First Virtual Meeting of the
Global Science Community (GSC) on Environment

Tiwonge Msulira Banda, MAGIC WP5 Team Leader
Tiwonge.Banda@UbuntuNet.net
February 18, 2016

Welcome

- Welcome to the First Virtual Meeting of the GSC on Environment

- Global Science Communities
  - Part of the MAGIC Project (www.magic-project.eu)
  - Interface of the project with the research Community globally
  - Communities around 4 priority areas
    - e-Health
    - Biodiversity
    - Environment
    - Remote Instrumentation

MAGIC Project at a Glance

- **M**iddleware for collaborative **A**pplications and **G**lobal v**I**rtual **C**ommunities
- 2 year project co-funded by the EC, from May 2015
- Seeks to establish a set of agreements for participating World Regions, aiming at consolidating and completing the building blocks of middleware necessary for the establishment of a marketplace of services and real-time applications for international and inter-continental research groups which facilitates mobility and the work of global science communities.

Partners

- Grant Partners
  - **RedCLARA** (Latin America)
  - **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-Paci▼ c)
  - **CAREN** NOC – NITC (Central Asia)
  - NIIFI (Hungary)
  - CSIR (South Africa)

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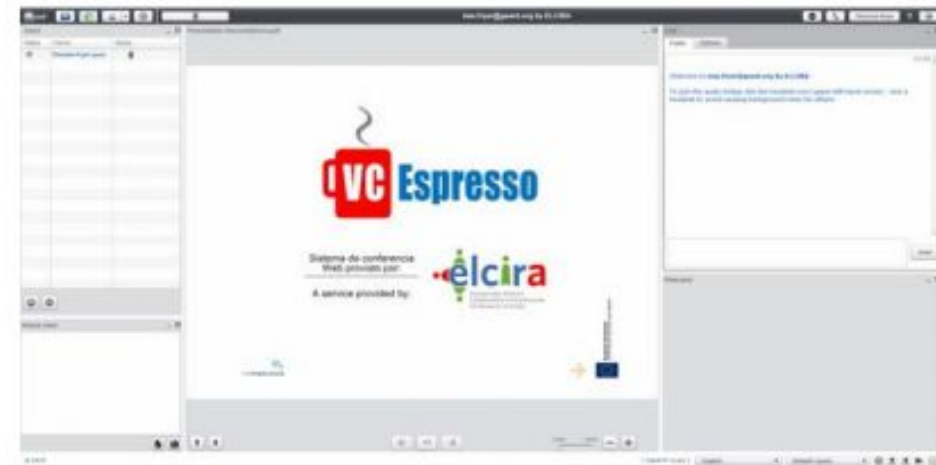 - AARNet (in process)

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 Sevice 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
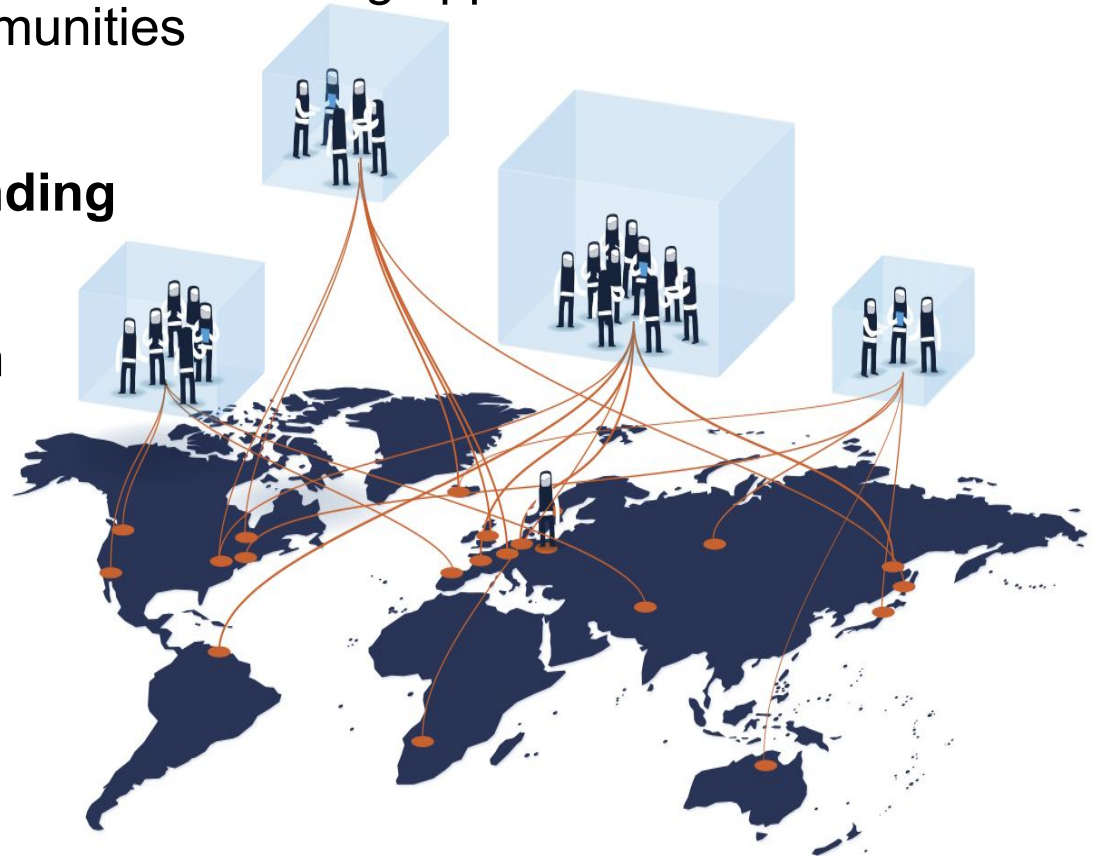
#	country name	E.164	ENUMs
1.)	Hungary	+36	78910
2.)	Portugal	+351	47905
3.)	Croatia	+385	27959
4.)	Brazil	+55	10048
5.)	Spain	+34	6904
6.)	North American Numbering Plan	+1	5035
7.)	Argentina	+54	3564
8.)	Australia	+61	1956
9.)	Italy	+39	983
10.)	Greece	+30	911
11.)	El Salvador	+503	62
12.)	United Kingdom	+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

Opening Conf. for Environment GSC

Purpose

- Opening Conference for Environment GSC
- Bring together members to share experience
- Explore areas of collaboration
- Outline next steps for the Community

Welcome and Feel free to contribute and participate

- We do not know how the community should proceed, and so we leave it to you as the experts in the field to determine this. We have the tools for collaboration.

magic-project.eu

Thank you!