



# EGIDA Project

## *Coordinating Earth and Environmental cross-disciplinary projects to promote GEOSS*

**EGIDA will prepare a sustainable process promoting coordination of activities carried out by: the GEO Science & Technology (S&T) Committee; S&T national and European initiatives; and other S&T Communities.** This will be done by supporting broader implementation and effectiveness of the GEOSS S&T Roadmap and the GEOSS mission through coherent and interoperable networking of National and European projects, and international initiatives. **EGIDA will deliver evaluation processes, tests and assessment indexes, expertise databases, a “GEO Label” concept, surveys, and other instruments that will link relevant European S&T communities to GEOSS and ensure it is built using state-of-the-art science and technology.** Through coordination with the GEOSS S&T Committee (five co-chairs are involved in EGIDA), these deliverables will contribute strongly to the GEO S&T Roadmap implementation.

For European countries, **EGIDA will deliver the EGIDA Methodology, a sustainable mechanism based on the GEO S&T approach at national and regional level, to coordinate national multi-disciplinary “System of Systems”.** This builds on existing national initiatives and European projects, and facilitates the European S&T Community contributions to and interactions with GEOSS. The EGIDA Methodology will improve development and management of S&T infrastructures (i.e. sensors, data, processing services, and environmental modelling infrastructures), supporting mobilization of the resources needed to contribute effectively to GEOSS.

**EGIDA will involve developing countries by transferring the EGIDA S&T methodology to them and implementing three specific use cases:** two regional use-cases (Balkan region, Mediterranean region) and a pan-European thematic use-case (Air Quality and Health). **EGIDA will be embedded within a wide Network of Stakeholders** selected to represent the various actors (science teams and institutions, S&T programmes, GEO components) and the scientific fields relevant to the nine GEOSS SBAs.

**EGIDA CONSORTIUM**

09 Septemeber 2010

# EGIDA Project

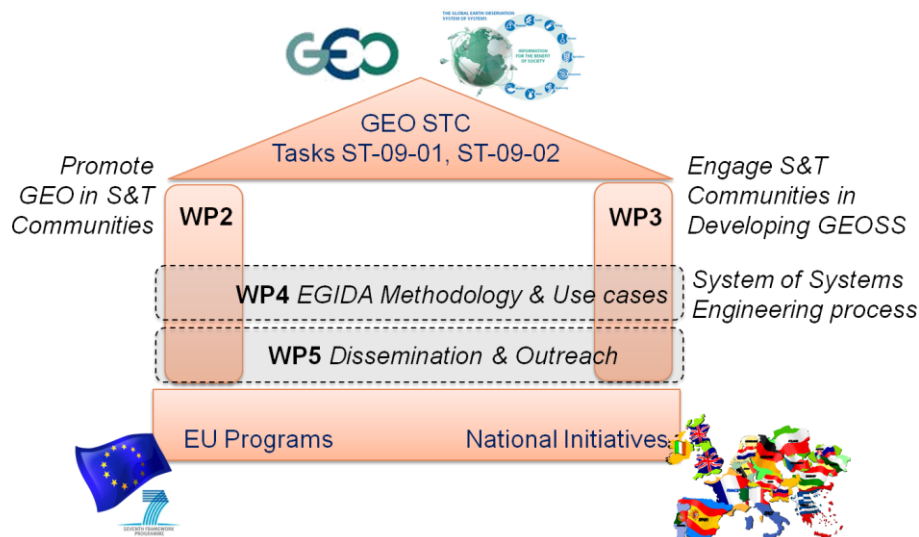
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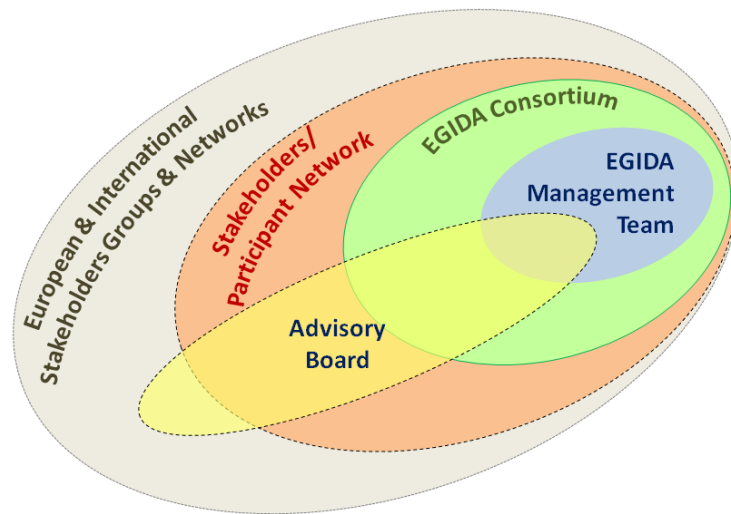
Type of funding scheme	Co-ordination and support actions (Coordinating)
Work programme topics addressed	Area 6.4.1.1 Integration of European activities within GEO ENV.2010.4.1.1-1 Supporting the integration of European and international R&D programmes in GEO
Contact Point	Stefano Nativi (stefano.nativi@cnr.it)

## Consortium

Participant organisation name	Short Name	Country
Italian National Research Council (Coordinator)	CNR	ITALY
The Institute of Electrical and Electronics Engineers, Incorporated, France section	IEEE	FRANCE
International Institute for Applied Systems Analysis	IIASA	AUSTRIA
Institute for Environmental Protection and Research	ISPRA	ITALY
Norwegian Institute for Air Research	NILU	NORWAY
Max-Planck-Society for the Advancement of Sciences e.V.	MPI-C	GERMANY
GKSS Research Centre Geesthacht	GKSS	GERMANY
Swedish Environmental Institute	IVL	SWEDEN
Institute Jozef Stefan	IJS	SLOVENIA
Natural Environment Research Council	NERC	UK
Bente Lilja Bye	BLB	NORWAY
Danmarks Meteorologiske Institut	DMI	DENMARK
Centro de Investigacion Ecologica y Aplicaciones Forestales	CREAF	SPAIN

## Project Structure





## Advisory Board

Member	Role/Organization
<b>Alessandro Annoni</b>	Head of Spatial Data Infrastructure Unit of JRC (EC)
<b>Kathleen S. Fontaine</b>	GEOSS Liaison between the Geostationary Orbiting Environmental Satellite (GOES-R) Ground Segment and the National Oceanic and Atmospheric Administration (NOAA) - NASA (USA). Co-leader of GEO Task ST-09-01.
<b>Kostadin Ganev</b>	Head of Department of Atmospheric Physics, Bulgarian Academy of Sciences - Geophysical Institute "Acad. L. Krastanov" (Bulgaria)
<b>Gisbert Glaser</b>	Member of the ICSU Secretariat: Senior adviser for Environment and Sustainable Development
<b>Jiming Hao</b>	Dean Institute of Environmental Science and Engineering Tsinghua University Beijing (China)
<b>Herbert Haubold</b>	Coordinator of the GMES Network of Users (GNU) - EAA (Austria)
<b>Jörn Hoffman</b>	Co-chair of the Science and Technology Committee - DLR (Germany)
<b>Patrick Monfray</b>	Member of Steering Committee IGFA (International Group of Founding Agencies for Global Change Research) – CNRS/INSU (France)
<b>Stuart Minchin</b>	Research Program Leader Environmental Observation and Landscape Science of CSIRO (Australia) and co-chair of the Science and Technology Committee
<b>Val Munsami</b>	South African National Space Agency; Department of Science and Technology (South Africa) and co-chair of the Science and Technology Committee
<b>Satoshi Sekiguchi</b>	Director Information Technology Research Institute of AIST (Japan)
<b>Ivana Vasiljevic</b>	University of Belgrade, Faculty of Mining and Geology (Serbia)

## Stakeholders Network

Organization	Contact Point	Country /Region	Projects/Programmes
<b>Advanced Industrial Science and Technology</b>	Satoshi Sekiguchi	Japan	GEO Grid, GEOSS SIF
<b>Bulgarian Academy of Sciences; Geophysical Institute “Acad. L. Krastanov”</b>	Kostadin Ganev	Bulgaria	“iSOIL”: Interaction between soil related sciences – Linking geophysics, soil science and digital soil mapping ; “TRANSFER”: Tsunami Risk ANd Strategies For the European Region; “SEE-GRID”: eInfrastructure for regional eScience
<b>Commissione Oceanografica Italiana</b>	Giuseppe Manzella	Italy	Intergovernmental Oceanographic Commission
<b>CSIRO</b>	Stuart Minchin	Australia	STC, GRSS, IEEE GEOSS Workshop
<b>CNRS/INSU</b>	Patrick Monfray	France	IGFA, EUR-OCEANS, GMES
<b>Austrian Environment Agency (EAA)</b>	Herbert Haubold	Austria	GAC, GNU, GSE, MACC, PROMOTE, Geoland I, GSE Land, LISA
<b>ERAWatch</b>	Aris Kaloudis	EC	proVISION, GMES
<b>Institut Cartogràfic de Catalunya</b>	Jaume Miranda	Spain	EUREF, INSPIRE, CS PCOT, CS IDEC
<b>Instituto Nacional de Pesquisas Espaciais</b>	João Viane Soares	Brazil	CBERS, GEO CBC
<b>National Centre of Geographic Information/National Geographic Institute</b>	Sebastián Mas-Mayoral	Spain	Spanish SDI, INSPIRE
<b>Research Council of Norway</b>	Kirsten Broch Mathisen	Norway	Global Change Committee
<b>South African National Space Agency; Department of Science and Technology</b>	Val Munsami	South Africa	GEOS/GEOSS co-chair STC
<b>IEEE South Africa Section</b>	Saurabh Sinha	South Africa	GEO/GEOSS
<b>Tsinghua University</b>	Jiming Hao	China	Global Monitoring Plan for Atmospheric Mercury
<b>TÜBİTAK</b>	Tamer Özalp	Turkey	National/Space Research Programme, Public Research Programme, TR-GRID
<b>University of Belgrade; Faculty of Mining and Geology</b>	Ivana Vasiljevic	Serbia	RESTCA-TERCE-NIPMSS, SourceSink, "Sustainable Aggregates Resource Management", CC-WaterS
<b>Universität Bonn</b>	Michael Nyenhuis	Germany	GEOSS studies, EUGENE, Analyst of the GEO’s Societal Benefit Area “Weather”
<b>University of Nevada, Reno</b>	Hans-Peter Plag	USA	GEO STC, Point of Contact of GEO Task ST-09-02