

The EO-MINERS project in FP7



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- **ENV.2009.4.1.3.2:**
 - Earth Observation in support of a sustainable exploitation of mineral resources
- **Expected impact:**
 - *Improved interaction between industry and society as foreseen in the **European Platform on Sustainable Mineral Resources** and enhanced industry sustainability*

EC vision

- To put together research organisations and mining companies
- To pave the way for raw material in Horizon 2020
- To influence projects that will be supported by EC in the future
- To help EC in its raw material policy and in better exploiting mineral resources from the European territory
- To help shaping Resource Efficient Europe flagship initiative
- To contribute to GEO-GEOSS SBAs (SB-05-C2 and EN-01)
- *EO-MINERS to demonstrate how to improve the capacity of Europe in implementing new mining sites*

- 3 projects addressing minerals in ENV call
-  **AEGOS** (call 2007)
 - African European Georesource Observation System
 - www.aegos-project.org
- **EO-MINERS** (call 2009)
-  **imapctmin** (call 2009)
 - Impact monitoring of mineral resources exploitation
 - www.imapctmin.eu

Direct contribution of FP7 ENV projects to GEOSS

Health



EO2HEAVEN (09)
EO-MINERS (09)
ImpactMin (09)
 GMOS (10)

Energy



EnerGEO(08)
EO-MINERS (09)
ImpactMin (09)
AEGOS (07)

Water



CEOP-AEGIS(07)
 HYPOX(08)
 EUGENE (09)
 GEOWOW (11)

Weather



GEOWOW (11) DEVCOCAST (07)
 AGRICAB (11)
 Further project in 2013

Agriculture

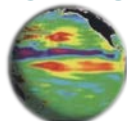


Disaster



EUGENE (09)
 Further project in 2012

Climate



COCOS(07)
 EuroSITES(07)
 ACOBAR (07)
 HYPOX(08)
 EUGENE (09)
 ERACLIM (10)
 GEOCARBON (11)

Ecosystem



e-SOTER (07)
 EnviroGRIDS(08)
 HYPOX(08)
EO-MINERS (09)
ImpactMin (09)
 Medina (11)

Biodiversity



EBONE (07)
 HYPOX(08)
 Further project in 2012

- EO-MINERS high ranked by the evaluators with one of the best marks among all the proposals received in the domain of GEO throughout the entire FP7 cycle
 - ✓ Innovative aspects
 - ✓ Contribution to ETP-SMR
 - ✓ potential for advancing the European expertise in applying Earth Observation to monitoring the environmental impact of mining production
 - ✓ inform and actively involve, during the project, governmental organizations, industrial and societal groups