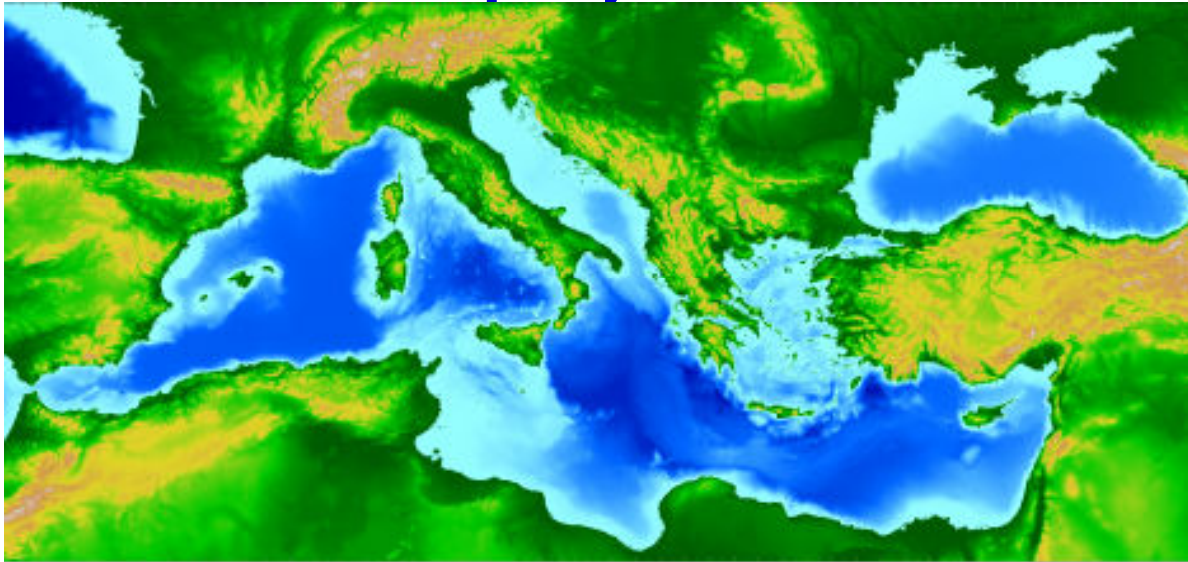


# The EUMEDGRID-Support project



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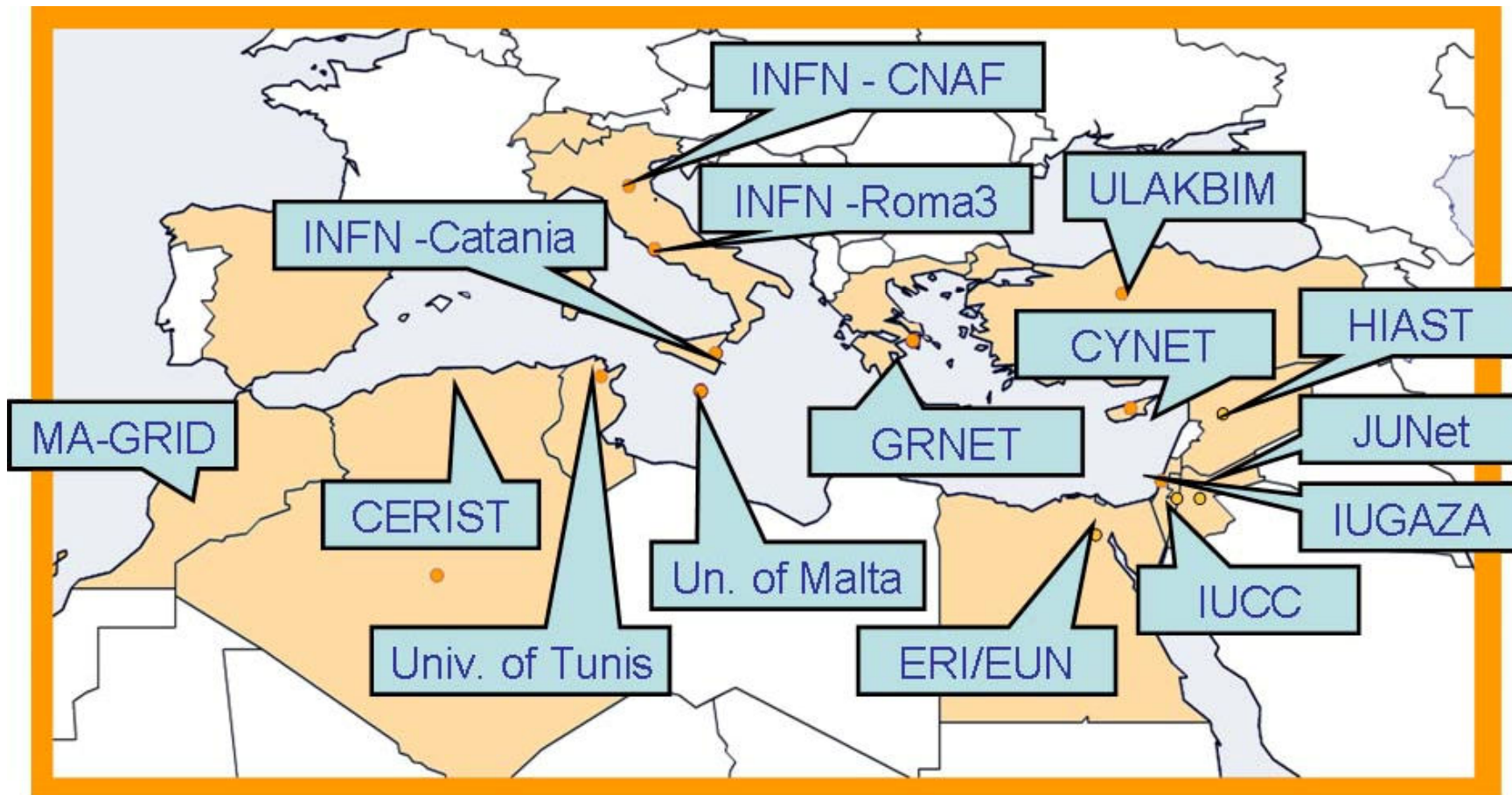
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- ▶ **Foster the development of e-Infrastructures in the Mediterranean region**
  - **Building on the results of EUMEDGRID** to capitalize on its human network of experts and scientists
  - Widening it to new user communities and, possibly, to new countries
  - Supporting existing and new applications, and reinforcing user communities
- ▶ **Coordinate policies and promote best-practices around the deployment, operation and usage of e-Infrastructure in the region**
- ▶ **Train users on porting applications**
  - *in collaboration with the EPIKH project*
- ▶ **Dialogue between the EU and the Mediterranean region in the domain of e-Science**
- ▶ **Reinforce the perceived relevance of European e-Infrastructures in the Mediterranean area for the scientific communities, at the policy level and for the general public,**
- ▶ **Support the consolidation and extension of the EUMEDGRID e-Infrastructure with emphasis on sustainability and high-level policy support.**

- ▶ **Project started in Jan 06, ended in Feb 08**
- ▶ **Disseminated on e-Infrastructures**
  - Organized 2 major EUMED events
    - (Bruxelles 23-24 Oct 07, Amman, 3-5 Nov 08)
  - gathering government representatives, users, scientist, Grid experts, decision makers
- ▶ **Trained users and site administrators**
  - Many local training courses
  - Including Schools on Application Porting to Grids (EGSAP)
- ▶ **Created a pilot e-Infrastructure made up by 25 sites in 13 countries – promoting national Certification Authorities**
  - Deploying 14 reference applications from different domains
- ▶ **Created an *EuroMediterranean* human network to foster e-Science and e-Infrastructures in the Med**

# The EUMEDGRID e-Infrastructure



- ▶ **Istituto Nazionale di Fisica Nucleare (Coordinator) INFN Italy**
- ▶ **Centre de Calcul el Khawarezmi CCK Tunisia**
- ▶ **Centre de recherche sur l'information scientifique et technique CERIST Algeria**
- ▶ **Centre National pour la Recherche Scientifique et Technique CNRST Morocco**
- ▶ **Consorzio COMETA COMETA Italy**
- ▶ **Cyprus Research and Academic Network CYNET Cyprus**
- ▶ **Egyptian Universities Network EUN Egypt**
- ▶ **Consortium GARR GARR Italy**
- ▶ **CNRS - Institut des grilles CNRS-IDG France**
- ▶ **Higher Institute of Applied Sciences and Technology HIAST Syria**
- ▶ **Jordanian University Network JUNET Jordan**
- ▶ **Trust-IT Services Ltd Trust-IT UK**
- ▶ **TUBITAK Ulusal Akademik Ağ ve Bilgi Merkezi TUBITAK ULAKBIM Turkey**
- ▶ **University of Malta UOM Malta**

# EUMEDGRID-Support work plan: work packages and their goals

## ▶ 1) WP1: Project Management

- Efficiently manage the project consortium
- Ensure quality assurance methods are adopted
- Technically coordinate the project activities
- Monitor the results and implement corrective measures, if needed.

## ▶ 2) WP2: Communication & Awareness Creation

- Develop effective communication tools ensuring engagement with stakeholders, user groups and beneficiaries from the e-Science community
- Deliver themed workshop events fostering knowledge exchange & technology transfer with impact reporting
- Investigate opportunities for synergies with regional & domain-specific initiatives

## ▶ 3) WP3: Supporting Technical Application Developments and Users

- Support the applications of relevance in the region
- Identify new relevant applications
- Create a two-tier Competence Centre that will support application porting

## ▶ 4) WP4: Supporting EUMEDGRID infrastructure sustainability

- Push for a consolidation of the existing EUMEDGRID infrastructure and for the development of e-Infrastructures in the Mediterranean region, in a broad, general meaning
- Promote the completion of the process of creation of CAs in the Mediterranean Countries
- Exploit the maximum level of synergy with other projects and specifically cooperate with EPIKH project for advanced knowledge dissemination actions

## Work Plan: Planned actions (1/3)

- ▶ **Organize seminars and tutorials on management, administrative and financial rules of FP7 projects**
- ▶ **Provide a dynamic and interactive *web 2.0-based* community tool**
  - supporting the currently existing virtual research communities
  - fostering the creation of new ones across diverse domains
- ▶ **Provide on-line eTraining courses**
  - with anytime, anywhere access
  - together with progress and outcome tracking
  - supported by surveys to help define and cater to specific, real-world training needs



## Work Plan: Planned Actions (2/3)

- ▶ Disseminate on e-Infrastructures, aiming at raising and sustaining awareness of EUMEDGRID-Support goals and initiatives with targeted messaging to potential beneficiaries, enabling community development
- ▶ Design and deliver workshops on important themes, related to e-Infrastructures, and relevant to Europe and the Mediterranean
- ▶ Cooperate with EPIKH in training personnel on application porting methodologies to support the creation of local competence centres in the beneficiary countries
- ▶ Organize the personnel in the local and second level competence centres and in a EUMEDGRID Working Group
- ▶ Build a database of supported applications and user communities

## Work Plan: Planned Actions (3/3)

- ▶ **Resume and reorganize the EUMEDGRID e-Infrastructure in order to support the continuity and promote its sustainability.**
  - Provisioning of basic services, refastening of the loose bonding, enhance provided quality of service
- ▶ **Complete the deployment of the Certification Authorities in the MED Countries**
- ▶ **Promote synergies with other projects and initiatives**
  - Special attention will be paid to collaborating with: EUMEDCONNECT2, EPIKH, EGEE, EGI, LinkSCEEM, SEE-GRID-SCI, EELA2, EUAsiaGrid, EU-IndiaGrid

- ▶ **Project Duration: 24 months**
- ▶ **Start: January 2010**
- ▶ **Budget (Requested EU contribution): 740 kEuro**
- ▶ **Budget (Total): 867 kEuro**
- ▶ **Partners: 14**
- ▶ **Current status: Advanced Negotiation phase with EU commission**
  - Proposed start: January 2010

- ▶ **EUMEDGRID-Support aims at promoting e-Infrastructures and e-Science in the Mediterranean region, collaborating with on-going initiatives in the region**
- ▶ **It will build on the results of EUMEDGRID**
  - Resuming its pilot infrastructure
  - Basing on its exploited human network
- ▶ **It will focus on e-Science in**
  - High Policy
  - Dissemination
  - Education and Training
  - Promoting best practices, sharing experience
  - Liaising EU and the Mediterranean scientists, users, e-Infrastructures