

# Going from EGEE-NA ES cluster to EGI SSC

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*Athen*

Institute	Country	Discipline	Name	VO
SCAI/FhG	Germany	Applied Informatics	H. Schwichtenberg	ESR
IPSL	France	Atmosphere	M. Petitdidier	ESR
IPGP	France	Solid Earth	JP Vilotte	ESR
GCRAS	Russia	Applied Informatics	M. Zhizhin	
IISAS	Slovakia	Applied Informatics	L. Hluchy	ESR
CGGVeritas	France	Solid Earth	G. Vetois	EGEODE
Univ. Cantabria,	Spain	Climate	A. Cofino	ESR&EELA2
IMAA	IT	Civil protection	S. Nativi	CYCLOPS
LGEI	France	Hydrology	P-A Ayrat	CYCLOPS & ESR

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Univ. Minho	Portugal	Civil protection	A. Piña	CYCLOPS
BRGM	France	Environment survey	J. Vairon	ESR
Tubitak?	Turkey	Informatics applied to Seismology	C. Ozturan	SEEGrid
	Greece	Meteorology	??	SEEGrid
BAS	Bulgaria	Pollution,	??	SEEGrid
CMCC	Italy	Climate Change	G. Aloisio	VO-GReIC !!
SRI	Ukrainia	Applied informatics/remote sensing	N. Kussul	
KNMI	Netherlands	Geophysics	W. Som de Cerff	ESR



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Univ. Neuchâtel	Swiss	Hydrology	P. Renard	ESR
CRS4	Italy	Environment	G. Lecca	
ESA/ESRIN	Italy	Earth Observation	L. Fusco	

- 1-6 are members of ES Cluster
- 7-15 are strongly interested
- 16-19 in the decision phase
- 13 Countries

- **Moving from the EGEE ES Cluster to EGI SSC**
  - sustain the collaboration of members of EGEE ES VOs in EGI
  - Eases the transition from the organisational and user point of view (similarities to existing working groups / task forces)
- **Strong link to Astro SSC (crossborder topics etc.)**
- **Existing collaborations among the partners**
  - ES cluster
  - DEGREE
  - Grid sessions at European Geosciences Union
  - Special issue in Earth Science Informatics
  - Interaction with Civil Protection teams
  - MoU EGEE/ES with ESA/ESRIN

## Organisational Structure

(under discussion)

- **Existing tasks in ES cluster work plan:**
  - Management
  - User and application porting support
  - Development
  
- **Transition to :**
  - Steering Committee
  - Management Division
  - Technical planning and development division
  - User Support Division

## Organisation Structure

(under discussion)

- **Steering Committee (SC) of the SSC**
  - every partner (institute, organisation org group) nominates a representative (see table of existing partners) and a deputy
  - Coordinator ensures the active participation in the SSC
  - SSC SC nominates a chair person to be the representative in the EGI User Forum

## Organisation Structure

(under discussion)

- **Management Division**

- Organization and Management of the SSC
- Operating of an Information system (*Portal, Documentation of tools and solutions, best practice documents of porting, testing*)
  - [www.euearthsciencegrid.org](http://www.euearthsciencegrid.org)
- Dissemination

**We prefer a distributed SSC! with a lead institute (IPGP ? )**

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## Organisation Structure

(under discussion)

- **Additional Tasks of Management**
  - establish a **Scientific Advisory Board**
  - Foster interaction between ES community and Grid community
  - Foster interaction, collaboration and support among the SSC partners on a scientific or/and technical base
  - Foster collaboration with ES programmes and initiatives
    - GEOSS, INSPIRE, SEIS .....
    - CYCLOPS (strong connection to ES cluster), GENESI-DR (MOU with ES cluster), DORII, EnvironGRIDS
    - Thematic ES programmes (e.g., GMES)
    - ESSI : Earth and Space Science Informatics (EGU and AGU)
    - OGC, .....

## Organisation Structure

(under discussion)

- **Technical planning and development division**
  - collects requirements of the different domains and user groups
  - develops ES specific services
  - organizes VOs (VO resources, installations)
  - establishes representatives in cooperating working and standardization groups (e.g. [Grid-enabled Open-Geospatial Web Services Working Group](#) (G-OWS) → Stefano Nativi)
  - interacts with the EGI Middleware coordinator Board (MCB)  
(person has to be nominated)

## Organisation Structure

(under discussion)

- **User Support Division**

- supports deployment of applications and ES specific frameworks
- 1<sup>st</sup> level support about available resources
- forwards ES specific problems to the Technical Development Division and Management

- **Proposal to be finalized and discussed among the interested partners**
  - Mail, Teleconference.....
  - Workshop
- **Define list of representatives of each partner for the discussion –not necessarily the one of the board**
- **NGI support**
  - 12 potentially involved & 1 organisation (ESA)
  - Some answers but not FTE or funding commitment
- **Project support**
  - SEEGrid
  - National, European, International???

- January 2009** *ES Workshop - EGI & SSC documents on the web*
- April 2009** *Requirements for UMD requirement working group – dissemination and update*
- April 2009** *Questionnaire dissemination*
- May 2009 mid** *Release of the Workshop summary and a document based on the contributions already received*
- May 2009 –end** *For each partner contribution is asked in terms of human and computing resources, applications, expertise, relationship with ES programme... and support by their NGL; provided and requested FTEs and funding*
- June 2009** *Update of the document and agreement by all partners*
- June 2009** *ES Workshop with all partners*
- July 2009** *The document dedicated to the migration plan of the ES cluster to EGI should be in place. All the necessary steps will be described in details*

- **Timetable**