the grounds for the development of a Europe-Latin America High Quality Video Conference Service integrated with EduCONF.
  - Create and promote a prototype collaboration Portal for user communities of both continents, based on a Cloud Style version of RedCLARA's Portal enriched with open source tools developed in Europe.

# Objectives



- To foster the deployment of eduroam services in the Latin American countries.
- To promote collaboration of Latin American and European researchers through: information, dissemination of funding opportunities, training and electronic collaboration tools and other activities.

# WP Distribution



# WP Leaders



- WP1: RedCLARA
- WP2: RNP
- WP3: RENATA
- WP4: RNP
- WP5: RedCLARA
- WP6: RedCLARA
- WP7: RedCLARA



# 1<sup>st</sup> Periodic Review

WP2 - Coordinated Actions for AAI between EU and LA

Conference: ELCIRA Review Year 1  
Date: June 25, 2013  
Place: Brussels, Belgium

# Overview



## Partners

- CLARA
- GARR
- RNP
- TERENA
- RedIRIS

## WP Focus:

- Promoting and consolidating the foundations for creating a framework for authentication and authorisation in Latin America, and facilitate the integration with the European initiatives under TERENA activities such as TF2 EMC2 and REFEDS, and will make the necessary arrangements to join the GÉANT service eduGAIN



# WP2 - Objectives



- To promote, coordinate and support the effort of a critical Latin American authorization and authentication infrastructure (AAI) for academic services and processes;
- To create pilot identity federations in two countries as a basis for further extension to the rest of the members of RedCLARA.
- To create virtual courses to enable technical teams of Latin American NRENs to provide local training in their own constituency.
- To define the technical and policy requirements to integrate a federated AAI in Latin American and Europe.
- To implement AAI interoperability and interoperation with Latin American federations and their European counterparts.
- To provide a roadmap for future strategies and decision-making regarding collaboration with other world regions regarding identity authorization and authentication processes.

# WP2 - Deliverables status summary

| Deliverable # | Deliverable Title   | Status      |
|---------------|---|-------------|
| D2.1          | Roadmap for the delivery and deployment of National AAls in Latin America, and development of how-to documents to support implementation. | Delivered   |
| D2.2          | Online Training Material on AAI development for Staff training  | Delivered   |
| D2.3          | AAI pilot   | Delivered   |
| D2.4          | AAI preparation   | Delivered   |
| D2.5          | AAI implementation  | In progress |
| D2.6          | Follow-up Recommendations and Final Progress Report   | In progress |

# Inter-Federation Development

Pilot

- Name, Webpage, Metadata Feed

Production

- Policy for IdPs & SPs

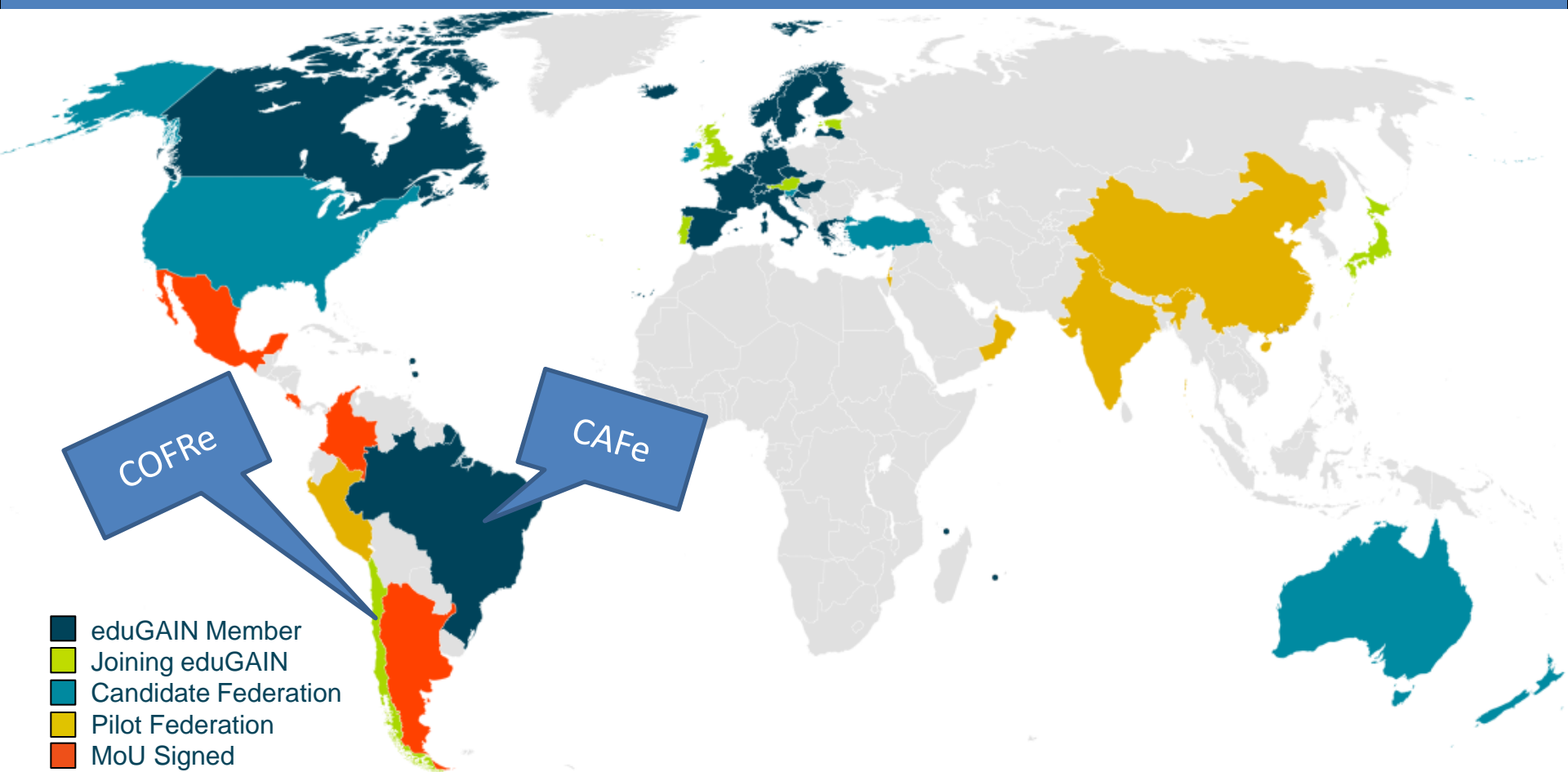
Candidate

- Metadata Registration Practice Statement

eduGAIN

- Declaration Signed, Metadata Feed Validated

# World-wide eduGAIN status...



- eduGAIN Member
- Joining eduGAIN
- Candidate Federation
- Pilot Federation
- MoU Signed

# Identity Federations and Latin America

- eduGAIN Member
  - Brazil (CAFe)
- eduGAIN Candidate
  - Chile (COFRe)
- Pilot Federation
  - Peru
- Emerging Federations
  - Argentina, Colombia, Costa Rica, Mexico



- eduGAIN Member
- Joining eduGAIN
- Candidate Federation
- Pilot Federation
- MoU Signed

# Problems and Concerns

- Policy often more difficult than technical issues - Chile was 1<sup>st</sup> world-wide to adopt Policy Template from GÉANT/REFEDS;
- Different models of sustainability in the NRENs in Latin America;
- Few technical people involved in the project;
- NREN commitment/focus in setting up eduroam infrastructure ahead of AAI.

# Next steps



- Presentation at TICAL 2013;
- Launch of federation in Argentina, Peru, Colombia and Mexico;
- Chile and Peru joining eduGAIN by the end of 2013;
- A study between GÉANT and ELCIRA to look at the possibility of creating Federation as a Service (FaaS)





# 1<sup>st</sup> Periodic Review

WP4 - Promoting the deployment of eduroam services

Conference: ELCIRA Review Year 1  
Date: June 25, 2013  
Place: Brussels, Belgium



# Overview



## Partners:

- CLARA
- RNP
- TERENA
- RedIRIS

## WP Focus:

- integration with the European eduroam initiative, with the necessary arrangements for joining the service offered. This includes liaison with GÉANT which owns the European eduroam confederation service. TERENA will also facilitate participation of Latin America in the Global eduroam Governance Committee.

# WP4 - Objectives

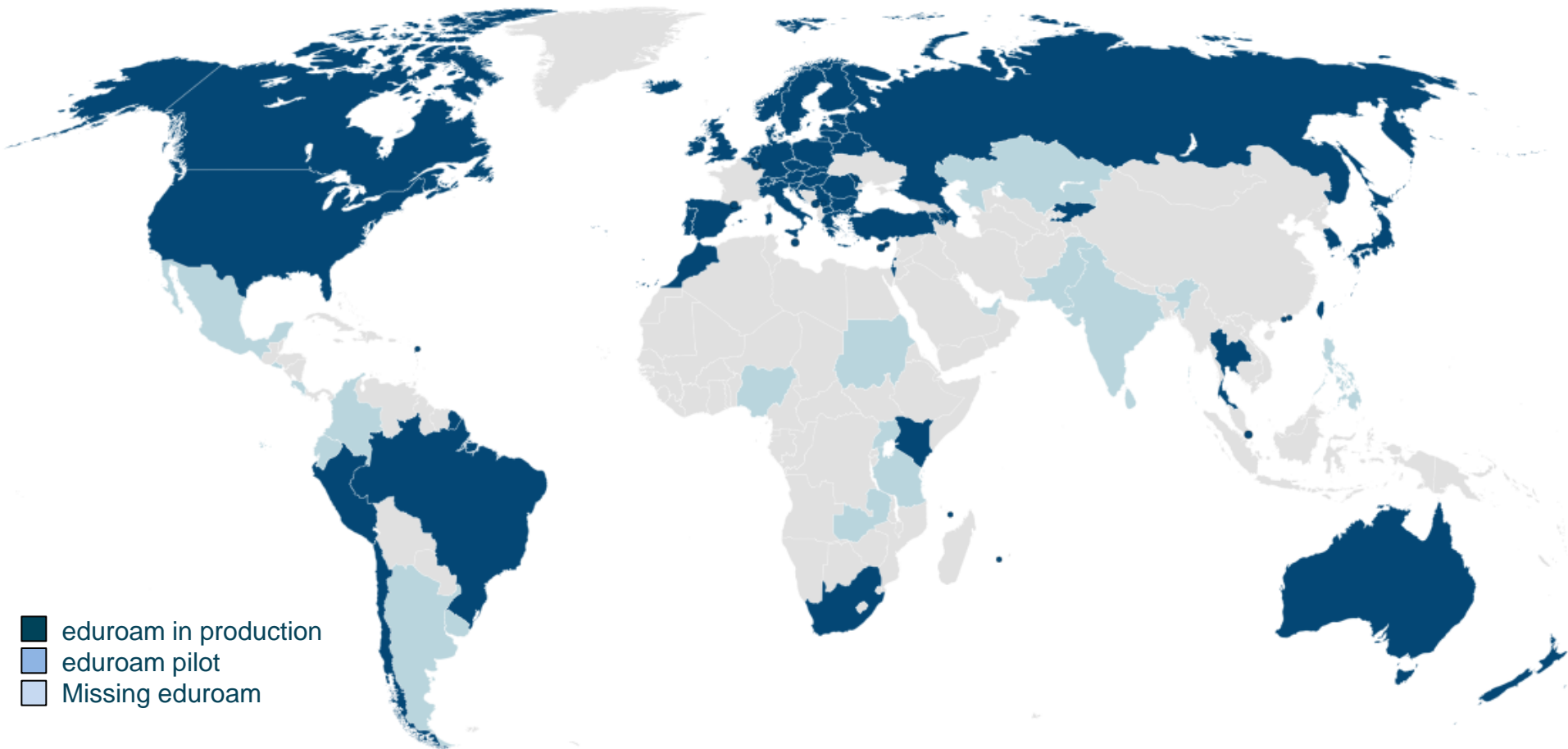


- To promote, coordinate and support the effort of a Latin American infrastructure for an education roaming service (eduroam);
- To create the infrastructure to support eduroam processes in two countries and establish the bases to expand this pilot to the other members of RedCLARA.
- To create/update virtual courses to train NREN technical teams in order to replicate the action in their NRENs and for their customers.
- To define the technical requirements of an eduroam exchange point between Latin America and Europe.
- To implement eduroam interoperability and interoperation with Latin American federations and their European counterparts.
- To provide a roadmap for future strategies and decision-making regarding collaboration with other world regions regarding eduroam.

# WP4 - Deliverables status

| Deliverable # | Deliverable Title   | Status      |
|---------------|---|-------------|
| D4.1          | Demonstration of eduroam at TICAL 2012 Conference.                                | Delivered   |
| D4.2          | Roadmap for the delivery and deployment of National eduroam (RO) in Latin America | Delivered   |
| D4.3          | Material of Virtual course for technical staff training on line                   | Delivered   |
| D4.4          | Pilot eduroam Infrastructure for training purposes                                | Delivered   |
| D4.5          | Report on eduroam preparation   | Delivered   |
| D4.6          | eduroam Implementation  | In progress |
| D4.7          | Follow up actions and perspectives  | In progress |

# World-wide eduroam status...




# eduroam in Latin America



3 production deployments

- Brazil, Peru, Chile 

7 pilot deployments

- Argentina, Colombia, Costa Rica, Ecuador, El Salvador, Mexico, Uruguay. 





# WP2 and WP4 Summary status



| Country    | NREN         | ELCIRA partner | eduroam Status | Federation Status | eduGAIN status |
|------------|--------------|----------------|----------------|-------------------|----------------|
| Brazil     | RNP          | Yes            | In production  | In production     | Member         |
| Chile      | REUNA        | Yes            | In production  | In production     | Candidate      |
| Peru       | RAAP         | No             | In production  | Deployment        | -              |
| Colombia   | RENATA       | Yes            | Candidate      | Deployment        | -              |
| Argentina  | Innova   Red | Yes            | Candidate      | Deployment        | -              |
| Costa Rica | CONARE       | Yes            | Candidate      | Deployment        | -              |
| Mexico     | CUDI         | Yes            | Deployment     | Deployment        | -              |

# Problems and Concerns

- Different sustainability models at the NRENs in Latin America;
- Few technical people involved in the project;
- Delay in NREN commitment in setting up eduroam infrastructure



# Next steps



- eduroam available at TICAL 2013;
- Creation of Latin America Confederation;
- Presentation in TICAL 2013;
- Launch of eduroam in Argentina, Costa Rica, Colombia and Mexico;
- A study between GÉANT and ELCIRA to look at the possibility of creating Federation as a Service (FaaS)

# Thank you!

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