EO-MINERS

The EO-MINERS project in FP7

EO-MINERS Final Conference
Versailles, October 11 - 12, 2013

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FP7 ENV 2009 call

• 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*
Minerals in FP7 Environment and Climate Change

• 3 projects addressing minerals in ENV call
  • AEGOS (call 2007)
    – African European Georesource Observation System
    – www.aegos-project.org
  • EO-MINERS (call 2009)
  • IMPACTMIN (call 2009)
    – Impact monitoring of mineral resources exploitation
    – www.imapctmin.eu
Direct contribution of FP7 ENV projects to GEOSS

Health
- EO2HEAVEN (09)
- EONERGEO (08)
- EO-MINERS (09)
- ImpactMin (09)
- GMOS (10)

Energy
- CEOP-AEGIS (07)
- HYPOX (08)
- EUGENE (09)
- GEOOWOW (11)

Water
- Further project in 2013

Weather
- Further project in 2013

Agriculture
- Further project in 2013

Disaster
- EOS جانب (09)
- Further project in 2012

Climate
- EUGENE (09)
- 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