



# Experiences with Global Science Communities

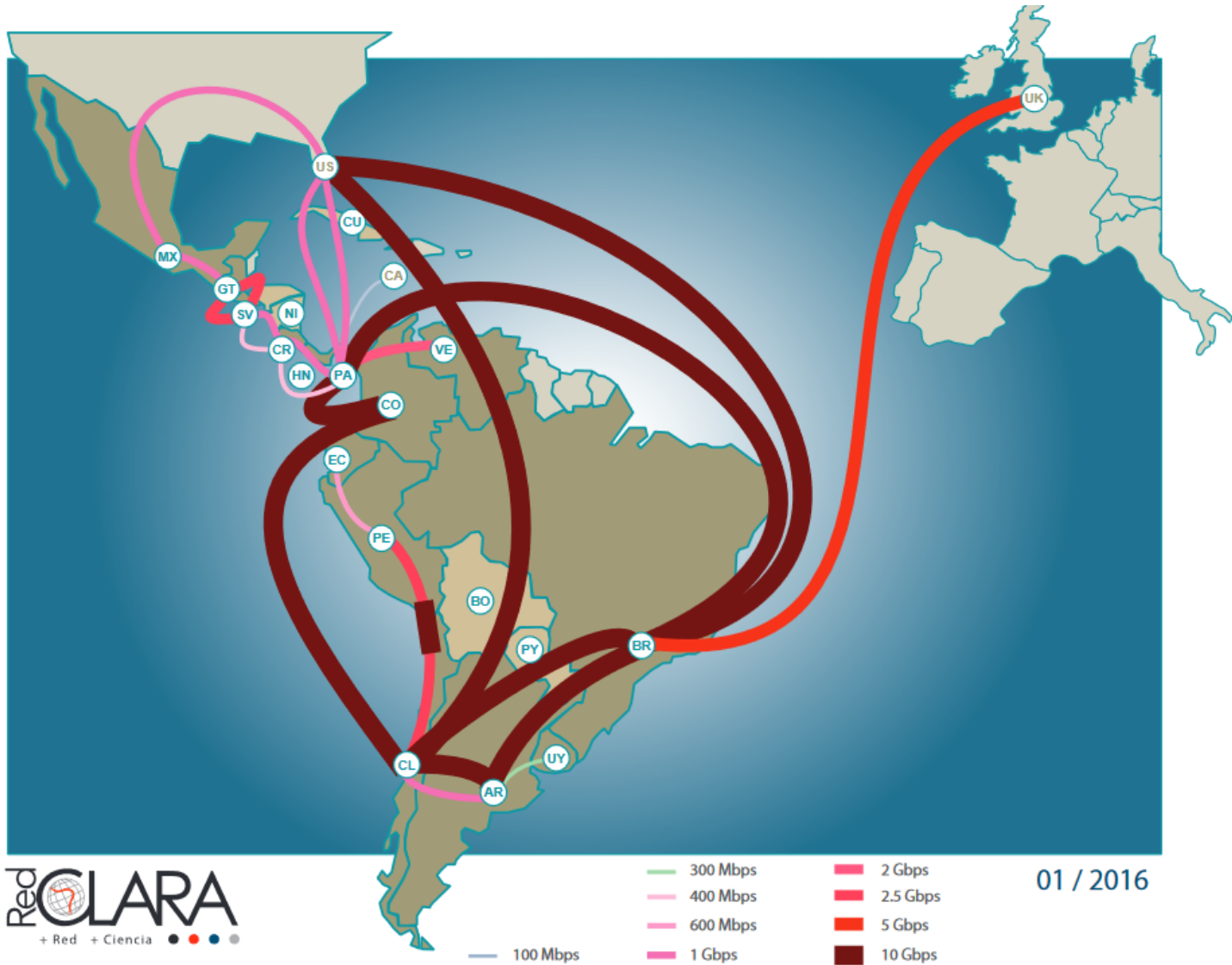
**Tania Altamirano L.**  
**Academic Communities Coordinator**  
**RedCLARA**

November 4th, 2016  
Ubuntunet Connect 2016  
Entebbe, Uganda

# About RedCLARA



**Magic**  
Middleware for collaborative Applications  
and Global virtual Communities



**RedCLARA**  
+ Red + Ciencia ● ● ● ● ●

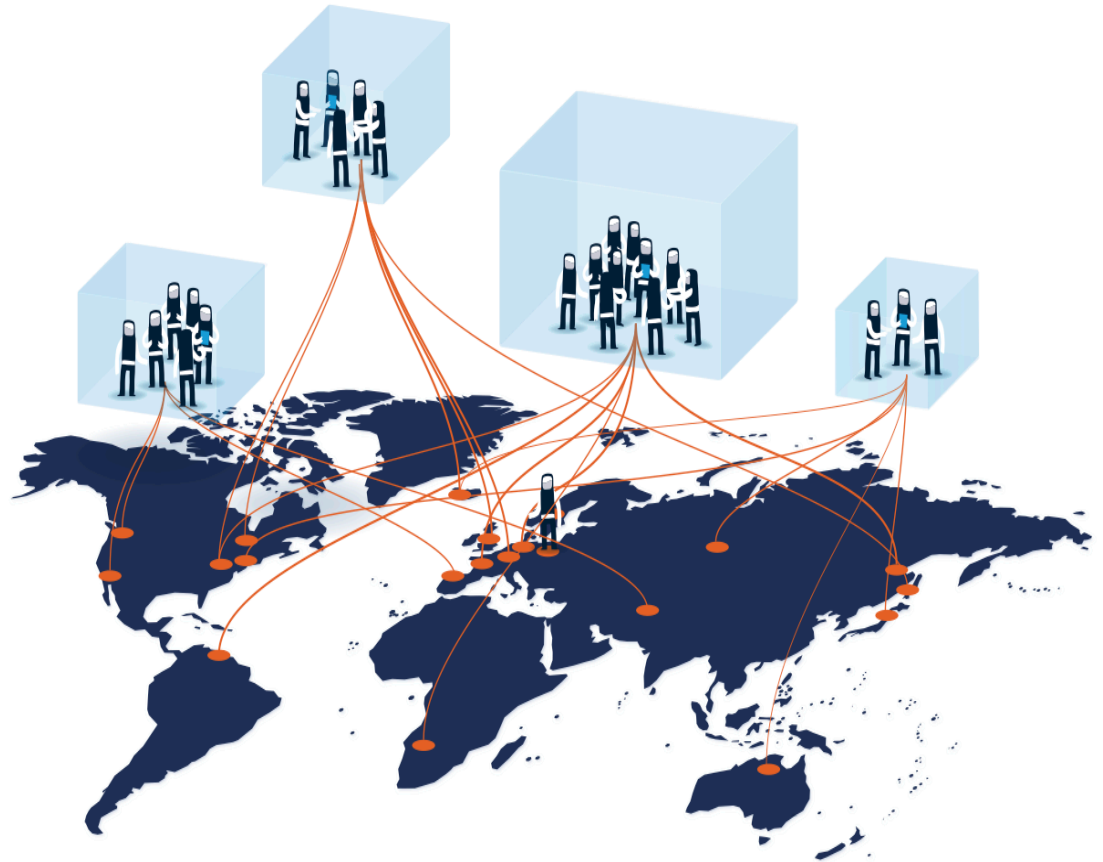
# About MAGIC



- **M**iddleware for collaborative **A**pplications and **G**lobal **v**irtual **C**ommunities
- Project evaluated and approved for a Grant by the EC in Horizon 2020
- EU contribution € 1,388,972
- Start: 1st May 2015
- End: 30th April 2017
- General Objective: To establish a set of agreements for participating world regions to consolidate/complete middleware for a marketplace of services and real-time applications to benefit global science communities.

# Global Science Communities

- Groups of experts (researchers and/or academics) from different parts of the world with a common interest, working together on activities, sharing best practice, knowledge and experiences



# Establishing the Communities

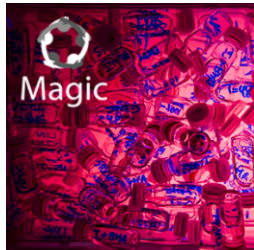


- Contacts requested through regional reps, who in turn contacted NRENs
  - WACREN Focal Points proved very useful
- Invitations sent directly to the contacts to join the GSCs
- Community spaces created on Virtual Collaboration Platform, Colaboratorio: <https://colaboratorio.redclara.net>
- Champions and anchors identified
- Initial engagement events organised in February 2016

# Four Communities



**Magic**  
Middleware for collaborative Applications  
and Global virtual Communities



## E-Health

First meeting: Feb 2nd

Members: 58

Thematic Leader: Luiz Ary Messina,  
National Coordinator of Rute (Rede Universitária de Telemedicina), Brazil.



## Biodiversity

First meeting: Feb 11th

Members: 31

Thematic Leader: José Ramón Martínez  
Professor and researcher of the Universidad Autónoma de Santo Domingo (UASD), Dominican Republic.



## Environment

First meeting: Feb 18th

Members: 28

Thematic Leader: David C. Smith,  
Coordinator Institute for Sustainable Development, The UWI, University of the West Indies, Jamaica.



## Remote Instrumentation

First meeting: Feb 25th

Members: 16

Thematic Leader: Patricia Santiago,  
Associate Professor Physics Institute, Universidad Autónoma de México (UNAM), Mexico.

# Colaboratorio GSC working places

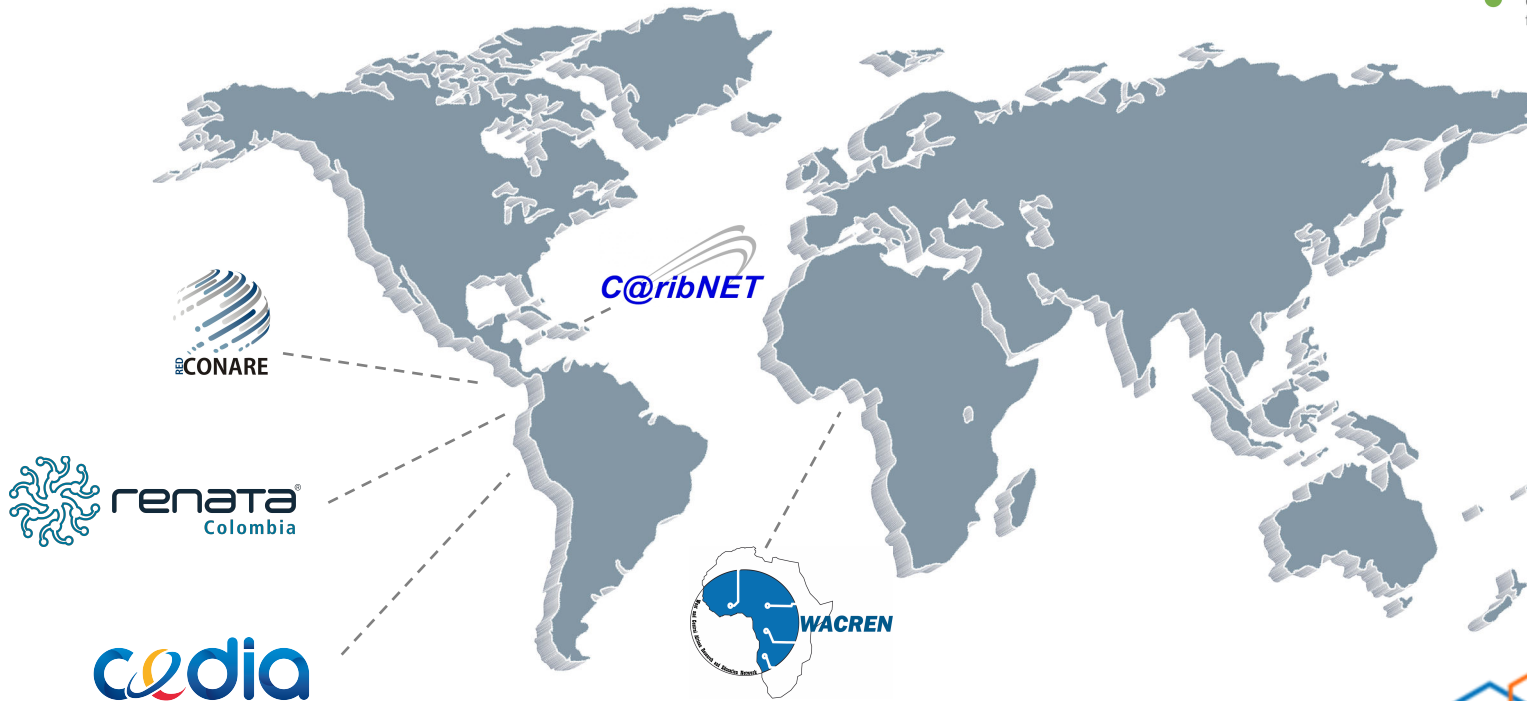


# What's Colaboratorio?



Platform developed to support and promote the collaboration of scientists and academic groups.

# What's Colaboratorio?



# What's Colaboratorio?



Colaboratorio

West and Central African Research and Education Network

COLABORATORIO

Home

Communities

Partners Finder

VC Espresso

SIVIC

eNVIIO

### Academic Breaking News

### Funds Alert

EU-LAC Foundation's Open Call for Research Projects | Second Semester 2015 Edition

Under the Foundation's regular Open Call, researchers and...  
Read more  
By Sistema de Fondos y Busco Socios | 3 weeks ago

Institutional Links grants - Newton Fund - July 2015

Newton Institutional Links aims to build UK-partner... Read more  
By Sistema de Fondos y Busco Socios | 3 weeks ago

### News

Within the Framework of LA Referencia: IBICT launches the new version of its pa... Read more  
By maria-jose.lopez@redclara.net | yesterday

Check-out the fifth edition of the RedCLARA Compendium of Latin American Nat... Read more  
By maria-jose.lopez@redclara.net | yesterday

colaboratorio.ceedia.org.ec

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Seg RedCLARA

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Comunidades 15 Miembros Wiki Sala Comunidad

Busco Socios

VC Espresso

SIVIC

eNVIIO

### Gerencia de Relaciones Académicas

La Gerencia de Relaciones Académicas de RedCLARA depende de la Dirección de Innovación y Desarrollo de RedCLARA, que es la instancia responsable por los procesos de innovación y el desarrollo de nuevas iniciativas en toda la organización, así como también de la promoción de servicios entre los socios, el desarrollo de recursos humanos y la creación de nuevos productos y servicios. La Gerencia de Relaciones Académicas de RedCLARA tiene por misión asegurar la correcta articulación entre las Comunidades de investigación que apoya RedCLARA, el Comité de Aplicaciones y la Gerencia de Relaciones Académicas, para fortalecer las actividades de investigación, innovación y educación en el contexto latinoamericano, actuando en coherencia con

Consejo Nacional de Rectores

INICIO CONARE SERVICIOS RED DE TRANSFERENCIA INICIATIVAS INTERUNIVERSITARIAS

Inicio Servicios Salas Videoconferencias

CONARE COLABORATORIO

### Buscar una comunidad

Mapa de Colaboración Comunidad

Busque por palabras...

MIS COMUNIDADES AZ ÁREA TEMÁTICA COMUNIDADES DE SU INTERÉS

Directores-RNI

Representantes Institucionales de los Socios Plenos de RedCLARA

22 Miembros

Red + Ciencia

Comunidad RedCLARA

3528 Miembros

### Agenda Global

1st International Conference on Open Source Software Computing German Jordanian University

2015-09-10

Info Day on the Horizon 2020 Work programme 2016-2017 'Secure, Clean and Efficient Energy' Brussels, Belgium

2015-09-15

LACNIC 24 - LACNOG

RedCLARA COLABORATORIO

Inicio

Comunidades

Fondos y socios

VC Espresso

SIVIC

eNVIIO

Agenda Global

### Actualidad Académica

### Alerta de Fondos

Validation of fuel cell urban trucks and related infrastructure

2016-02-01 | European urban areas are increasingly facing deterioration of their air quality. Among other...

Manufacturing technologies for PEMFC stack components and stacks for transport applications have reached...

2016-02-01 | Even though the development of PEMFC components and stacks for transport applications have reached...

### Noticias

Proyectos de I&D y el cable submarino entre Brasil y Europa son destacados del evento

2015-11-19 | En 17 y 18 de noviembre, ocurrió, en el Palacio de Itamaraty, en Brasilia, el...

Convocatoria para WSS Prizes 2016 está abierta

2015-11-19 | El concurso de WSS Prizes es un reconocimiento único por la...

### Agenda Global

First virtual meeting of the Global Science Community on e-Health

Inicia: 2016-02-02; Termina: 2016-02-02 | The development and fostering of Global Science Communities is the major duty of MAGIC... Ver más

The 3rd International Conference on Mathematical Sciences and Computer Engineering (ICMSCE 2015)

Inicia: 2016-02-04; Termina: 2016-02-05 | &#amp;#p;v Website: http://www.icmsce.com/#/index&#p;v The 3rd International... Ver más

### Comunidades

Colaboratorio - RENATA

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

renata Colaboratorio Colombia

Desarrollado con RedCLARA

Mapa de Colaboración Comunidad

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BDCOL

Buscador Académico

Busco Socios

Comunidades

eNVIIO

Funding Pivot

LARReferencia

RENATA en Vivo

Oficina Virtual

SIVIC

VC Espresso

Videoconferencia RENATA

### Buscar una comunidad

Mapa de Colaboración Comunidad

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MIS COMUNIDADES AZ ÁREA TEMÁTICA COMUNIDADES DE SU INTERÉS

Mallman dev-changes

Mallman dev-changes

3 Miembros

nren\_test

Nren Test community

2 Miembros

Mallman development-changes

Mallman development-changes

### Agenda Global

e-Challenges 2015

Vinius, Lithuania

2015-11-25

Cloudscape Brazil 2015

Rio de Janeiro, Brasil

2015-12-01

e-AGE 2015, Revealing and Harvesting Knowledge

Casablanca, Morocco

2015-12-07

The 2nd International Conference on Soft Computing & Computational Mathematics (ICSCCN 2015)

Langkawi, Malaysia

2015-12-10

# Who use Colaboratorio today?



To date it hosts **429 communities**  
and has **9,989 registered users** (  
from around the world

## Areas

Humanities  
Engineering and Technology  
Natural Sciences  
Health Sciences

## Countries

Nigeria, France  
Burkina Faso  
Senegal, Colombia, UK, Ethiopia  
México, Chile, Brazil, Jamaica,  
Costa Rica, Grenada,  
Chile, Czech Rep, Italy...

# What can we do on Colaboratorio?



eNVIO: Large files transfer

Funding and partners: Open funding calls and partner/collaborator

VC Espresso: Webconference Meetings

Communities: Creating and participate in academic/research groups

Global Agenda: Access to a worldwide list of events

Foodle: To schedule meetings and activities

# Community Activities



- Funding and Partner opportunities through Colaboratorio and email alerts
- Exchanging ideas and information sharing
- Virtual events (Webinars) on key topics specific to the field and/or of general interest
  - e-Health Grand Rounds
  - Remote Instrumentation in Medical Applications
  - Webinar on Science Communication
  - Webinar on H2020 funding Opportunities
- All presentations and materials available online
- Plan is to see a project emerge from the GSCs



## Global e-Health Grand Rounds

from 6 September 2016 to 11 October 2016  
GMT timezone

- > Home
- > Call for Presentations
- > Submit your abstract
- [Submit Abstract](#)
- [View my Abstracts](#)
- > How to participate
- Contact
- ✉ [taniam.altamirano-lopez@...](mailto:taniam.altamirano-lopez@...)

Welcome to the **Global e-Health Grand Rounds**. This activity aims to offer the opportunity of knowing different experiences related to e-Health from around the world, contributing and sharing knowledge and exploring the possibility of collaboration.

The development and fostering of Global Science Communities is the major activity of **MAGIC** (Middleware for collaborative Applications and Global virtual Communities) a project lead by RedCLARA with partners from Latin America, Europe, the Caribbean, West and Central Africa, Eastern and Southern Africa, North Africa and the Middle East, Central Asia and Asia-Pacific.

MAGIC is being implemented by a consortium of Regional Education & research networks (RENs) and National R&E networks (NRENs) from 20 countries and regions around the world.

The consortium was established to work together to develop advanced technology tools and a software platform that will allow research and education resources, applications, and other knowledge sharing resources, developed and owned by the more developed countries, to be available and shared by less developed countries and regions.

► **Link to participate:** <http://vcespresso.redclara.net/vc/ehealth>



E-HEALTH I



CARDIOLOGY I



E-HEALTH II



CHILD AND ADOLESCENT HEALTH




E-HEALTH III



CARDIOLOGY II

 Starts 6 Sep 2016 13:00  
Ends 11 Oct 2016 15:00  
GMT

 Mrs. Altamirano López, Tania  
Mr. Banda, Tiwonge  
Mrs. Wint-Bond, Colleen  
Dr. Lopes, Paulo  
Dr. Messina, Luiz

 Slides Cardiology I  
Slides Cardiology II  
Slides Child and Adolescent Health  
Slides e-Health I  
Slides eHealth II  
Slides eHealth III

 • Hours are presented in GMT/UTC (Greenwich Mean Time). Please check your local time  
at: <http://www.timeanddate.com/worldclock/fixedtime.html?msg=MAGIC+project+-+e-Health+Grand+Rounds&iso=20160810T13&p1=1440&ah=2>

mconf-live1.redclara.net/conference/ Buscar

Más visitados Comenzar a usar Firefox GSC\_RInstrumentation GSC\_e-Health GSC\_Environment GSC\_Biodiversity

Mconf Silenciado (Grabando) GSC e-Health by ELCIRA Atajos de teclado

Usuarios : 35

Estado	Nombre	Media
	Colleen Wint -C	
	Dr. D.O. Adeye	
	Eriko Porto	
	Falana Benedic	
	Jeanette Bartley	
	Jennifer	
	kalina	
	kamali carroll	
	Loxley	
	Martha Avila	
	Messina - RUTE	
	Mustapha B Ha	


Audencia Silenciada

Shared notes

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oiobles@uvg.edu.gt (Oscar Iván Robles.  
Universidad del Valle de Guatemala)  
bamidele.ajilore@uniosun.edu.ng  
waledavade@yahoo.com  
delekejo@yahoo.com (Professor Adeleke

Presentación: Magic\_@Il\_RUTE\_RNP\_2016-02-02-2.ppt

The GLIF map *does not* represent all the world's Research and Education optical networks



RNP REDE NACIONAL DE ENSINO E PESQUISA  
PROMOVENDO O USO INOVADOR DE REDES AVANÇADAS NO BRASIL

RUTE

Chat


Todos Opciones

specially in nutrition monitoring  
Carlos Hernández 10:36  
Carlos Hernández, I am interested in developing technologies for monitoring risks during interventions and for early detection of diseases.  
Colleen Wint -CKLNA 10:38  
we see you  
Nancy (MX) 10:38  
It works

Enviar

Área de video

Messina - RUTE



# Lessons Learnt



- It's not easy and it's not fast.
- The works with communities need the support of a dedicated team.
- To offer a platform is not enough, training is always needed.
- Generation of material for consultation.
- Sharing is the key, between communities members and from one community to another.
- The tools helps but is the motivation and the interest what moves collaboration.

# Thank you!

**More info:**  
<http://magic-project.eu/>

[tania.altamirano@redclara.net](mailto:tania.altamirano@redclara.net)