



Middleware for collaborative Applications and Global virtual Communities

Florencio I. Utreras | CLARA | 25-05-16 | CUDI 2016 Reunión de Primavera

Objetivos



- Establecer una serie de **acuerdos** entre las regiones del mundo participantes en MAGIC, para consolidar y completar el **software intermedio** (Middleware) requerido para establecer un **mercado de servicios y aplicaciones en tiempo real** para los **grupos de investigación internacionales**, favoreciendo la **movilidad** y la conformación de comunidades globales de investigación.

Objetivo Específico I.



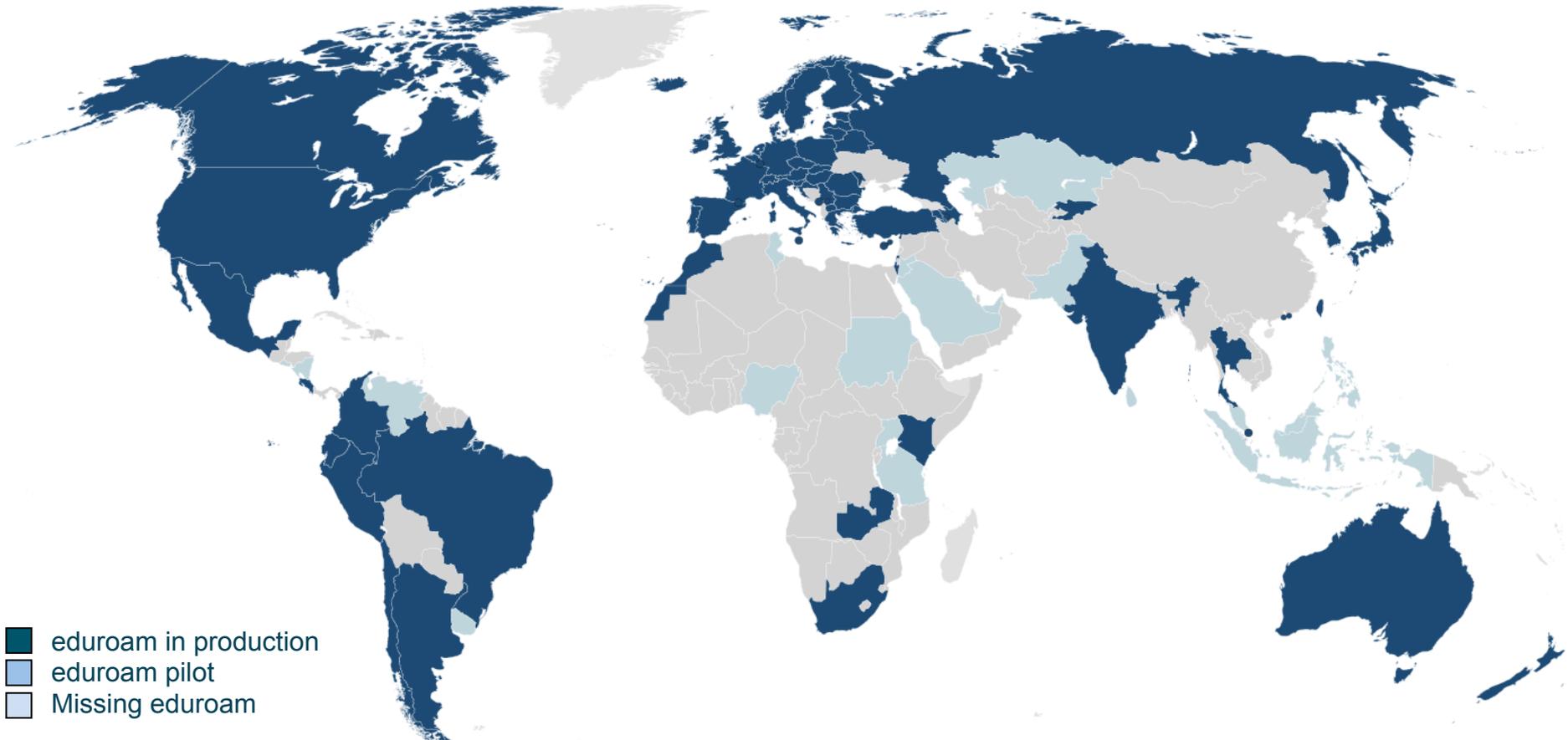
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- Permitir la movilidad y el acceso transparente a los servicios mediante:
 - la promoción del establecimiento de Federaciones de Identidad conectadas a eduGAIN,

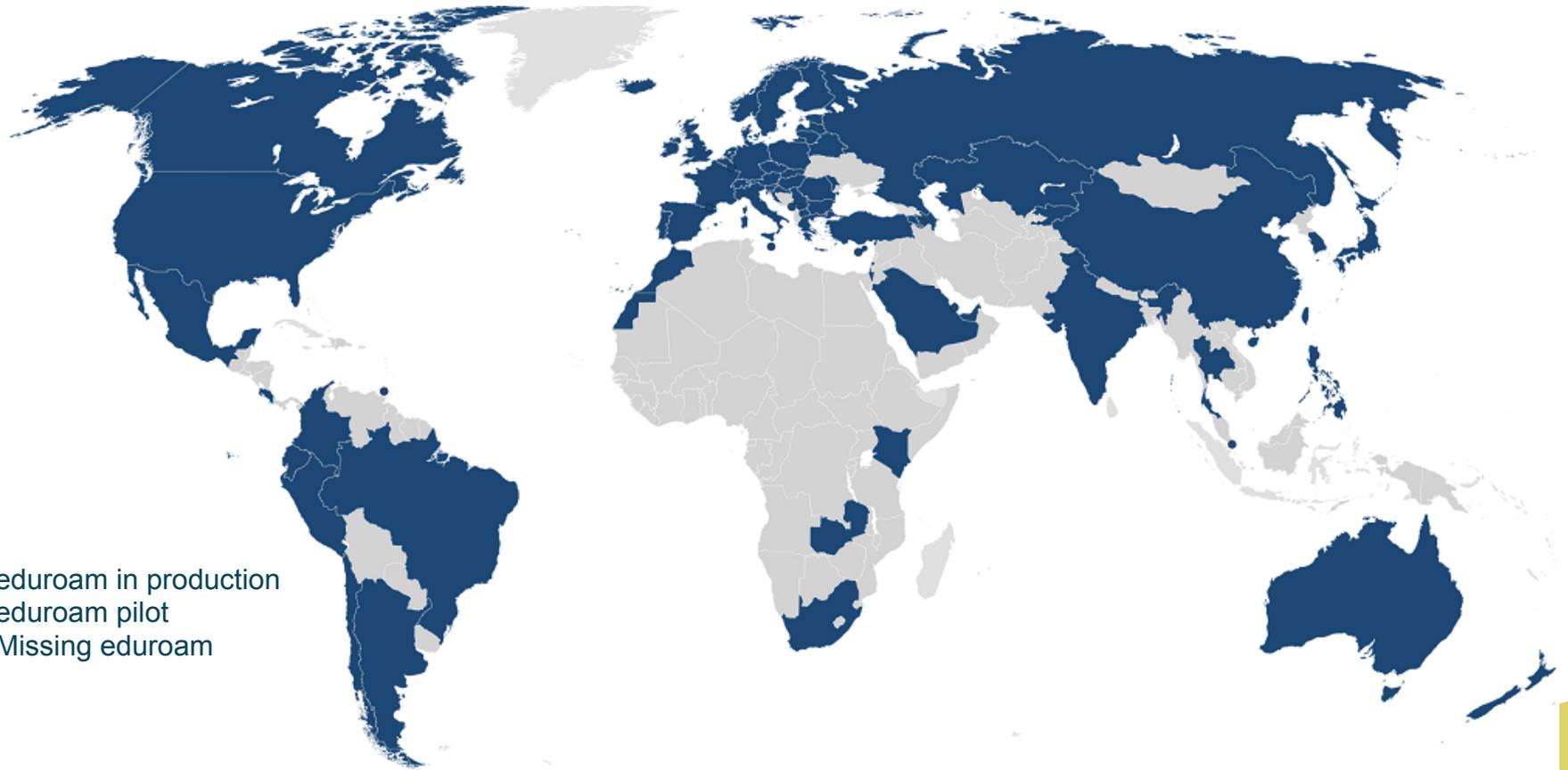


- la concientización sobre los problemas de seguridad y privacidad, y
- el aumento del alcance de eduroam





-  eduroam in production
-  eduroam pilot
-  Missing eduroam



-  eduroam in production
-  eduroam pilot
-  Missing eduroam

Objetivo Específico II



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- Desarrollar un modelo para la **inter-operación** entre los mercados de aplicaciones en **nube** de las redes nacionales (RNIE) de las regiones participantes del proyecto, con base en el aprovisionamiento en nube y aprovechando las **aplicaciones desarrolladas y dispuestas en línea por ellas (RNEI)** en el mundo para crear un modelo para un **mercado de aplicaciones global**.
- **Avances**
 - Colaboratorio desplegado en
 - Colombia, Ecuador, Africa Occidental (WACREN), México (VCEspresso)
 - Colaboratorio en Francés
 - Nuevas aplicaciones en camino
 - EtherPad para edición interactiva
 - JITSI, conversación web
 - CNC, almacenamiento en línea estilo Box

Servicios en Nube de RNEIs para Magic



RNEIs

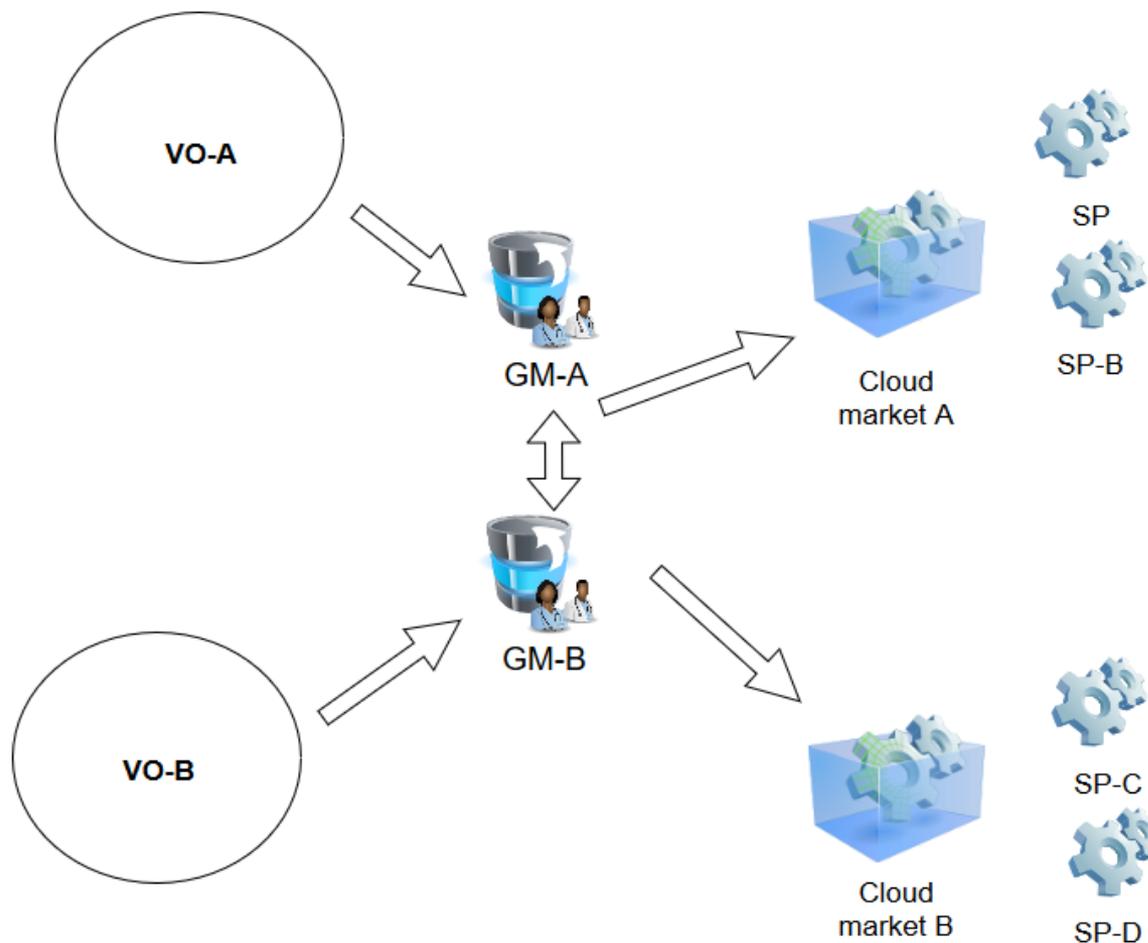


Gestión de Grupos



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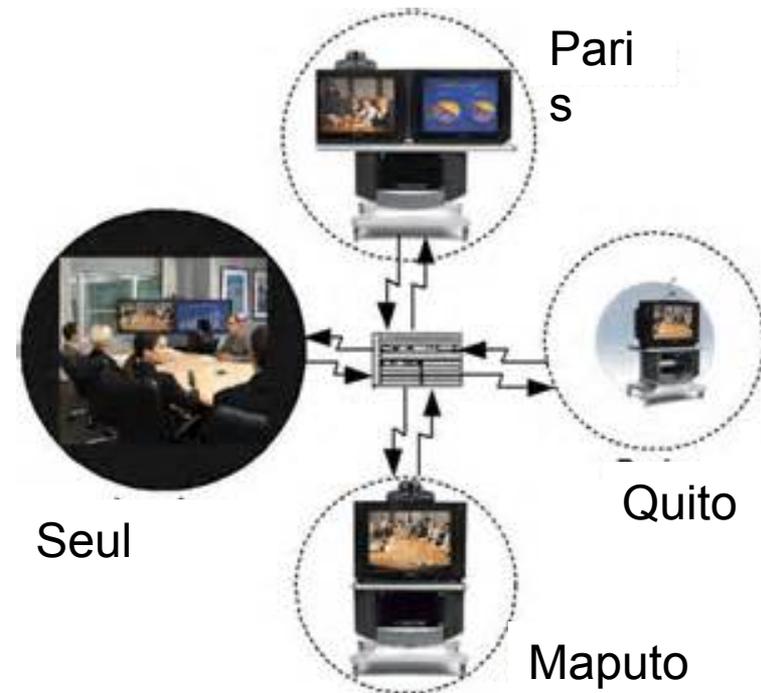


Objetivo Específico III



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- Buscar el consenso en la **interoperabilidad de las aplicaciones en tiempo real** y trabajar en pro de la adopción de normas tales como las propuestas por el Foro Global CEO.
- **Resultado a presente**
 - 6 redes de América Latina han implantado NRENum.net



Objetivo Específico IV



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- Fomentar el trabajo colaborativo de **Comunidades Globales de Ciencia**, promoviendo activamente la participación de los investigadores en las convocatorias de la Comisión Europea y otras agencias internacionales de financiamiento.
- **Comunidades formadas en:**
 - Salud
 - Clima y Medio Ambiente
 - Biodiversidad
 - Instrumentación remota

H2020

JICA

Erasmus

Comunidades Globales



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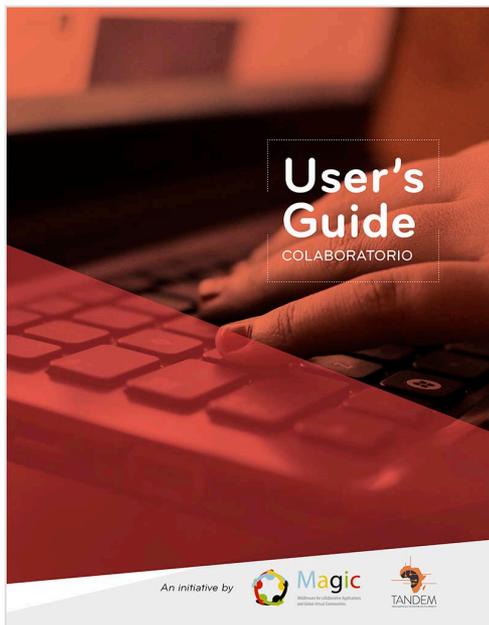
Las Comunidades



The image displays four overlapping screenshots of the MAGIC website, each showing an event announcement for a 'First virtual meeting of the Global Science Community' on different topics. The screenshots are arranged in a cascading manner, with the most recent one (Remote Instrumentation) being the largest and most prominent.

- Top-left screenshot:** Event on e-Health, dated 2 de febrero de 2016.
- Second screenshot:** Event on Biodiversity, dated 11 de febrero de 2016.
- Third screenshot:** Event on Environment, dated 18 de febrero de 2016.
- Bottom-right screenshot (largest):** Event on Remote Instrumentation, dated 25 de febrero de 2016. This screenshot includes a detailed description of the event, the MAGIC project's goals, and contact information for Altamirano López, Tania Banda, and Tiwonge. It also features a 'Slides' section and a time zone conversion tool.

Material de Capacitación



MAGIC
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A collaboration project to globally connect researchers and academics

Building on the success of the ELORA project, RedCLARA - with partners from Africa, Arab States, Asia, Europe, Latin America and The Caribbean - is leading MAGIC, a cooperation project which aims to significantly improve the ability of researchers and academics around the world to collaborate together.

Connect, contribute, collaborate!

MAGIC is fostering the collaborative work of **Global Science Communities** by:

- Actively promoting the participation of researchers from all participating regions in European Commission Calls and those of other international funding agencies with high impact in the participating regions and other networking activities.
- Promoting and fostering the use of collaboration technologies among worldwide research communities, encouraging the proper and active use of the collaborative platforms, services and tools; by supporting them with training material and activities to learn how to use the tools.
- Using these collaborative platforms to spread knowledge and the practices of the Global Science Communities by sharing information and experiences among experts in the priority fields identified, looking to raise awareness of prevailing issues to wider audiences including policy makers, and also, to foster and improve collaboration among researchers of the MAGIC regions.

Information please write to the leader, Tiwonge Banda, at tiwonge@magic-project.eu

supported by the European Commission

users in Latin America.

How can we manage to do serious research without the resources to analyse our data?

MAGIC is uniting people with similar projects and issues in GLOBAL SCIENCE COMMUNITIES so that they can share! If we work with colleagues who have the instruments to do the analysis, we could get it done!

MAGIC
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<http://magic-project.eu/>

Socios



- Socios del Proyecto

- RedCLARA
- TERENA
- DANTE
- RENATA
- RNP (Non funded by EC)
- SURFNet (Unfunded)
- REUNA
- CEDIA
- CUDI (Unfunded)

- Socios Adheridos

- InnovaRed, APAN, EtherNet (Etiopía), RENAM (Moldova)

- Socios del Proyecto

- RENATER
- GRNet
- CESNet
- CKLN
- UbuntuNet
- WACREN
- ASREN
- TEIN*CC (Unfunded)
- CAREN NOC (NIT)
- NIIF
- CSIR (Unfunded)



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25/05/16

Reunión CUDI Primavera 2016 25, 26 y 27 de mayo

<http://www.magic-project.eu>