



Coordinating and integrating state-of-the-art
Earth Observation Activities in the regions of
North Africa, Middle East and Balkans
and Developing Links with GEO related initiatives
toward GEOSS

GEO-CRADLE Pre Kick-Off Meeting
Friday, 18th of February, 2016
EGS networking event



EuroGeoSurveys
Geological Survey Department
Cyprus
www.gsd.gov.cy



Past project experience

For raw materials:

- Geochemical Atlas (5,000 sample sites)
- New methodologies for volcanic-hosted copper sulphide mineralization on Cyprus: A GIS- prospectivity analysis- based approach
- Mapping with LiDar (**L**ight **D**etection **A**nd **R**anging)
- Characterization of decorative and building stones of Cyprus
- Minerals 4EU
- ProSum (on-going project)
- MICA (on-going project)

For other fields using remotely sensed data:

- Lefkosia
- Terrafirma - Lefkosia
- PanGeo – Lefkosia
- West Cyprus



In – situ data:

- 250+ GIS data layers
- Very extensive geological mapping
- 14.745 boreholes
- 220 groundwater monitoring (water, groundwater and nitrate framework Directives)



Stakeholders for raw materials:

- **Holders:** Cyprus Geological Survey
Mines Service
Mining and Exploration Companies
- **Users:** Committee for Sustainable Development of Mineral Resources, Private Companies, Mining and Quarrying Companies
- **Authorities:** Town Planning & Housing Department



legislations:

- Town Planning & Housing Permit
- Environmental Impact Assessment
- Mines & Quarries Regulations
- Geological Survey Regulations

Intellectual property rights (IPR)

- Some data are for the public but some are kept for Mining Service and the Companies

Thank you !