



Global Monitoring for Environment and Security

General objectives of the Forum

The GMES Forum is a key element of the GMES Action Plan. Its aim is to build a shared understanding of the issues facing the establishment of a European Capacity for Global Monitoring of Environment and Security and to develop a common approach of the actions to be undertaken during the Implementation Period of the GMES Action Plan (2004-2008).

Aim of the 4th Forum

The 4th GMES Forum is organised jointly by the Ministero dell'Ambiente e della Tutela del Territorio, the Ministero dell'Istruzione, dell'Università e della Ricerca, the European Commission and the European Space Agency.

The 4th Forum will focus on the results achieved under the Initial Period of GMES Action Plan (2002-2003) and on the actions to be taken to develop a European capacity for Global Monitoring of Environment and Security. The basis of the presentations and of the discussions will be the Draft Final Report of the Initial Period of the GMES Action Plan, as well as the supporting detailed reports. The 4th Forum will be followed by the second meeting of the GEO ad hoc Group (28 p.m.-29) which highlights the complementarity of the initiatives.

GMES 4th FORUM
26 - 28 November 2003
Baveno - Italy



26 November 12.00 – 14.00 Registration

14.30 – 15.30 Introductory addresses

Chair: Ezio Bussoletti, *MATT Minister Advisor*

Altero Matteoli, *Ministro dell'Ambiente e della Tutela del Territorio*
Guido Possa, *Vice Ministro dell'Istruzione, dell'Università e della Ricerca*

Corrado Clini, *Director General del Servizio Protezione internazionale, MATT*

Catherine Day, *European Commission Director General for Environment*

Jean-Jacques Dordain, *Director General European Space Agency*

PLENARY SESSION 1 15.30 – 18.00 GMES : Objectives, content and recommendations for actions 2004-2008

The GMES'proposal' :

Timo Mäkelä. *European Commission, Director DG Environment*

José Achache. *European Space Agency, Director Earth Observation*

16.30 – 17.00 Break

Views on GMES :

Colin Hicks, *Chairman of the GMES Steering Committee Drafting Group*

David Williams, *Eumetsat*

Jacqueline Mc Glade, *Director of the European Environment Agency*

VADM Conrad Lautenbacher, *GEO co-chair*

27 November

PLENARY SESSION 2 **8.30 – 12.30 Some lessons learnt**

Chair : David Wilkinson. *EC, DG JRC*

8.30-9.30 Overview

GMES Thematic projects. *Michel Cornaert. EC, DG RTD*

Earthwatch GMES Services Element. *Mark Doherty. ESA, EOP-S*

9.30-12.30 Selected projects. Presentations and discussion.

EUROSION. *Stéphane Lombardo. Rijksinstituut voor Kust en Zee, Den Haag, NL*

MERSEA. *Johnny Johannessen. NERSC, Bergen, NO*

METHMONITEUR. *Euan Nisbet. Royal Holloway, University of London, UK*

10.30-11.00 Break

GSE FOR VEGETATION AND WATER. *Thomas Hausler, GAF and Birgitte Mohaupt-Jahr, UBA*

GSE FOR RISK. *Arnaud De Saint Vincent. Astrium. Chris Browitt. EMSC. Ulf Bjurman. SRSA*

GSE FOR MARINE AND COASTAL ENVIRONMENT. *Roberto Aloisi, Alcatel. David Palmer, UK Environment Agency. François Parthiot, CEDRE.*

12.30 – 14.00 Lunch

14.00-15.30 Poster Session

The Posters Exhibition will be displayed in adjacent room/lobby and can also be visited during the whole GMES Forum as well as GEO meeting.

15.30-18.30 Parallel sessions

- **Parallel session 1 : Meeting the user needs**
- **Parallel session 2 : The observing and serving technical capacity (situation, adequacy, proposal)**
- **Parallel session 3 : RTD needs and capacity building**
- **Parallel session 4 : Multi-level co-operation (local, regional, national, international)**

28 November

PLENARY SESSION 3 9.00 – 12.30 Presentation and discussion of results

Chair: C.Patermann, *European Commission, DG Research*

The results of the four parallel sessions will be presented by the rapporteurs and will be followed by questions from the floor and comments by the discussion panel.

Discussion panel:

- Franz Turchi, *Member of the European Parliament*
- Timo Mäkelä, *European Commission Director DG Environment*
- José Achache, *European Space Agency, Director Earth Observation*
- Herbert von Bose, *European Commission, HoU DG Research*
- Tillmann Mohr, *Director General of Eumetsat*
- Brian Routledge, *Deputy Director EU Satellite Centre*
- Jean-François Minster, *Director General IFREMER, FR*

12.30-13.00 Concluding remarks

- Giacchino Fonti, *Director International Affairs, MIUR*
 - Frank McGovern, *Environmental Protection Agency, IRL*
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Parallel session 1: Meeting the users needs

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Information requirements of EU national policies and their role in information production mechanisms for dialogue between users and other parties

Chair: Anver Ghazi, European Commission, DG Research

Rapporteur: Mark Doherty, ESA, EOP-S

Analysis of information needs for European Environment and Security Policies and implications for GMES. Barry Wyatt, Centre for Ecology & Hydrology, NERC, UK

Meeting needs associated with Community policies – GMES at the JRC. J-P. Malingreau, EC JRC

Developing the European Geographic Basis : the potential offered by the Common Agricultural Policy control and reporting obligations, Eric Willems, EC DG AGRI and Els De Roeck, EC JRC

EU Regional Policy : Needs for information. Michael Albas, DG REGIO

Security related European policies information needs. Christine Bernot, EC DG Research

Meeting the needs of different users : a regional viewpoint. Prof. Carlo Maria Marino, Environment Protection Agency Regione Lombardia, IT

Outreach programmes: the example of Canada. Ron Brown. Canadian Space Agency

A user perspective on remote sensing techniques for environmental monitoring applications in Finland. Timo Pyhälähti, Finnish Environment Institute, Helsinki, FI

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Parallel session 2: The observing and servicing technical capacity

Chair: Chris Steenmans, European Environment Agency

Rapporteur: Michel Cornaert, EC DG Research

Components and priorities. Peter Ryder, Environmental Information Services, UK

The role of data policy. Ray Harris, University College London, UK

Upgrading observing networks :

- Example : the implications of the Water Framework Directive. Philippe Crouzet, IFEN, Orleans, FR
- Integrated Global Carbon Observation. Anette Freibauer. Max Plank Institut, Jena, DE
- Road to operational EO systems. NN, ESA
- Example : Cosmo-Skymed. Giovanni Rum. Italian Space Agency, Roma, IT

The need for a European spatial data infrastructure : the INSPIRE initiative. Marc Vanderhaegen. EC, DG Environment.

Interoperability, quality assurance, standardisation : The METROPOLIS experience. Valeria Dulio, Institut National de l'Environnement et des Risques, FR.

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Parallel session 3: RTD role and capacity building

Chair: Stephen Briggs, ESA

Rapporteur: Alan Edwards, EC, DG RTD

Generic needs for research and exploitation of knowledge. Introduction by D. Briggs, Imperial College, UK

Integrated Observation Networks of the future : a prospective view. Prof Ir. Peter Hoogeboom, TNO, NL

Specific needs for research and technological development :

- Land. Anton Imeson, University of Amsterdam, NL
- Sea. Nadia Pinardi, University of Bologna, IT
- Atmosphere. Geir Braathen, GATO, NILU, NO

Capacity building, Jan Stel, ICIS, Maastricht, NL

The GMES Russia network component. Dr Nicolai Dobretsov, Geoinformation, Novosibirsk

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Parallel session 4: Multi-level cooperation (local, regional, national, international)

Chair: David : David Williams, EUMETSAT

Rapporteur: Ronan Uhel, EEA, International Co-operation

The European Information and Observation Network and related changes in the Belgian environmental network. Jan Voet, IRCEL, Brussels

Viewpoint from some European non governmental organisations:

- Claude Pastre, Eumetnet : lessons from the EUCOS project.
- Hans-Peter Plag, ESEAS.
- Emile Elewaut, Eurogeosurvey.

Sharing assets. Yves Desaubies, Ifremer, FR

The local and regional authorities as information users and key data producers. François Desrentes, CRPM

Building regional institutional partnership : the MAMA Pilot experience. Silvana Vallerga, MAMA co-ordinator and MedGOOS Chair