



# EUMEDCONNECT – Achievements and Plans

Bled

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# EUMEDCONNECT Background



International Research Networking



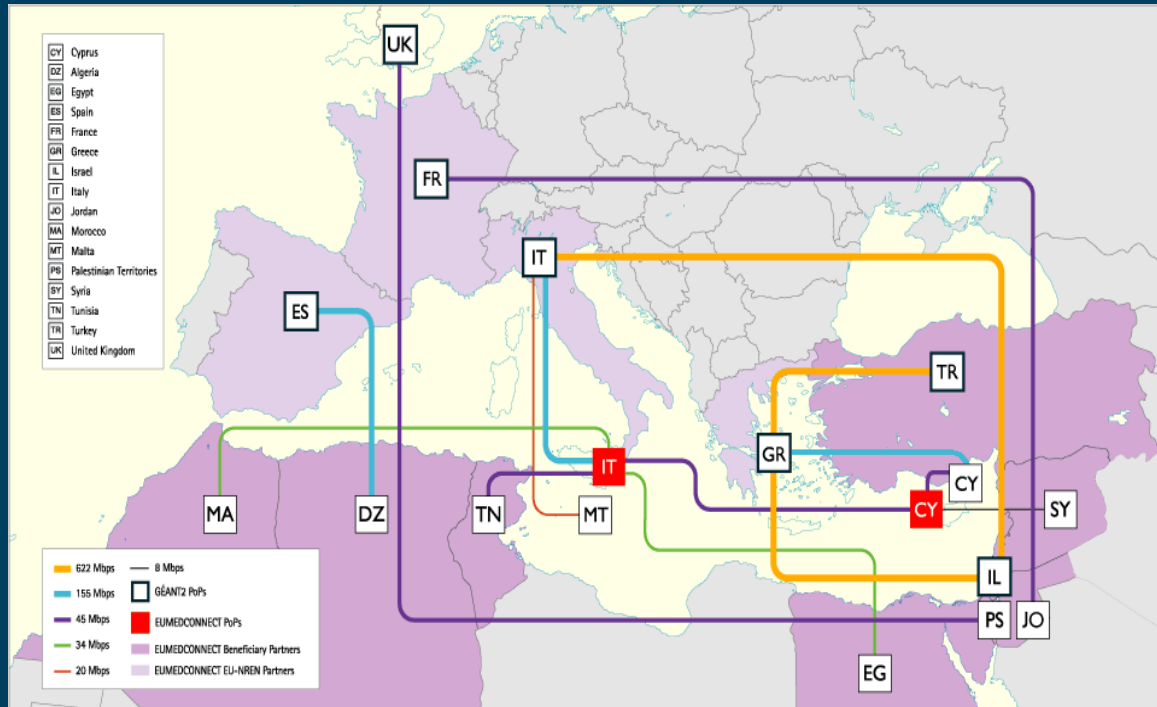
- First EC funded regional R&E project outside Europe
- 11 MED partners, 4 EU partners
- Network started 2004



# EUMEDCONNECT – tackling the Digital Divide



Connect. Communicate. Collaborate



- 11 Mediterranean Countries connected, 7 wholly reliant
- serving 1.4M users in 400+ Institutions
- Network traffic growing over 50% per year
- Over 100 projects connected....

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





## Connected Projects include:

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EUMEDGRID  
MedGeNet  
MOSAICS  
PROHITECH  
NEAREST  
EUMEDGRID  
NET-ADDED  
MAC-OILS  
AQUARHIZ  
PROMET  
SOWAMED  
PARASOL

YOUNG-TRAIN  
ECHINONET  
ADU-RES  
CYCLER-SUPPORT  
MELIA  
INNOVA-MED  
CIBEWU  
WATNITMED  
EU-MED AGPOL  
LEISH-MED  
DIMAS  
AQUARHIZ  
PLEIADES

WEMED  
TRITIMED  
KASSA  
PERMED  
SWAP  
OPTIWHEAT  
QUALIWATER  
ERA-MED  
IDEALIST7FP  
FOOD-N-CO  
EURO-MEDANET  
PROMEDACCESS  
MED 7

MEDINDUS  
C.H.E.R.K.  
OPTIMA  
RAMSES II  
C.H.E.R.M.  
HERMES  
DESIRE  
WADI  
SHADUF  
PAPERTECH  
MED-COLOUR-TECH  
MAP-IT!  
HYRESS

- Mainly FP6 and Tempus projects,
- FP7 projects expected to use





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# Achievements

- R&E networking becoming well established thanks to:
  - Pioneering EUMEDIS investment by the European Commission
  - Commitments by Mediterranean NRENs/governments to support EUMEDCONNECT and national networks
  - Users starting to rely on the infrastructure





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# EUMEDGRID

- EUMEDGRID project is one of the most important achievements of EUMEDCONNECT, it provided the researchers in our region with huge distributed computing resources. It was funded by DG INFSO's FP6 programme but this funding came to end in February 2008.
- All the efforts were made to propose to FP7 calls (projects MEDIAN and EUMEDGRID2) an enhanced programme with more partners and bringing this technology to a wider range of research fields, but both have been turned down.
- Efforts now focus on a new project DREAM





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## Efforts in Jordan

- The National Broadband Network NBN, connecting around 3200 schools, 10 Universities and around 110 Public Access Sites
- El Hassan Science City, Launched in April 2007, it is a conducive Environment in which Scientists, researchers, Academics, entrepreneurs and students are given the opportunity to promote a knowledge based economy by innovating and disseminating their intellectual wealth.
- Synchrotron-light for Experimental Science and Applications in the Middle East (SESAME) with 10 Member countries and 9 Observer Countries



# Jordanian Universities Network (JUNet)



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- JUNet is the official NREN of Jordan, currently connecting 11 Universities via optical fiber, 14 Private Universities and 6 research institutes will be connected to JUNet this year
- JUNet is the Jordanian partner for EUMEDCONNECT and EUMEDGRID projects
- Very active in promoting technology and networking for research at the national level and also at the regional level
- Some projects used EUMEDCONNECT
- Many projects are waiting for EUMEDCONNECT II and the next regional GRID project





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# Social Impact

- Many Thanks to EUMEDCONNECT For bringing researchers in the Mediterranean together and closer for the first time
- Many thanks also to EUMEDCONNECT and EUMEDGRID for bringing Mediterranean NREN Managers together and for assisting them in promoting the collaborative approach in conducting research using the research infrastructures





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# CAMREN

- Arab Mediterranean NRENS recognized the importance of
  - a regional infrastructure,
  - a consortium to establish a regional network and
  - a consortium to support applications and e-services to assist researchers in the region,
- Morocco, Algeria, Egypt, Palestine, Syria and Jordan Signed Rome Declaration in September 2006.
- These countries decided to establish the Consortium of Arab Mediterranean Research and Education Networks (CAMREN)
- Consortium agreement is expected to be signed in April 08





# EUMEDEVENT *Brussels, October 2007*

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## Royal request for time to kick-start Mediterranean e-infrastructures



HRH Princess of Jordan Sumaya Bint Al Hassan (seated, front right) joined other VIP speakers and an invited audience at the EUMED Event in Brussels, 23-24 October 2007

- HRH Princess of Jordan Sumaya Bint Al Hassan added her voice to calls for a continuation of European funding support for vital Mediterranean e-infrastructures, during last week's EUMED Event. The event, held in Brussels 23-24 October, brought together VIP speakers and an invited audience from around Europe and the Mediterranean region.

Almost 90 politicians, network operators, users, civil servants, and managers of national research and education networks came from more than 15 countries to discuss collaborations in e-infrastructures and networking for research and education.





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# EUMEDCONNECT2 Plans

- EC EUMEDIS funding ended Dec 2007; MED partners keeping EUMEDCONNECT going to end Q2 2008,
- Tendering started for **higher capacity**, more **cost effective** EUMEDCONNECT2 infrastructure
  - Active **promotion** for FP7 and other research projects, tele-medicine and environmental applications
  - CAMREN intending to support
  - EC planning 18 months further funding support
  - Longer term **sustainability** plans to be developed





International Research Networking

# Thank you!

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