



## e-Infrastructures in the Mediterranean region

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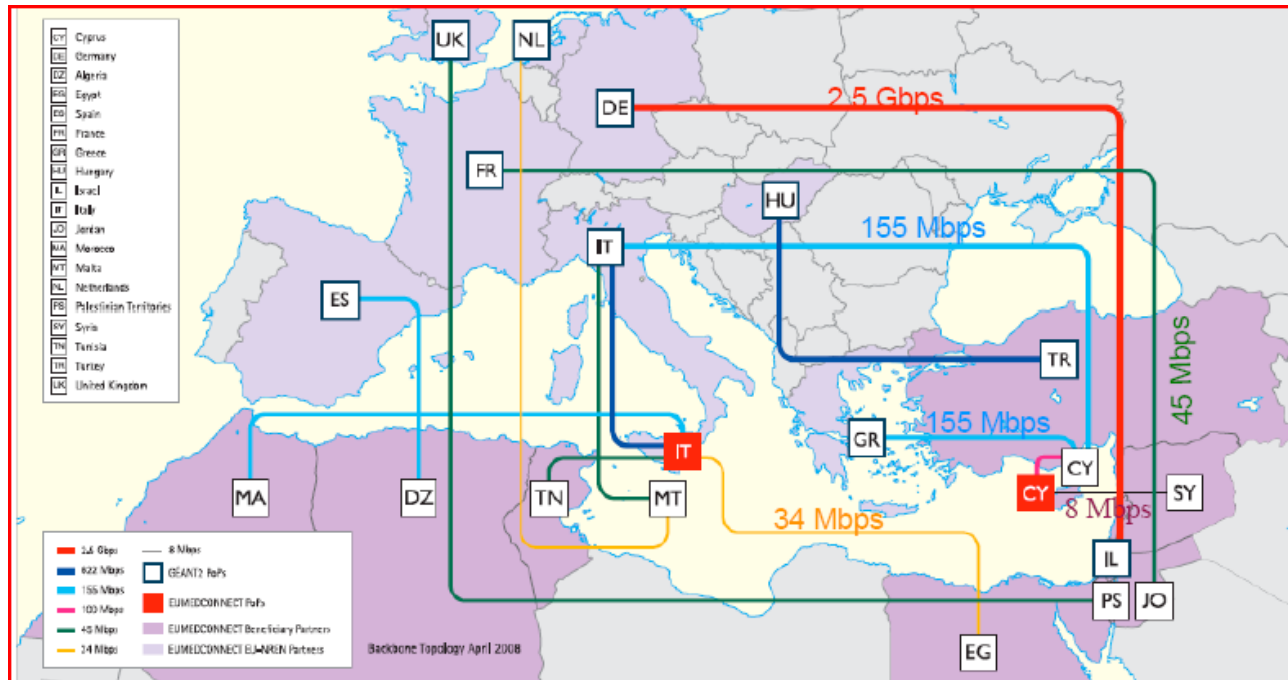
Presented by Dr. George Bonas  
MoCo Secretariat

***Monitoring Committee for the Euro-  
Mediterranean Cooperation in RTD***

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# The Eumedconnect2 network



- ◆ 11 countries connected
  - ➔ 7 wholly reliant
- ◆ Serving around 2 million users, 700 institutions in 7 countries
- ◆ Network traffic growing over 50% per year
- ◆ Over 100 projects connected
- ◆ ENPI funding: 4M Euros for 2 years

***Eumedconnect (2004-2007) funded by EuropeAid / EUMEDIS (10 M Euros)***

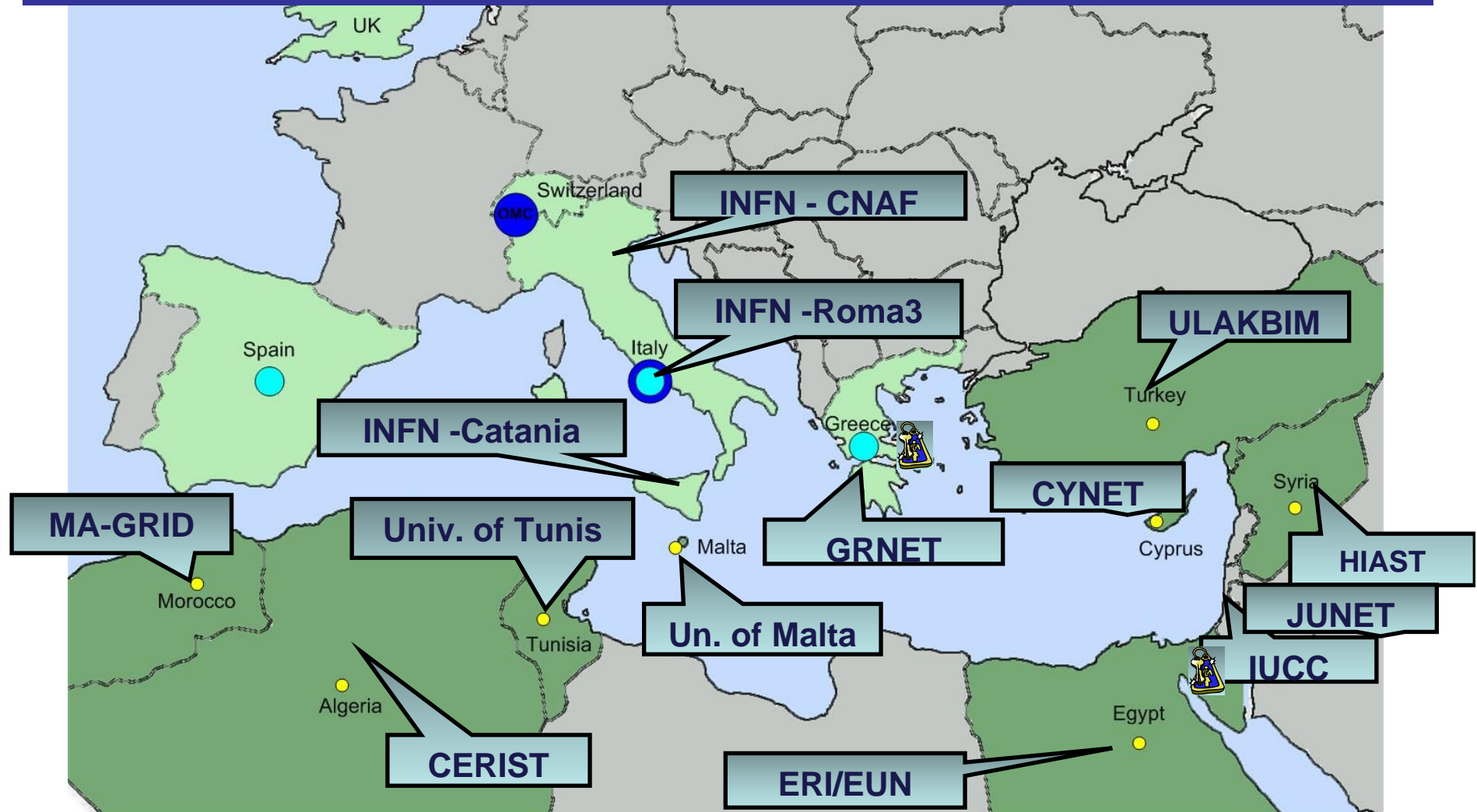
***Eumedconnect 2 started in November 2008: Still low speeds (34-155 Mbps)***

***Do we need to start thinking about Eumedconnect3...***

**The only large-scale R&E e-infrastructure serving the Mediterranean region**

# The EUMEDGRID Grid computing e-Infrastructure

EUMEDGRID project was funded by DG INFSO (~2M Euros), from Jan 2006 to Feb 2008



24 EUMEDGRID sites have been deployed in 13 countries, giving a total of 575 connected servers (CPUs) and about 84 TBs of storage capacity

# The LinkSCEEM project



- ◆ Preparing for a Supercomputer in Cyprus (CSRTC facility)
- ◆ Also delivering a network study in Eastern Med
- ◆ Funded by the European Commission (DG-INFOS) - 1M Euros
- ◆ A consortium of eight members under the coordination of the Cyprus Institute
- ◆ Started on April 1st, 2008 with a duration of 18 months



# Next steps?

- ◆ A high-capacity Eumedconnect3?
  - ➔ At gigabit speeds?
  - ➔ Using fibers from the power lines?
  - ➔ The Arab Network Access Point initiative?
  - ➔ Lobbying required at political level and telecom level for this to materialise
- ◆ The CAMREN consortium
  - ➔ Consortium of Arab Mediterranean Research and Education Networks
  - ➔ Similar to the GEANT NREN PC
- ◆ A Eumedgrid2 project?
  - ➔ Continuation proposal rejected
  - ➔ Another proposal to be submitted



Logical layout for Arab NAPs

