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**Impact Metrics Measurement First
Period**



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Periodical Progress Report

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Abstract: This document reviews the achievements of the ELCIRA Project during its first year by checking at the metrics that were proposed during in Part B of the DoW.

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For more information on ELCIRA, its partners and contributors please see <http://elcira.redclara.net>

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DELIVERABLE ROUTE

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1. PURPOSE OF THE DOCUMENT

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.

In order to measure the effectiveness of the project, the Description of Work Document details metrics associated to the specific work packages to be measured at the end of the project. This document details the status of these metrics satisfied the first year of the project.



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2. METRICS REVISION

2.1. WP2 - COORDINATED ACTIONS FOR AAI BETWEEN EU AND LA

WP2 will impact on the adoption of the standards defined by the EduGAIN Federation and will integrate it with the Brazilian promoted CAFe Federation.

The following will be measured at the end of the Project:

Two new federations created and operating in LA

As described in the first report and the second report, we are working with three NRENs:

- Chile (REUNA - www.reuna.cl);
- Peru (RAAP - www.raap.pe);
- Colombia (RENATA - www.renata.co).

In the end of May, CUDI (Mexican NREN) demonstrated much interest in joining the project, despite they are working in CHAIN (Co-ordination and Harmonisation of Advanced e-Infrastructures for Research and Education Data Sharing: <http://www.chain-project.eu/>). In these context, there is currently a Mexican Federation (FidMex) based on Universidad Nacional Autónoma de México (UNAM) that is not structured as a National Identity Federation on CUDI, and is structured with only Identity Providers. So we found a good opportunity to join effort and work together (ELCIRA, CUDI and UNAM), to organize their federation.

So, it is expected that we have at least 4 federations, besides RNP's CAFe, at the end of the project.

AAI interoperability and interoperation implemented in a pilot form

In order to do a fast track in the project and avoid any major impact of time, more RNP analyst's hour-time were allocated to help Peru's technical staff to install and configure the federation components. It is expected for the second week of June the conclusion of the Peruvian federation pilot. Although these delays, it is not expected any impact in the project or in the work package deadlines.

As described more detailed in the deliverable "2.3 AAI Pilot", the Peruvian Federation was created on Pilot basis and the work to implement the federation as production and integrate it to eduGAIN has been started.

The Number of services consumed by LA AAI from eduGAIN will grow from 0 to at least 2

Since adoption of eduGAIN is still under its way no services are being consumed yet.

2.2. WP3 - STANDARDS FOR AN INTERREGIONAL VIDEOCONFERENCE SERVICE

WP3 will allow the research users of both continents to easily schedule a HQ Video Conference without passing through a manual process involving resources from top management at the NREN or GÉANT level to schedule a work meeting or a larger event.



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The following metrics will measure the impact:

At least 4 NRENs will integrate their VC system with the SIVIC Scheduling system

Nowadays, there are no NRENs using the SIVIC scheduling system. This work will be started in Month 14 where some required modifications of the SIVIC system will be running. This metric will be delivered for Month 22.

SIVIC will interoperate with EduCONF

Integration to the EduCONF service will be deployed, but there are some definitions pending on the integration protocols to be used. This metric will be delivered for Month 22.

The number of inter-regional VCs will increase from a low unknown number to at least 10 per month and beyond

In order to achieve this objectives, the intercontinental video-conference service shall be in production, as well as the 4 NRENs using the SIVIC system. Up to Month 12, the prototype of the integrated video-conference service stated, and it is expected to pass to pilot stage on Month 18. This metric will be measured in the gatekeeper Customer Detailed Records (CDR) logs, and the SIVIC scheduling system.

2.3. WP4 - PROMOTING THE DEPLOYMENT OF EDUROAM SERVICES

WP4 will spread the use of the eduroam standard to interoperate a Global Roaming WiFi Service for academic users.

The following results can be ensured:

At least two (2) and ideally four (4) NRENs will have eduroam implemented and interoperating with the federations for internal use and replication

As predicted by the group, the countries bellow have started the effort to build an eduroam federation. They are:

- Colombia (RENATA - www.renata.edu.co)
 - Has already sign the ELCIRA MoU, but did not sign the eduroam Statement
- Argentina (Innova|Red- www.innova-red.net)
 - Has already sign the ELCIRA MoU, and the eduroam Statement
- Costa Rica (CONARE - www.conare.ac.cr)
 - Has already sign the ELCIRA MoU, and the eduroam Statement

The following NRENs are in in testing period, but they have not signed any document yet:

- El Salvador (RAICES - www.raices.org.sv)
- Ecuador (CEDIA - www.cedia.org.ec)
- Uruguay (RAU - www.rau.edu.uy)



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Seven (7) NRENs should sign an agreement to implement eduroam internally within 2 years from the project end.

It is expected that at the end of the project we have at least those NRENs already committed to implement eduroam:

- Colombia (RENATA - www.renata.edu.co);
- Argentina (Innova|Red- www.innova-red.net);
- Costa Rica (CONARE - www.conare.ac.cr);
- El Salvador (RAICES - www.raices.org.sv);
- Ecuador (CEDIA - www.cedia.org.ec).
- Uruguay (RAU - www.rau.edu.uy);
- Mexico (CUDI - <http://www.cudi.edu.mx>);

2.4. WP5 - EXTENDING AND STRENGTHENING THE COLLABORATION PLATFORM

WP5 will provide tools for researchers to improve their interaction on both continents. This will also avoid unnecessary development of similar tools by different projects by providing them with a tool that should become a standard for EU-LA collaboration.

The following are the metrics to measure this impact:

At least 6 User Communities become users of the Portal Services each year (this includes the 4 new communities)

About (20) twenty user communities become users since June 2012. Here we detail communities with more members:

Community	Description	Created	Members
CKLN	Staff and Board members of the Caribbean Knowledge and Learning Network, CKLN, in addition to strategic network and other partners. This space will enable private meetings , recordings of such meetings in the pursuance of the work of the CKLN.	14-Nov-2012	2352
NebulAtom	NebulAtom: a capacity development workshop for Latin American astronomers on emission-line objects in the Universe	19-Sep-2012	24
UCA-DAE	This is the community of the Department of Business Administration of the UCA	04-Jan-2013	16
Tical-SERV-ACAD	Group discussion on best practices in Academic Services	05-Apr-2012	12
Aplicaciones-Cientificas	Scientific applications of Costa Rica	29-Jun-2012	9
DEDUN	Community of University Teaching Department	22-Apr-2012	6



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RedCLARA will provide this metric taking information from the portal logs. The statistic shall take into account not only registered users, but the communities with active members. In this area, the measurement shall have how many times a specific service is used for each community.

Training Workshops for the use of Portal Tools provided at least 6 times during the project for over 8 communities each one

During this year we organized the following workshop:

- Training workshop on appropriation of Federation Identity and Advanced Computing Interfaces
In a cooperation with the CHAIN project, promoted and supported the Colombian NREN, we have worked out a hands-on training (November 26th-30th) at Bucaramanga, Colombia, in order to train the technical staff of Colombia, Venezuela, Ecuador and Panama in the use of advanced computational interphase and tools. The RedCLARA HPC Community is now leading the deployment of the advanced computational services

Now that training videos have been delivered, Training Workshops will be planned and executed. This metric will be reached during the second year of the project.

2.5. WP6 - FOSTERING THE COLLABORATION BETWEEN EU AND LA RESEARCHERS

In WP6 we will foster collaboration and provide training, tools and support to ensure that end users adopt the technologies developed or integrated in this project.

The following are the impact metrics proposed:

A total of at least 9 Case Studies on Projects using the e-Infrastructure in a meaningful way

Three Cases Studies on Projects where developed during the this year. In order to share the practices of the most successful communities, RedCLARA has developed the cases of study where the experiences, procedures and the organizations strategies are registered for the most successful communities. From these selected group of research teams we have chosen three:

- LAGO (Large Aperture Gamma Ray Burst Observatory)
- LACLO (Latin American Community of Learning Objects)
- MAPAD2 (MAP & Arts Program for Dance and Performance Digital)



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There are 2 case studies already identified and the other 4 will be identified during the next year.

At least 6 Large Scale Events, including the event for the promotion of RU Research Programmes and calls

During this year we organized the following events:

Date	Event
19-Jun-2013	Federaciones de Identidad: llave de acceso a servicios TIC para la Academia
29-May-2013	2do. Día Virtual sobre el Autismo
22-May-2013	Hacia la universalidad del acceso abierto
13-Mar-2013	Día Virtual de Objetos de Aprendizaje
27-Feb-2013	Día Virtual sobre el Autismo
23-Jan-2013	Acceso Libre a Laboratorios Complejos Laboratorios Virtuales y Tele-operados
05-Dec-2012	Segundo Día Virtual de e-Cultura
21-Nov-2012	Día Virtual de e-Comunicación
24-Oct-2012	Día Virtual de Física de Altas Energías
12-Sep-2012	Día Virtual de e-Salud

More information at <http://www.redclara.net/emb/eventos.redclara.net/indico>

Is important to highlight the event "Hacia la universidad del acceso abierto" with the participation of 120 people connected. More information at http://www.redclara.net/indico/evento/webinario_acceso_abierto

(4) Four new user research and education's communities created each year (a total of 8 research communities during the project lifetime)

About (20) twenty user communities were created since June 2012. In the following table we refer those communities that are currently showing an important number of members:

Community	Description	Created	Members
CKLN	Staff and Board members of the Caribbean Knowledge and Learning Network, CKLN, in addition to strategic network and other partners. This space will enable private meetings , recordings of such meetings in the pursuance of the work of the CKLN	14-Nov-2012	2352
NebulAtom	NebulAtom: a capacity development workshop for Latin American astronomers on emission-line objects in the Universe	19-Sep-2012	24
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Community	Description	Created	Members
Cientificas			
DEDUN	Community of University Teaching Department of the University of Costa Rica	22-Apr-2012	6

(3) Three services approved and implemented in a pilot fashion at M15 at a scale of 60 users and of 3000 users in M22.

This metric can be measured from August 2013.

3. CONCLUSION

Metrics are accomplished according to the goals set and in many cases exceeded the expectations. It is estimated that by the end of the project, objectives will be achieved.



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