EUMEDGRID

[empowering eScience across the Mediterranean]

http://www.eumedgrid.org

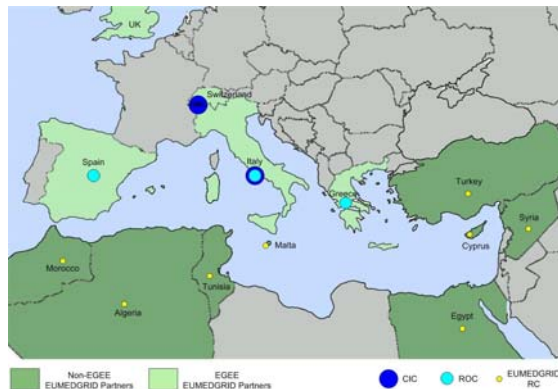# EUMEDGRID

Federico Ruggieri

INFN Roma3

EGEE04 - External Projects Integration Session

Pisa 25 October 2005

Non-EGEE EUMEDGRID Partners   EGEE EUMEDGRID Partners   CIC   ROC   EUMEDGRID RC

FP6-2004-Infrastructures-

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EUMEDGRID Basics

▸ **Mediterranean area is of particular interest due to the neighborhood of such countries to many EU countries and many initiatives are already active (EUMEDIS, EUMEDCONNECT, etc.)**

▸ **EUMEDGRID aims to provide specific support actions to assist the participation of the states of the Mediterranean region in the pan-European and worldwide Grid initiatives, thus expanding and supporting the European Research Area (ERA) in the region.**

▸ **The core of the EUMEDGRID approach is to establish a human network in the eScience area, enlarge and train this community, and establish a pilot Grid infrastructure supporting proof of concept regional applications.**

▸ **The reference GRID Infrastructure in Europe will be EGEE.**

▸ **EUMEDGRID will build upon and exploit the infrastructure provided by the Gigabit Pan-European Research & Education Network (GEANT) and the Mediterranean Research and Education Networking (EUMEDCONNECT) initiative in the region.**

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Project timescale and Status

▶ **Negotiation ended.**

▶ **Contract will be signed in November.**

▶ **2 years program (24 Months from the date of the contract signature).**

▶ **5 Work Packages**

▶ **14 partners: 9 Member States or AS, 5 non-MS.**

▶ **EU Contribution of 1,646,500 €**

▶ **A total of 481 Person Months (392 Funded).**

▶ **Start date 1st January 2006.**

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Participants

Participant number	Participant name
1	INFN (Italy) Coordinator
2	CERN (Switzerland)
3	CYNET (Cyprus)
4	DANTE (UK)
5	GARR (Italy)
6	GRNET (Greece)
7	RED.ES (Spain)
8	University of Malta (Malta)
9	CERIST (Algeria)
10	CNRST (Morocco)
11	EUN (Egypt)
12	HIAST (Syria)
13	MRSTDC (Tunisia)
14	TUBITAK - ULAKBIM (Turkey)

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Program of work

▶ **WP1: Project administrative and technical management**

▶ **WP2: Requirement capture and analysis**

▶ **WP3: Pilot infrastructure operational support**

▶ **WP4: Applications support**

- – EGEE supported applications

- – Regional applications

- – New applications

▶ **WP5: Dissemination & Outreach**

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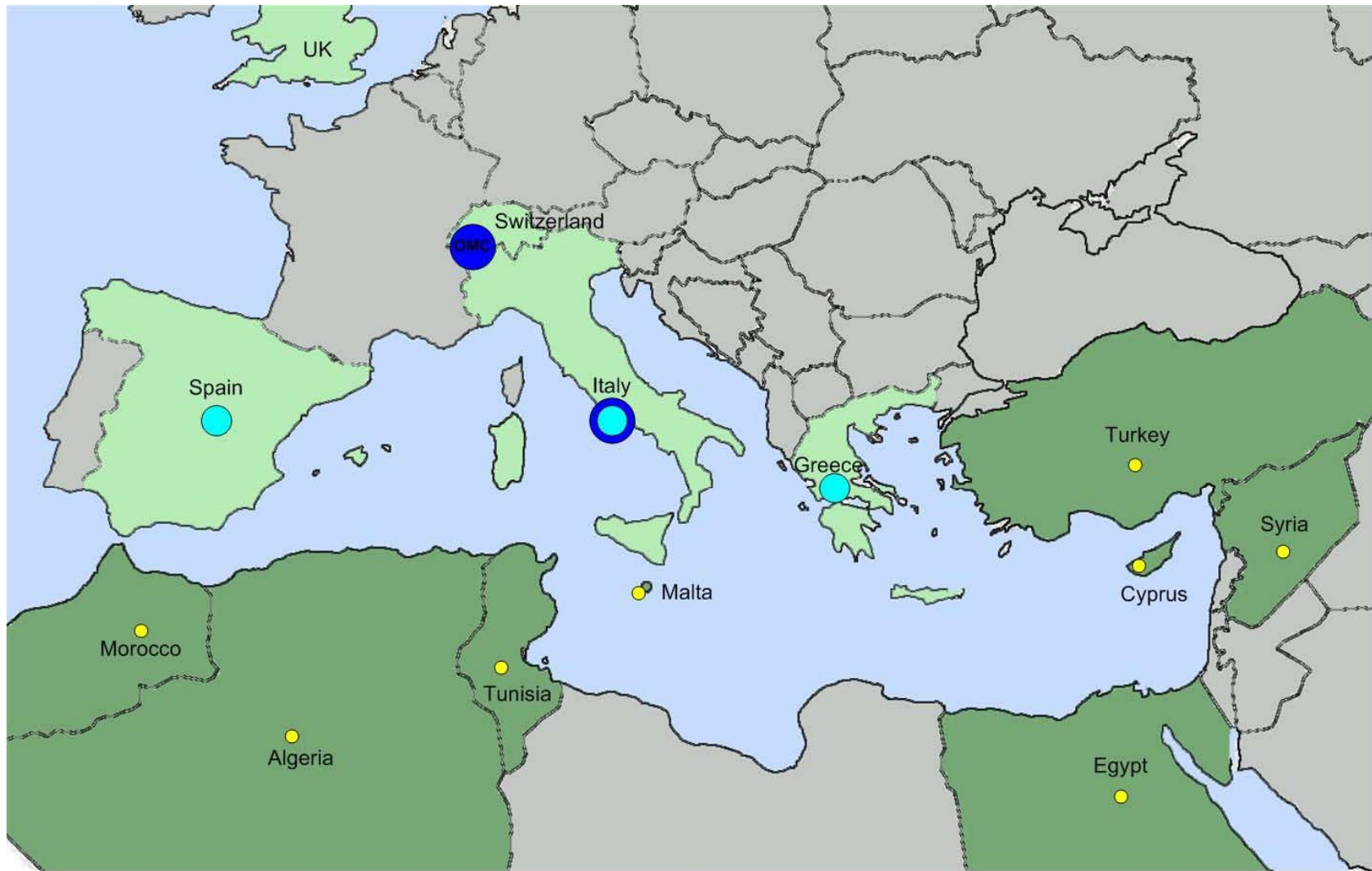**EUMEDGRID** [empowering eScience across the Mediterranean]

General strategy

▸ **Middleware: EGEE middleware will be used; there are no other implementations in the Med area.**

▸ **Infrastructure: the EGEE infrastructure will be used complemented with the fostered national grid initiatives.**

▸ **Applications: EGEE applications (LHC) and other pilot applications will be supported; new regional applications will be investigated.**

▸ **Training & Dissemination: Joint activities with other projects are foreseen (SEEGRID, etc.) with possible synergies.**

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•EUMEDCONNECT Links

Country	Name of NREN	International Research Connectivity (in Mbps)	Status
Algeria	CERIST	45	In service[1]
Cyprus	CYNET	45	In service
Egypt	EUN	34	In service
Israel	IUCC	310	In service
Malta	University of Malta	20	In service
Jordan	UniCo	45	Planned[2]
Morocco	CNRST	34	In service
Syria	HIAST	8	Planned[2]
Tunisia	RFR	45	In service
Turkey	ULAKBIM	155	In service