



MAGIC

Collaboration Tools and Agreements for Global Communities

ICT2015, Networking session: Towards global research e-Infrastructures for 2020 and beyond

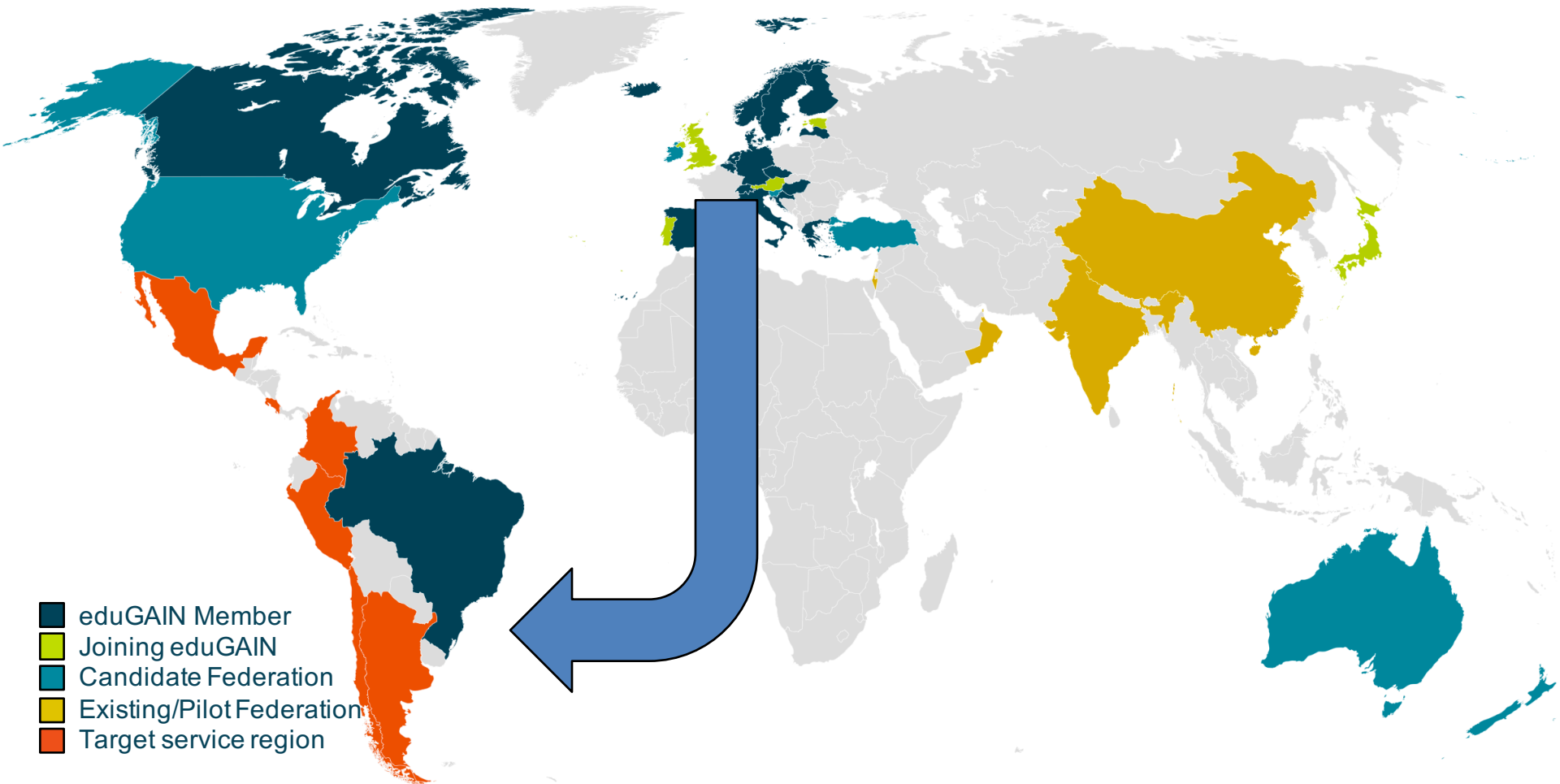
María José López & Brook Schofield | RedCLARA & GÉANT | 22-Oct-2015

Before MAGIC...

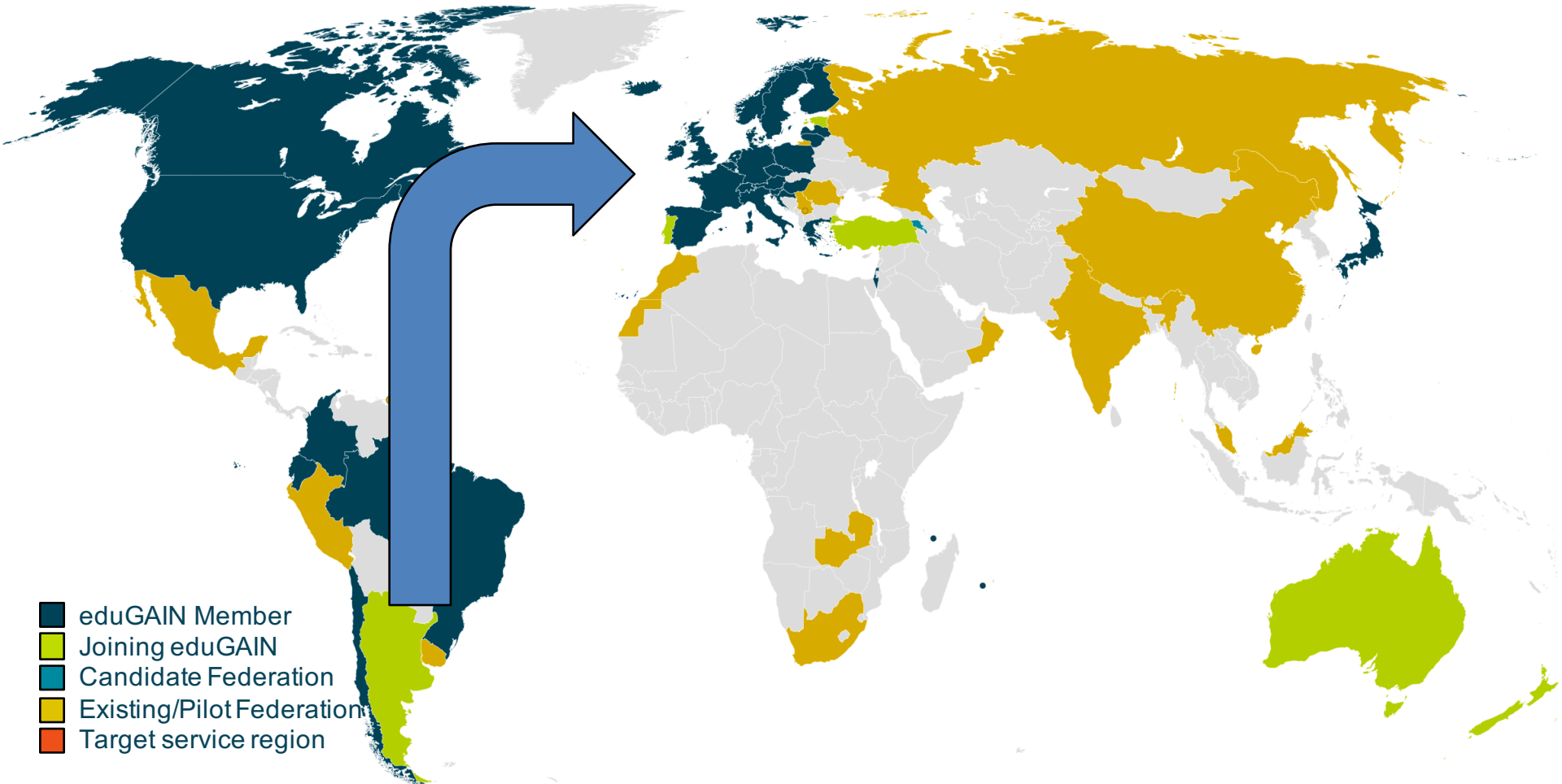
A circular graphic on the left side of the slide features a blue background with white binary code (0s and 1s) and glowing white lines, suggesting a digital or network theme.

Europe Latin America
Collaborative e-Infrastructure for
Research Activities

At the start of the ELCIRA project June 2012



At the end of the ELCIRA project June 2012 → Oct 2014



Take our success world wide

May 2015 → May 2017



- eduGAIN Member
- Joining eduGAIN
- Candidate Federation
- Existing/Pilot Federation
- Target service region

Project Structure



Project Management

Dissemination and Training

Platforms for Mobility

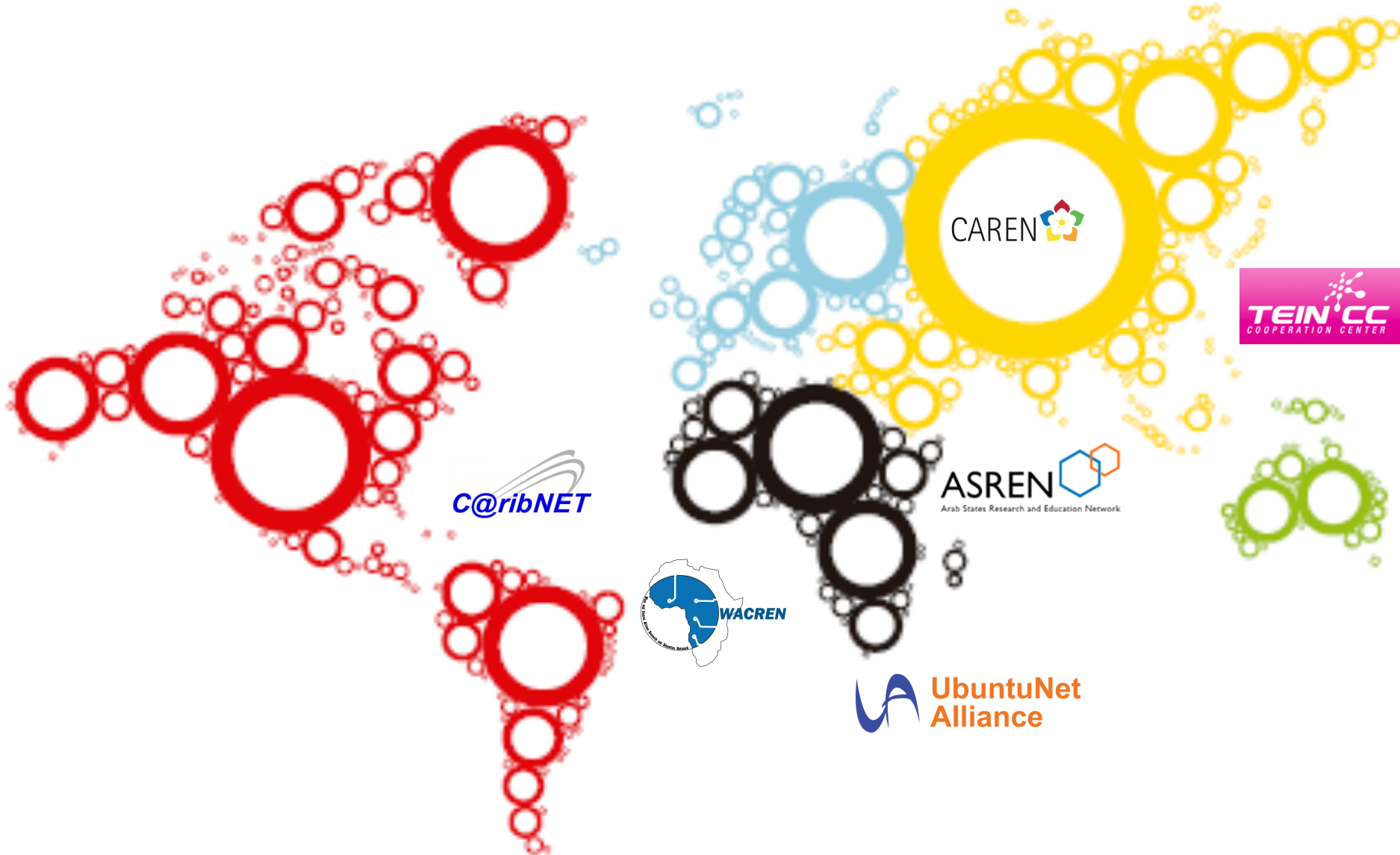
**Cloud Provisioning and
Groupware Standards**

Real Time Collaboration

**Global Science
Communities**



World Wide Contact Points



C@ribNET



ASREN
Arab States Research and Education Network

CAREN



UbuntuNet Alliance

Partners



- Grant Partners

- **RedCLARA** (Latin America) - Coordinator
- **GÉANT** (Europe)
- RENATA (Colombia)
- RNP (Brazil)
- SURFnet (Netherlands)
- REUNA (Chile)
- CEDIA (Ecuador)
- CUDI (Mexico)
- RENATER (France)
- GRNET (Greece)
- CESNET (Czech Republic)
- **CKLN** (Caribbean)
- **UbuntuNet Alliance** (S&E Africa)
- **WACREN** (W&C Africa)
- **ASREN** (Arab States)
- **TEIN*CC** (Asia-Pacific)
- **CAREN NOC – NITC** (Central Asia)
- NIIFI (Hungary)
- CSIR (South Africa)

- MoU Partners

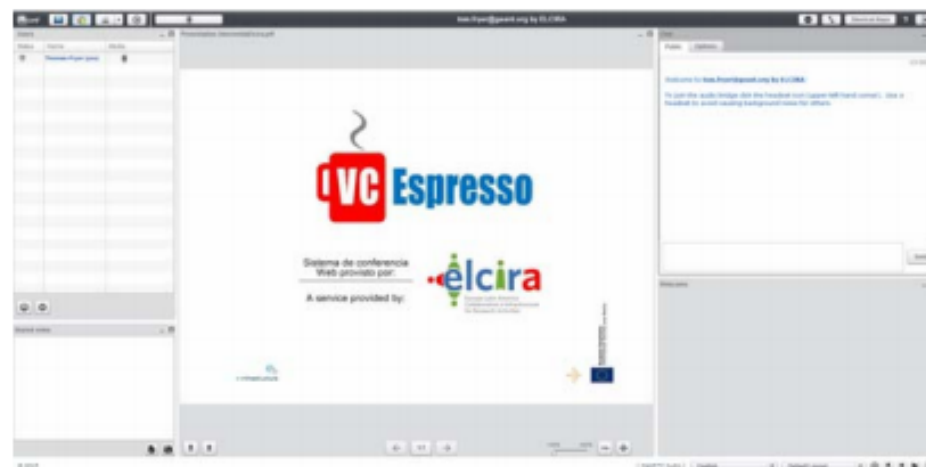
- InnovaRed (signed)
- APAN (in process)
- AARNet (in process)

WP2: Platforms for Mobility



WP3: Cloud Provisioning and Groupware Standards

- Federated Group Management (FGM) Standard
- **Applications** that will adopt the FGM Standard
- **Pilot portals** for the participant regions
- **Deployment** of a pilot Federated Cloud Service Model for NRENs



WP4: Real Time Collaboration



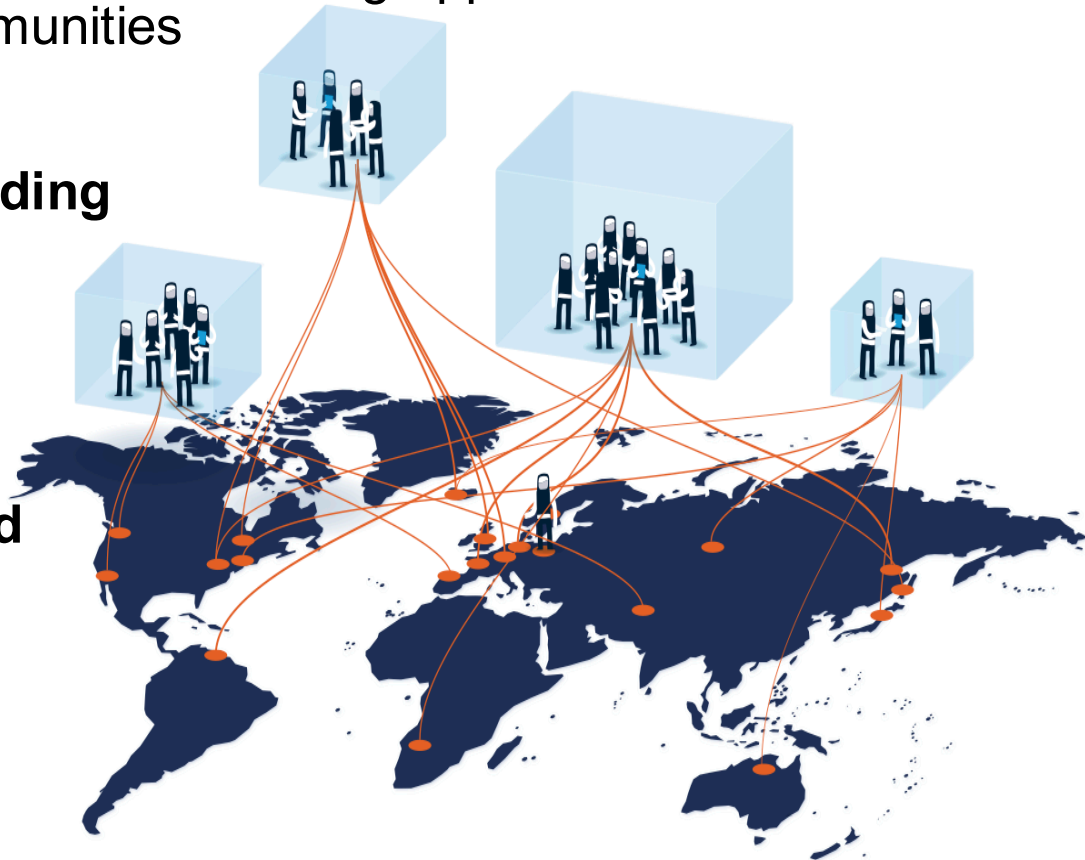
- To foster the adoption of the **NRENum.net**, for universal dialing using DNS
- To promote, and work with the **Global Real Time Collaboration (GRTC)** group
- Integrate **H.323** and MConf (**WebRTC**) for unified communications

#	country name	E.164	ENUMs
1.)	Hungary	+36	78910
2.)	Portugal	+351	47905
3.)	Croatia	+385	27959
4.)	Brazil	+55	10048
5.)	Spain	+34	6904
6.)	North American Numbering Plan	+1	5035
7.)	Argentina	+54	3564
8.)	Australia	+61	1956
9.)	Italy	+39	983
10.)	Greece	+30	911
11.)	El Salvador	+503	62
12.)	United Kingdom	+44	49
13.)	India	+91	22
14.)	Latvia	+371	21
15.)	Hong Kong	+852	20
16.)	Netherlands	+31	13
17.)	Belgium	+32	11
18.)	New Zealand	+64	10
19.)	France	+33	8
20.)	Peru	+51	6
21.)	Colombia	+57	2
22.)	Switzerland	+41	1
23.)	Romania	+40	1
24.)	Poland	+48	1

WP5: Global Science Communities



- Agreements on a set of **Worldwide User Communities** of common interest throughout the participating regions
- An Information System for Worldwide funding opportunities aimed at the end users and the user communities
- **Virtual Days** to foster collaboration at a worldwide scale and **International Funding Participation**
- Training on the use of Cloud applications for collaboration
- **Do you have a community and you think our tools and services could help you?**



Building in progress...

- **Training in the Arab States and the Caribbean on AAI and eduroam**
- **NRENum** Training in Latin America
- **Spanish, English and French** online course for NRENum deployment
- **Portuguese and Russian** languages supported
- **Groupware** standards analysis underway for **interoperability**
- **Portal** deployed for Latin America and **West Africa**



www.CaseforNRENs.org



Making the case for NRENs

Toolkit and resources to support funding and advocacy for R&E networks

- NRENs are essential in providing advanced ICT services to the research and education communities. Whilst they are well established in Europe, countries in other parts of the world face difficult challenges persuading stakeholders of the inherent value in operating an NREN.





Magic

Middleware for collaborative Applications
and Global Virtual Communities

<http://magic-project.eu>

**If you have a community and are
interested in our tools and
services we are here to help!**

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