Participation in European eInfrastructure Projects

Experience and case studies

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Initial cooperation

Participation in FP4 & FP5 projects:

- **The first European project where we participated was launched in 1996 – STACCIS (Support for Telematics Applications Cooperation with the Commonwealth of Independent States) project. The project coordinating organization was EDNES (Earth Data Network for Education and Scientific Exchange), France.**
- **Why our team (from the Center of Information Technologies) was invited to participate in this project:**
  - **Exploitation of previous contacts and collaborative activities;**
  - **Interdisciplinary approach;**
  - **Publications;**
  - **Necessity to cover majority CIS states.**
- **Focus of the project – implementation of GIS technology for various Earth data presentation**

Participation in FP4 & FP5 projects (continuation)

- The previous project had its continuation and in 1998 was jointly prepared next proposal that became the funded project in 2000. The project title was “Teleworking In Research, Medicine and Business (WISTCIS)”.
- We could use existing consortium with the same coordinating organization.
- The project required to find and attract more partners and wider area of expertise; in Moldova new partners participated in the project as third parties partners.

Other approaches to find partners

Participation in other international calls and programmes. Ability to exploit contacts with international partners participating in various non EU projects:

- o NATO projects (NATO SFP programme at present);
- o Soros foundation;
- o Eurasia foundation;
- o CRDF/MRDA programmes;

Although these programmes have its own specific and differ from EU framework programmes, but it was very good opportunity to establish cooperation with European partners and organizations.

- o INTAS – two applications and one successful project; procedure was very similar like in EU FPs projects

Finding partners – bilateral cooperation

- Contacts with colleagues through e-mail, at conferences and other events – establishing informal contacts with colleagues and organization of information exchange that allows to understand each other and find mutual interest.
- Initial bilateral contacts with partners from Romania, Poland, Germany, Austria offered possibility to form new consortia for participating in EU projects;
- Indirect contacts – we started collaboration with Romanian colleagues from ICI for practical organization of communication link to have access to Internet through Romania for research institutions of ASM. After this our cooperation was transformed in preparation of serious of joint initiatives focused on new informational technologies implementation and development on regional level that further were supported by FP6 and FP7 projects;

Finding partners – participation in international professional associations

- There are many professional associations and other organizations that unites researchers and specialists in various areas: IEEE (Institute of Electrical and Electronics Engineers), ASM (Association for Computing Machinery), etc.
- Participation in European Associations of networking professionals like TERENA, CEENet; although membership in these organizations is not free of charge, but every interested specialist can participate in so called task forces activities organized within these associations. More active participants are invited to participate in the projects where these associations are involved, including EU FP projects;
- Participation in ICT Events – organized by EC once every two years as main forum to share information about Framework Programmes and promote participation in the European projects.

Finding partners – general approach

There are different ways to find FP7 partners:

- to use your **existing networks** in academia and industry as well as suppliers and customers
- to attend major European **conferences** in your field, **brokerage events** or other events dedicated to the searching of partners, or **national and international workshops** linked to FP7
- to use **databases of FP7 and FP6 projects** (list of the organisations involved):
  - ✓ For FP7: http://cordis.europa.eu/fp7/projects_en.html
  - ✓ for FP6: http://cordis.europa.eu/fp6/projects.htm
- to use various partner search tools that help you search for partners and consortia, provide information on projects being prepared and an opportunity to publicise the skills you plan to contribute as a project partner;
- ICT partner search Ideal-ist: http://www.ideal-ist.eu/
- to act via National Contact Points (NCPs) in each thematic area, who have contacts throughout Europe;
- to use CORDIS Partner Service: http://cordis.europa.eu/partners/web/guest/home

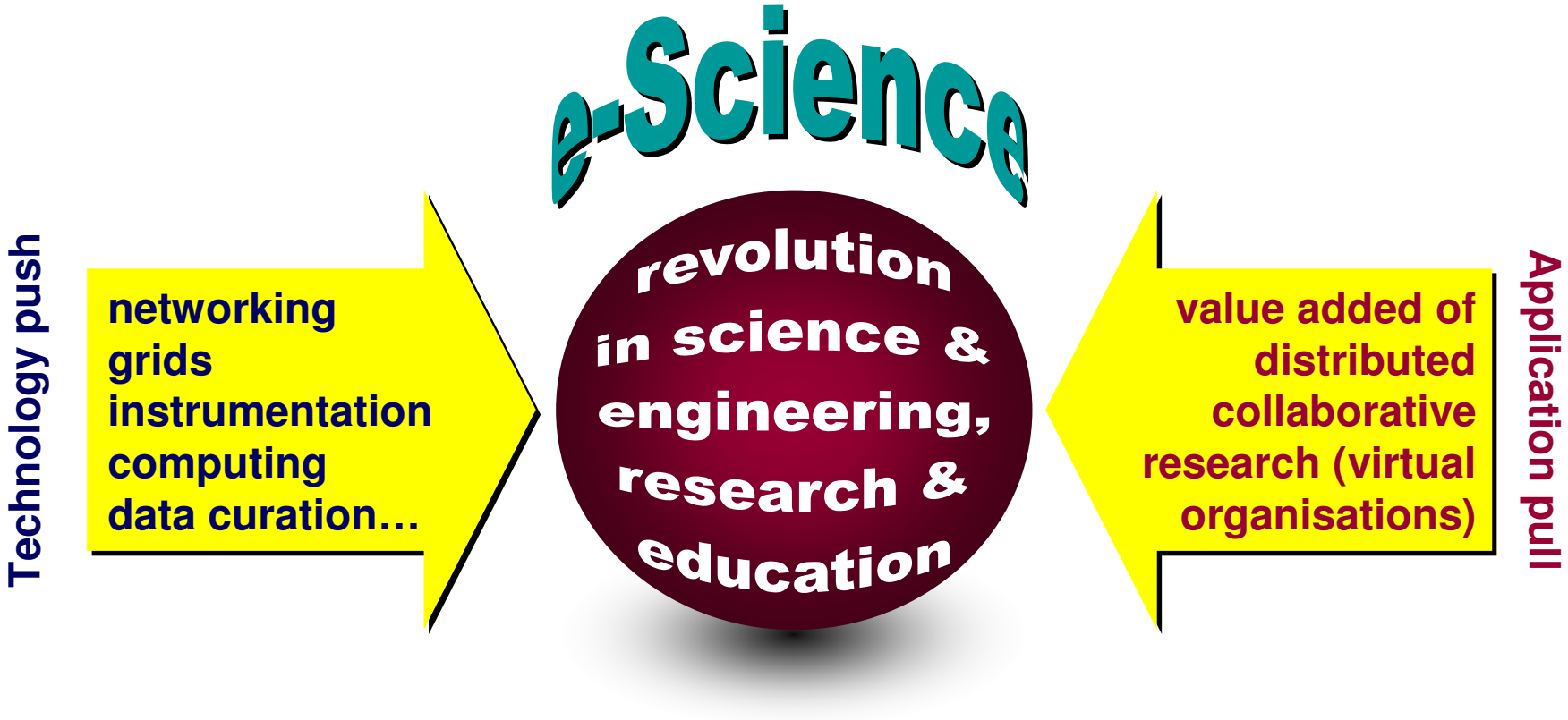
Preparation of successful proposal

- Success in project preparation on my opinion depends on:
  - Qualification of the team forming the project consortia;
  - Experience and charisma of the project Coordinator;
  - Proactively and creativeness of the partners involved.

- In some cases to achieve positive result helps cooperation with professionals in area of proposals preparation – contacts and involvement of European consulting organizations.

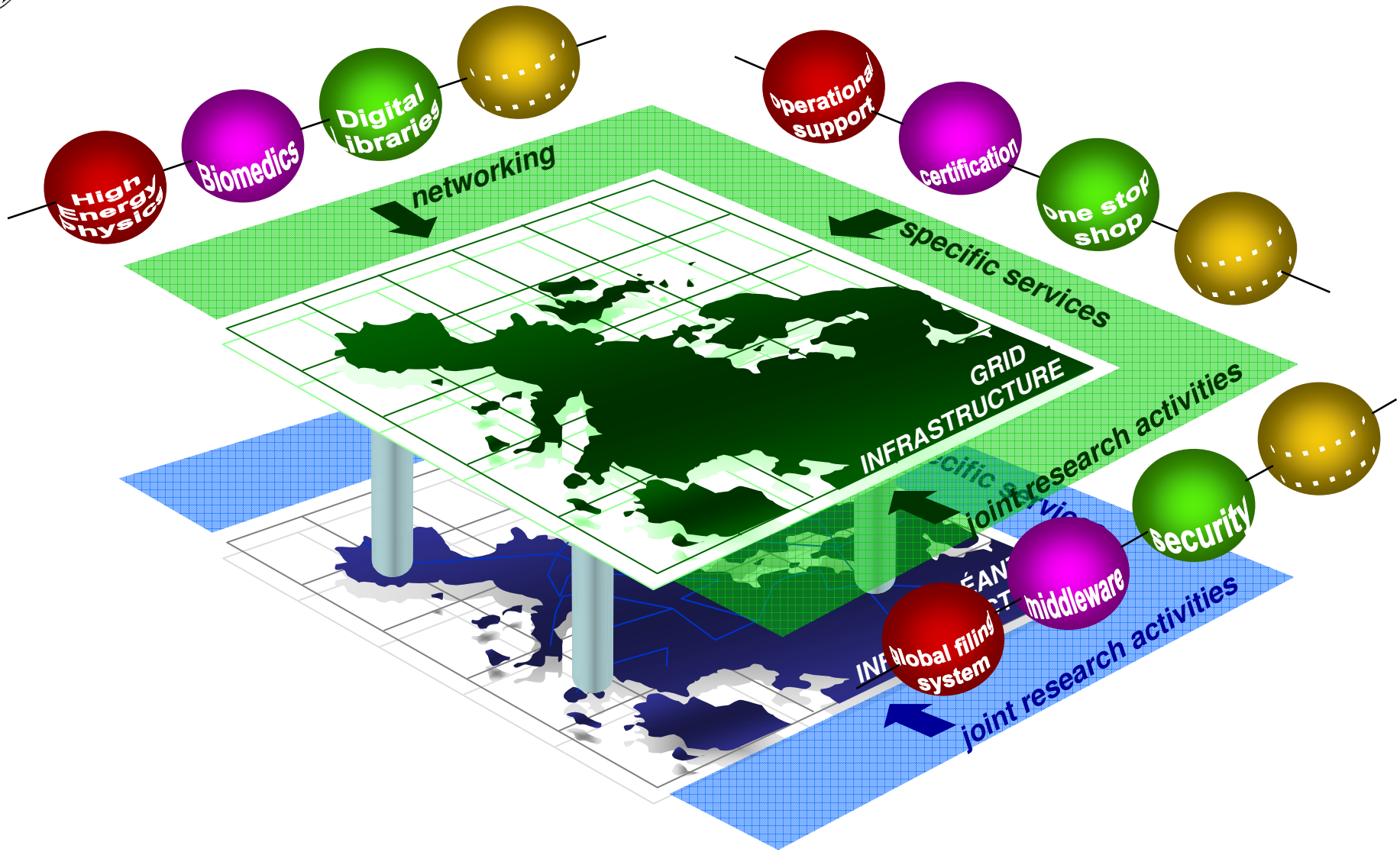
- Clear understanding of the Call documents and Workprogramme requirements – the proposals have to argue best approach for achieving expected outcome specified in the supporting of the selected Call documentation (your experience and qualification have to be expressed by the way to show your ability to do what is expected in the proposed workprogramme).

eInfrastructure - new way of doing Science

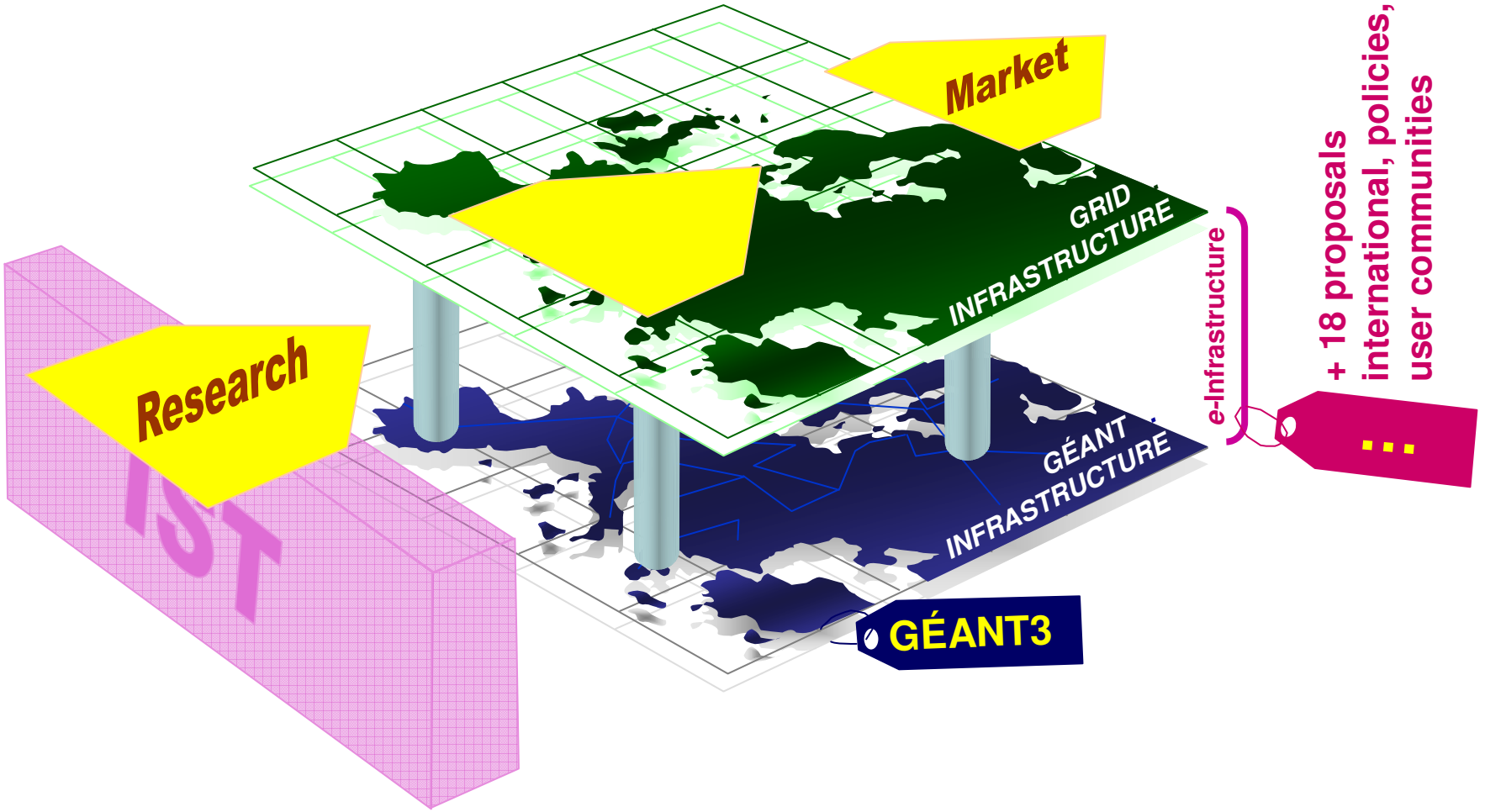


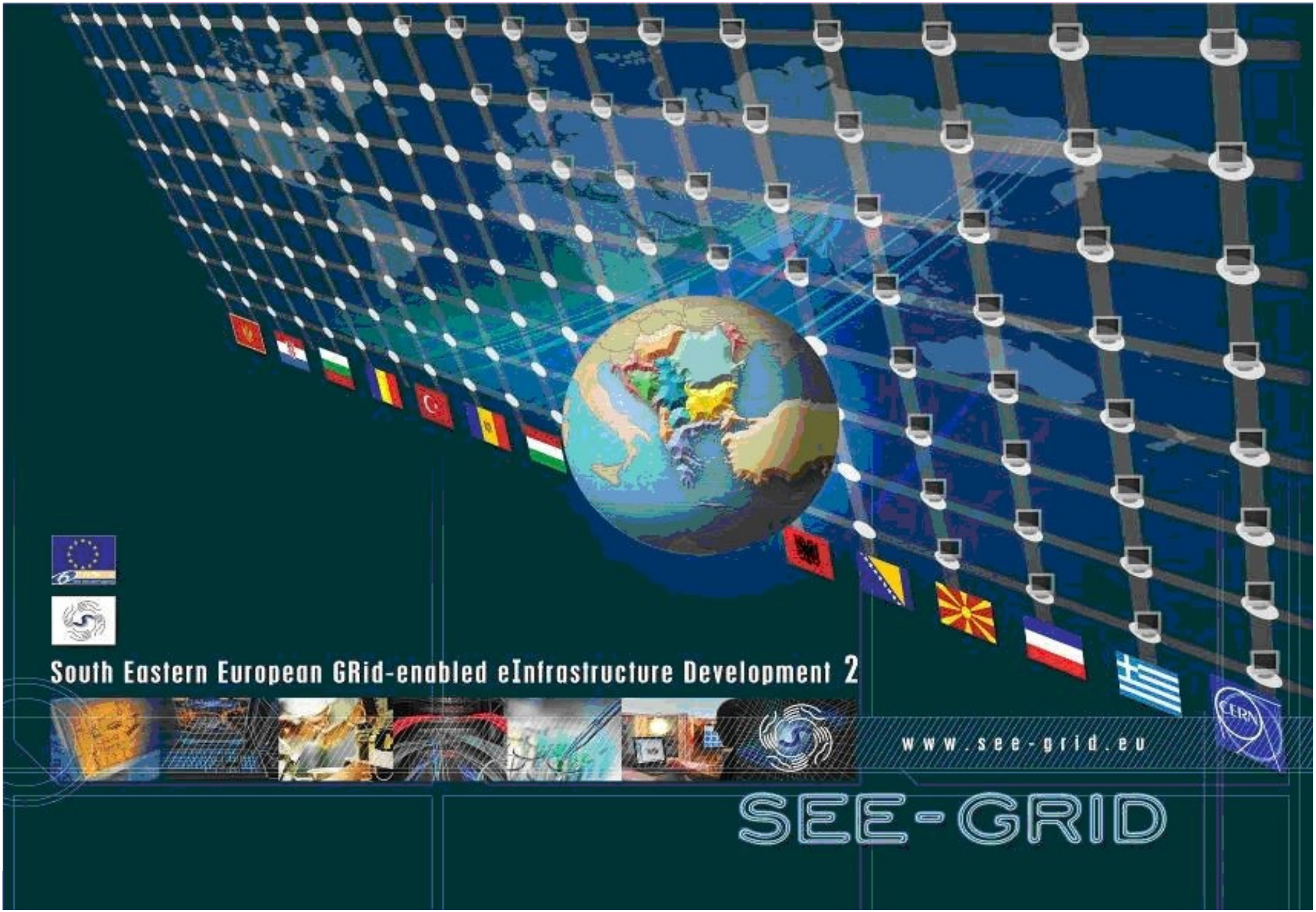
a new way for all scientists to work on research challenges that would otherwise be difficult to address

e-Infrastructure - Implementation blocks



e-Infrastructure - Strategic building blocks




South Eastern European GRid-enabled eInfrastructure Development 2
www.see-grid.eu
SEE-GRID

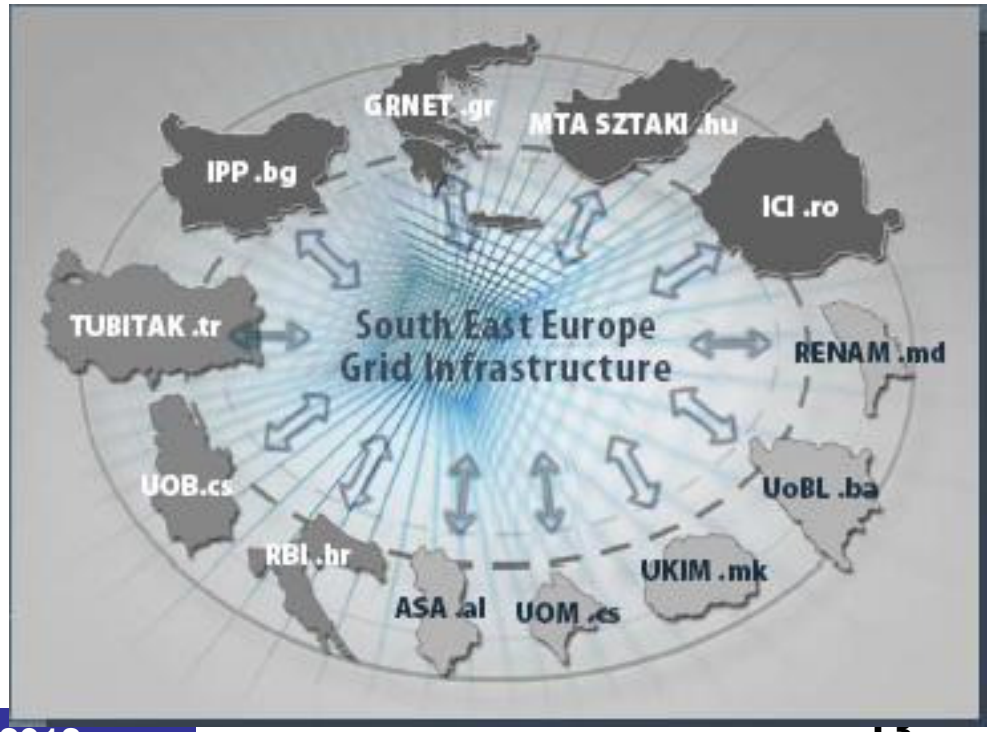
SEE-GRID-2 project

Contractors

GRNET	Greece
CERN	Switzerland
SZTAKI	Hungary
IPP-BAS	Bulgaria
ICI	Romania
TUBITAK	Turkey
ASA/INIMA	Albania
UoBL	Bosnia-Herzegovina
UKIM	FYR of Macedonia
UOB	Serbia
UoM	Montenegro
RENAM	Moldova
RBI	Croatia

Third Parties
27 universities / research centres

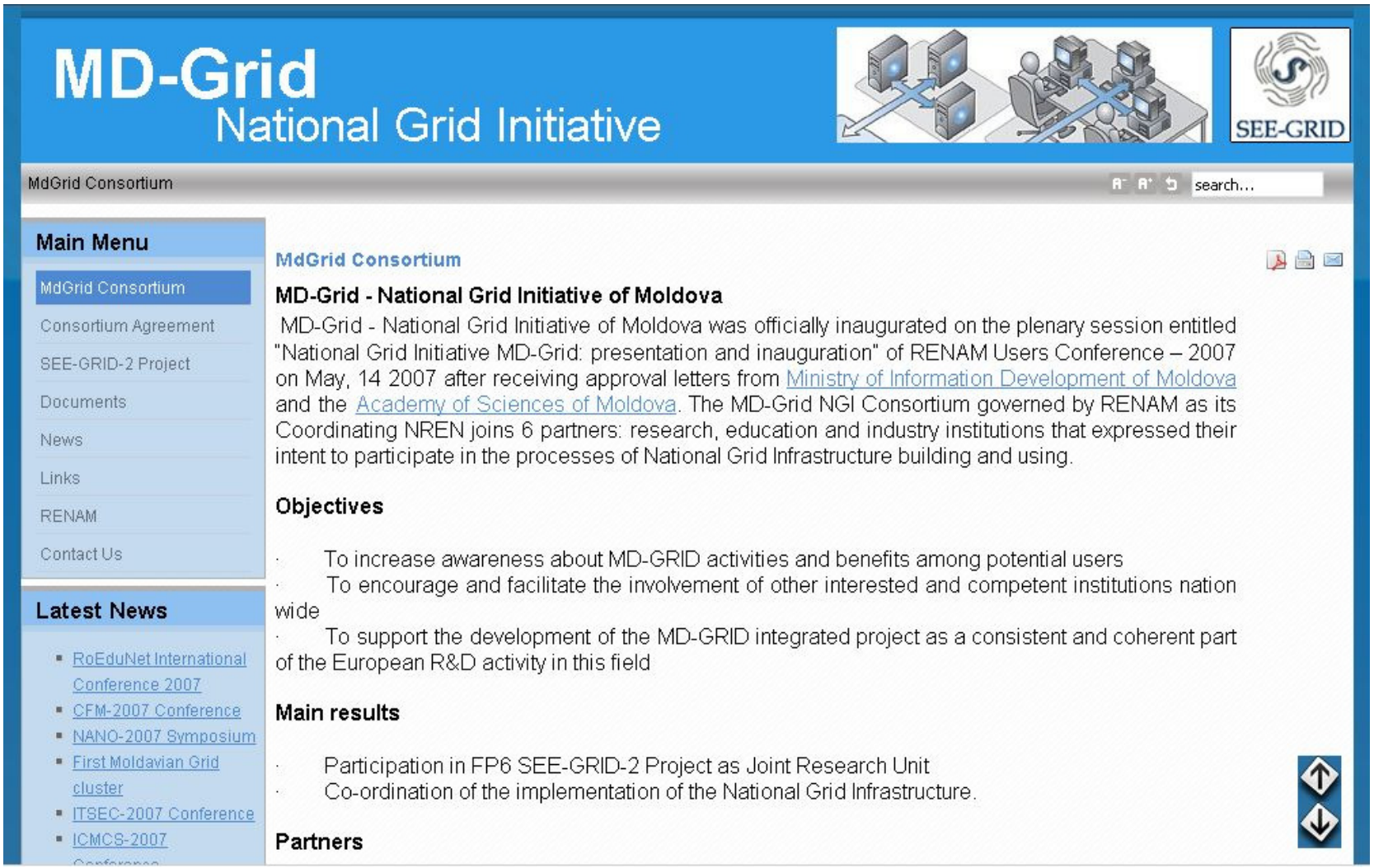
Start date:	**01/05/2006**
Duration:	**24 months**
Total Budget:	**2,028,886 €**



eInfrastructures strategic priority: NGI

- **Formation of stable National Grid Initiatives** is the key to long-term sustainability
- **NGI concentrates efforts** at National level in order to deploy, operate, and expand grid infrastructures in a coherent and coordinated way
- **NGI involves interoperation** of Academic and Research resource centers under an umbrella of national programs aiming to integrate the available resources in order to establish an e-Infrastructure for the benefit of the R&E communities, and in the long-term - for the society at large
- **EGI – European Grid Initiative:** will join and harmonize the experience of almost all European NGIs

www.grid.md


MD-Grid
National Grid Initiative
SEE-GRID
MdGrid Consortium
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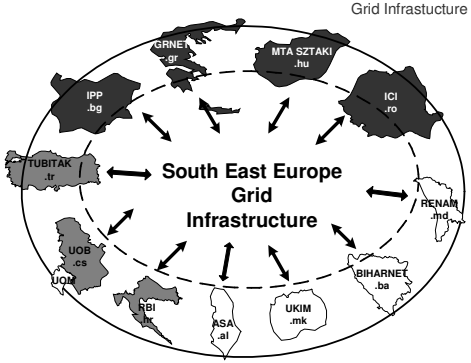
RoEduNet International Conference 2007
CFM-2007 Conference
NANO-2007 Symposium
First Moldavian Grid cluster
ITSEC-2007 Conference
ICMCS-2007
MdGrid Consortium
MD-Grid - National Grid Initiative of Moldova
MD-Grid - National Grid Initiative of Moldova was officially inaugurated on the plenary session entitled "National Grid Initiative MD-Grid: presentation and inauguration" of RENAM Users Conference – 2007 on May, 14 2007 after receiving approval letters from Ministry of Information Development of Moldova and the Academy of Sciences of Moldova. The MD-Grid NGI Consortium governed by RENAM as its Coordinating NREN joins 6 partners: research, education and industry institutions that expressed their intent to participate in the processes of National Grid Infrastructure building and using.
Objectives
· To increase awareness about MD-GRID activities and benefits among potential users
· To encourage and facilitate the involvement of other interested and competent institutions nation wide
· To support the development of the MD-GRID integrated project as a consistent and coherent part of the European R&D activity in this field
Main results
· Participation in FP6 SEE-GRID-2 Project as Joint Research Unit
· Co-ordination of the implementation of the National Grid Infrastructure.
Partners

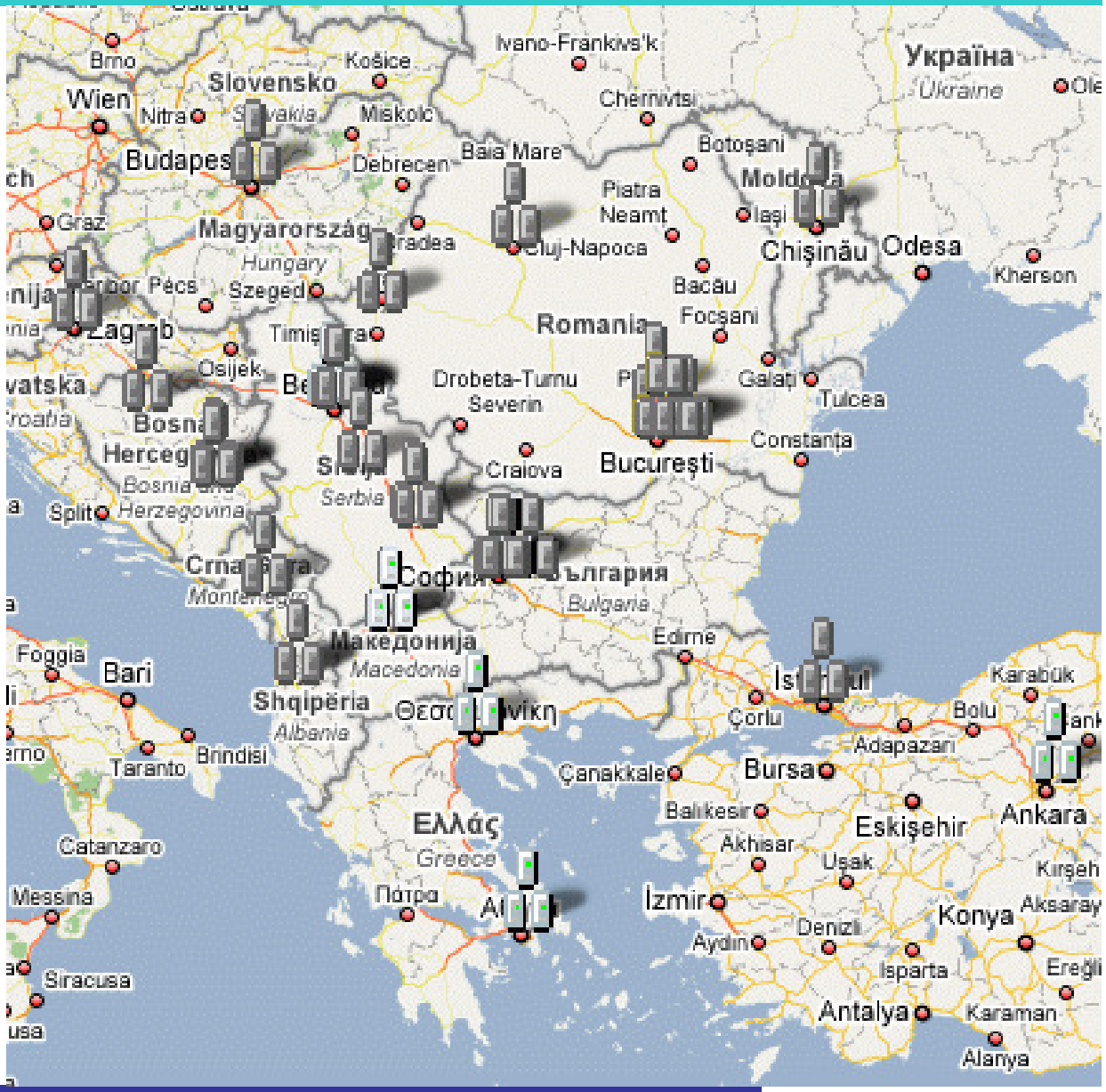
First GRID cluster in Moldova mounted at FRT TUM in April 2006

Pan-European
Production-level
Grid Infrastucture

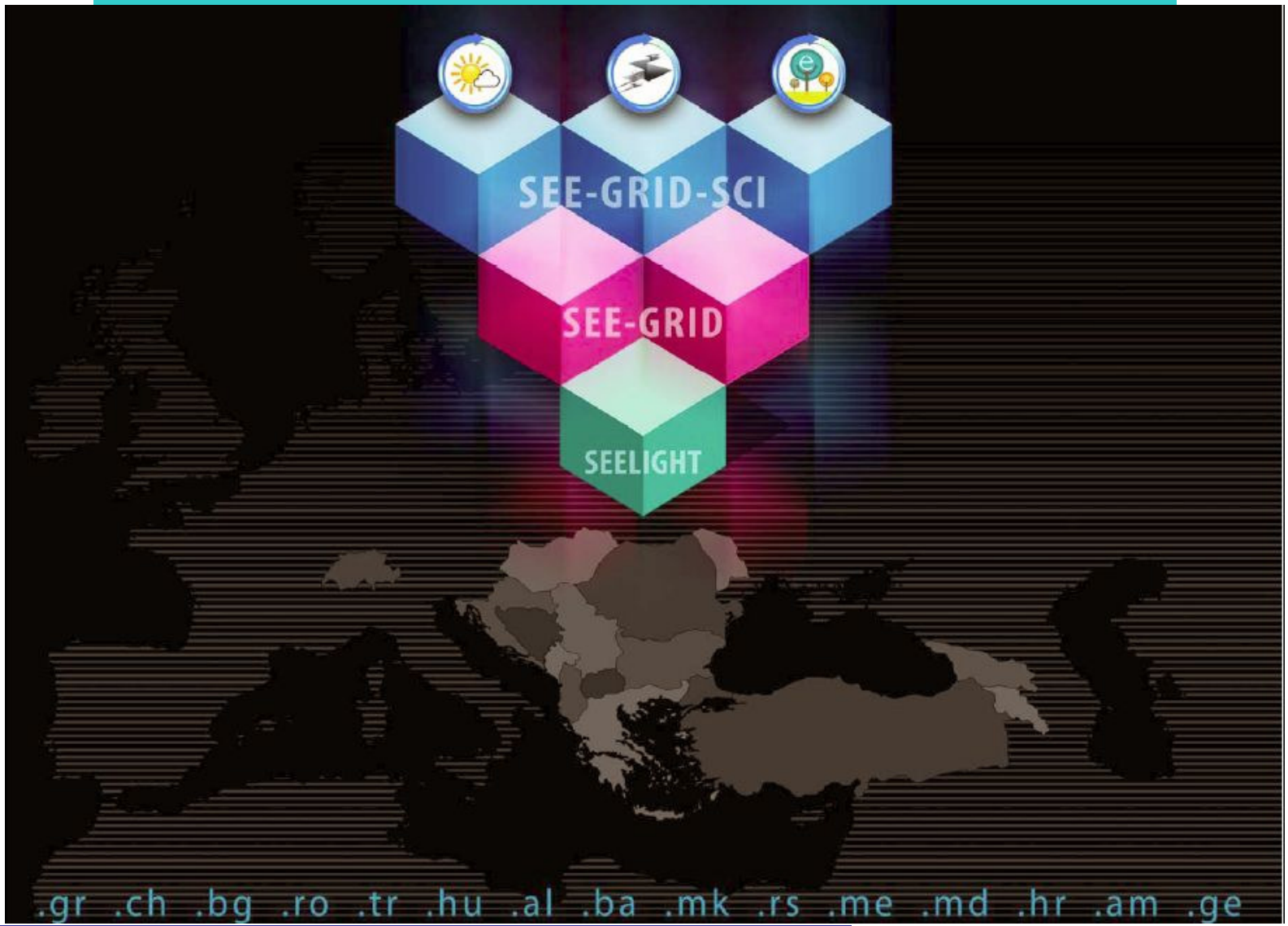


SEEGRID infrastructure - connectivity scheme

SEE-GRID infrastructure nodes



SEE-GRID-SCI: e-Infrastructure for regional e-science



SEE-GRID-SCI Participants

Participant organisation name	Short name	Country
Greek Research and Technology Network	GRNET	GR
European Organization for Nuclear Research	CERN	CH
Institute for Parallel Processing - BAS	IPP	BG
National Institute for Research & Development in Informatics	ICI	RO
The Scientific and Technological Research Council of Turkey	TUBITAK	TR
Computer and Automation Research Institute	SZTAKI	HU
Polytechnic University of Tirana	UPT	AL
University of Banja Luka	UoBL	BA
SS. Cyril and Methodius University of Skopje	UKIM	MK
University of Belgrade	UOB	RS
University of Montenegro	UOM	ME
Research and Educational Networking Association of Moldova	RENAM	MD
Ruđer Bošković Institute	RBI	HR
Institute for Informatics and Automation Problems, National Academy of Sciences of Armenia	IIAP-NAS-RA	AM
Georgian Research and Educational Networking Association	GRENA	GE

SEE-GRID-SCI project partners

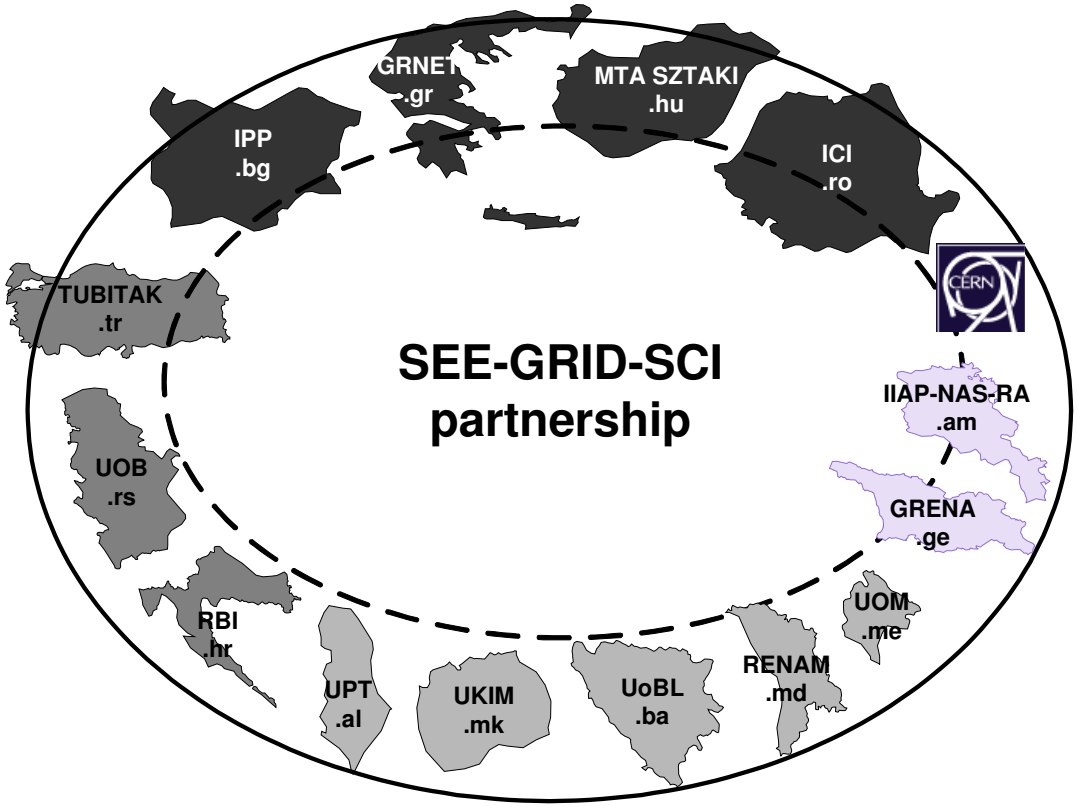
Contractors

GRNET	Greece
CERN	Switzerland
SZTAKI	Hungary
IPP-BAS	Bulgaria
ICI	Romania
TUBITAK	Turkey
ASA/INIMA	Albania
UoBL	Bosnia-Herzegovina
UKIM	FYR of Macedonia
UOB	Serbia
UoM	Montenegro
RENAM	Moldova
RBI Croatia	
IIAP-NAS-RA	Armenia *- new*
GRENA	Georgia *- new*

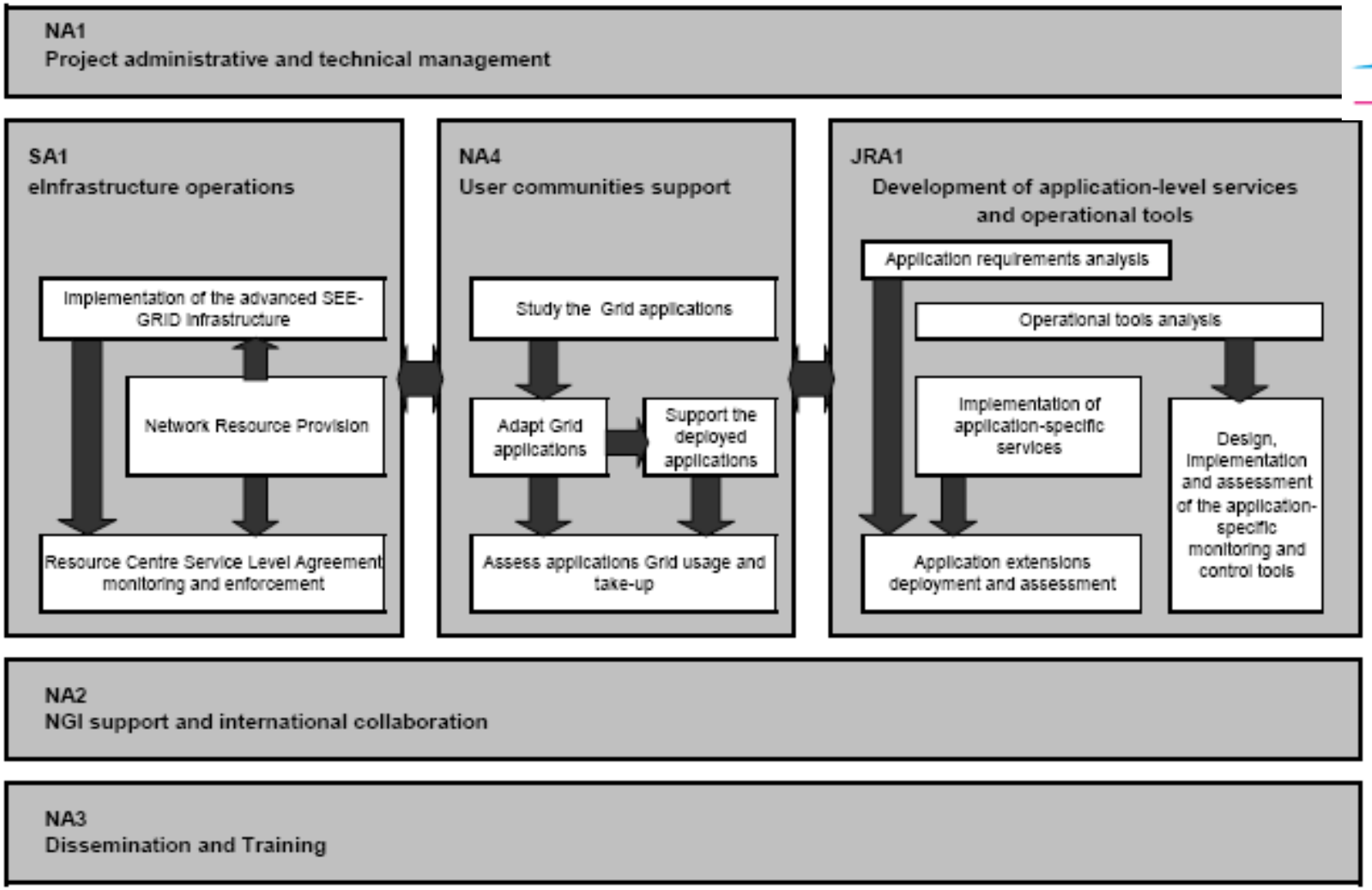
Third Parties

30 universities / research centres

Start date: 01/05/2008
Duration: 24 months
Total Budget: 2,499,969 €



Project overall structure and work plan



Evolution


National
Global
European e-Infrastructure
Testbeds
Productive Use
Utility
BEgrid
open middleware infrastructure institute
grid.it project
e-Toile
National Grid Service
core production computational and data grid
D-GRID
GridPP
UNICORE FORUM
GridIreland
HELLAS GRID Task Force
AUSTRIAN GRID
NORDUGRID
DutchGrid
SWISS GRID
euchinagrid
RINGrid
DORII
SEE-GRID
eGee Enabling Grids for E-sciencE
EUMED Grid
omii europe
BEinGRID
Distributed European Infrastructure for Supercomputing Applications
Diligent
ISSeG
BioinfoGRID
eTICS
Belief
Health-e-Child

SEE Research Area for eInfrastructures

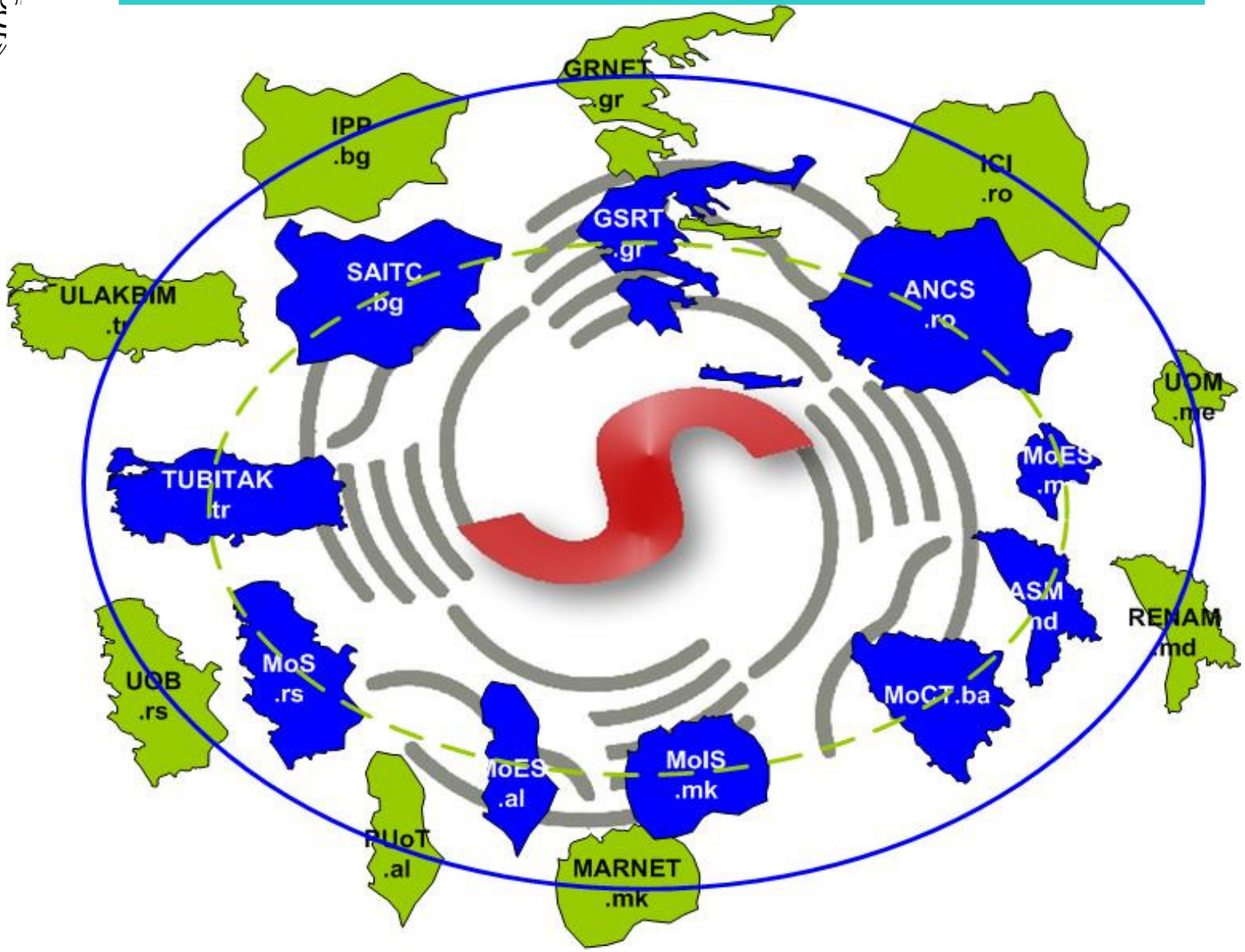
seera net
INTEGRATING AND STRENGTHENING THE EUROPEAN RESEARCH AREA IN SOUTHEAST EUROPE
WWW.SEE-ERA.NET

New project **"South East European Research Area for eInfrastructures" - SEERA-EI** was elaborated and positively evaluated by EC. The project started in April 2009.

SEERA-EI General Information:

- **Integrating Activities – Support for policy development and programme implementation – ERA-NET supporting cooperation for research infrastructures in S&T fields**
- **10 participating countries representing SEE region**
- **Every country is represented in the project by National eInfrastructure programmes owner – respective ministry or governmental agency and national eInfrastracture implementation partner – NREN and/or NGI**
- **Duration 3 years**

The project partnership



General recommendations

- **To find partners and establish contacts before the programme was announced;**
- **Experienced coordinating organization and right person for being a coordinator – predominant factor of the proposal success;**
- **Be aware how to use European mechanisms of partners search;**
- **Contact local NCP;**
- **Sometimes cooperation with consulting organizations is a factor of success.**
- **Use various activities to promote yourself and your expertise to potential colleagues with whom you plan to work together on new project preparation.**

Thank you!

Questions?

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RENAM Association

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