



Integrated GMES Project on Landcover and Vegetation

Round table 10 February PM



geoland

Etienne Bartholomé – 3° GEOLAND FORUM, VIENNA 8-10 FEB 2006



European Commission
Joint Research Centre

Consortium perspective

1) technical results

- Technical results reach maturity
- This is the result of consistent multi-year dedication, before and during GEOLAND
- Informal working contacts exist between GEOLAND and many other major projects (see technical session)
- Further research areas are identified
- Similar products from different origin/projects will have to be compared in a user-oriented perspective



Consortium perspective

2) Operational scenario

- Addressed jointly by all global components = specific structuring result of GEOLAND
- Implementation strategy identified
- to be discussed next week among key stakeholders (providers AND users)



Downstream service perspective

1) JRC positioning

- JRC has an institutional mandate for independent R&D in support to EU sectoral policies and EC services
- JRC is mandated to develop (and on *ad hoc* basis to operate) monitoring systems in various thematic areas → part of the GMES perspective
- JRC is not the only downstream service (see GEOLAND analysis)



Downstream service perspective

2) Need of a stable global land monitoring core service

- Advanced products are needed by downstream services at JRC like elsewhere in other downstream services
 - The request is there since several years already!!!
 - The momentum created by GEOLAND towards the establishment of such a core service shouldn't be lost!
- Key question with no answer so far: how to sustain this momentum from 1st January 2007 in view of the establishment of the service in 2008???



Downstream service perspective

3) Need for continued EO data provision

- GMES calls for European autonomous EO capacity
 - A gap is identified for the period 2010-2020 for what regards low-medium resolution optical sensors specifically designed for land monitoring applications
 - The gap filler seems today identified as sentinel 3, a primarily ocean-oriented mission
 - Considering the MERIS experience JRC shares the concern expressed by the land monitoring community about the adequacy of instrument properties to specific land monitoring needs (re. sentinel “3-land”)
- The proposal made by GEOLAND to provide support to the identification of adequate mission specification for land monitoring applications is therefore fully supported by JRC

