



GEO Italy

Maria Dalla Costa - ISPRA

EGIDA Project
National Use Cases Workshop
GEO-Italy

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Italy strongly supported the birth of GEO

- Italy has been among the countries strongly supporting the birth of GEO
- It pushed for the inclusion in the GEOSS 10 Year IP of the need for EO to provide data and information streams needed to implement National , European and Multilateral Environment Obligations



Italy's contribution in several directions

- ➔ Improve national level coordination between various types of GEO stakeholders, EO providers, Intermediate and End Users, R&D institutions (ASI, CNR, DigitPA, ISPRA, ENEA, UniTuscia, CMCC.....)
- ➔ Improve communication among several stakeholders (Central and Regional Administrations) and links to national experiences in GMES developments and projects
- ➔ Contribute to the space component of GEOSS through the Italian space program CosmoSkyMed with its four polar all weather radar sensor satellites
- ➔ Contribute to the non –space component of GEOSS by making available environmental data and information through the information platforms developed by national institutions (CNR-GIIDA, ISPRA-SINAnet), in line with SEIS and INSPIRE
- ➔ Joint Contribution by CNR and ISPRA to AIP 2 and 3 (partnership GIIDA & Sinanet)



Italy's contribution to the GEO WORK PLAN

Italian experts contribute to several tasks within

- the “transverse areas” such as
 - Architecture and Data Management (Standard and Interoperability Forum-SIF, Data Sharing TF)
 - Science & Technology
 - User Engagement
- and within several SBAs
 - Disasters
 - Health
 - Climate
 - Ecosystems
 - Biodiversity
 - Water



Italy's participation in GEO's Committees and Structures

- In The Executive Committee
- In the European High Level Working Group
- In the GEO Committees
 - Co-Chair of S&T, CNR
 - Member of UIC, ISPRA
 - Member of the GEO M&E WG, ISPRA & CNR
- In other GEO structures
 - Co-chair, Climate Change and Biodiversity Area of AIP2 and AIP3, CNR
 - European Contact Point for SIF (Standard Interoperability Forum), CNR
 - Member of the GCI Coordination Team, CNR-ISPRA
 - Member of the Data Sharing Task Force, ISPRA
 - Experts in some Advisory Groups for reports on SBAs within UIC and within S&TC, ISPRA



Italian GEO Structure

GEO Principal: Ezio Bussoletti, National Environment Impact Assessment Commissioner, Vice-President ASI, Parthenope University

GEO Principal Alternate: Maria Dalla Costa, ISPRA

National Core Group: Italian Ministry for the Environment Land and Sea, Italian Ministry of Education, University and Research, ASI, ISPRA, CNR, UniTuscia

Other Participating Organisations: EUCENTRE, Italian Meteorological Service, CNR Institute for coastal marine environment, CNR Marine science institute , CNR Institute of Methodologies for Environmental Analysis, several Universities

Working modalities:

- 1 National level Meeting per year
- Periodical Meetings of the Core Group
- Periodical consultations on GEO WP & other key documents



Italian Leadership and/or Participation in EC financed GEO Relevant Projects

- EUROGEOSS
- GIGAS
- EGIDA
- GMOS
- GEOCARBON
- PANGEO.....



Italian Leadership and/or Participation in EC financed GMES Relevant Projects

- GNU
- MarCoast
- MyOcean
- HELM
- GRAAL
- BRISEIDE
- OneGeology Europe



Some lessons learned from Italian participation in GEO

- Experiences from GMES projects not sufficiently valorized within GEO
- Improved and sustainable in situ monitoring still a national, European and Global Challenge
- R&D projects for GEOSS implementation need to include support/coordination actions to improve “outreach”, best practice exchange, training and communication activities
- Need to mainstream GEO data sets in enabling monitoring and reporting systems and show users real gains through: improvement of their daily work, practical applicability and reliability
- Data sharing principles a good result from the GEO community: more to be done for their implementation



Some lessons learned from Italian participation in GEO

Users interested not only in data sources but mostly in:

- user friendly data sets
- integrated products using complementary data from different sources (in situ, satellite, statistics, models)

Distinguish between “user needs” and “user requirements” (e.g. to meet national, European, global reporting)

The delivery of decision support services need to address the chains of responsibilities and related liabilities of national entities targeted for the services

