



DeCOVER

Efforts to integrate and update European and national GI data in Germany

Oliver Buck , EFTAS GmbH



Gefördert durch die Bundesrepublik Deutschland, Zuwendungsgeber: Raumfahrt-Agentur des Deutschen Zentrums für Luft- und Raumfahrt e. V. mit Mitteln des Bundesministeriums für Wirtschaft und Technologie aufgrund eines Beschlusses des Deutschen Bundestages unter den Förderkennzeichen FKZ 50EE0908, 50EE0909, 50EE0910, 50EE0911, 50EE0912, 50EE0913, 50EE0914, 50EE0915.

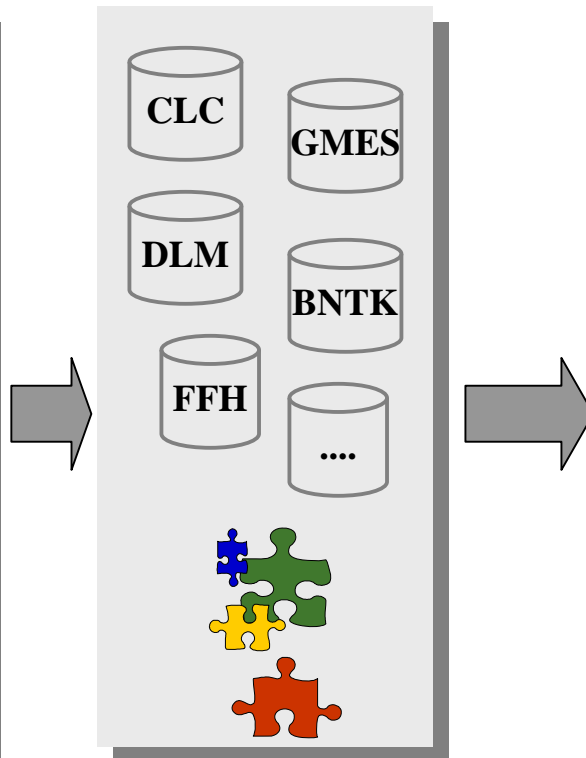


SITUATION

DATA NEED

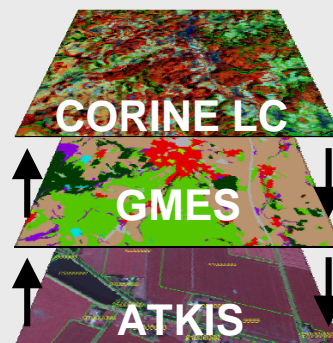


DATA SITUATION

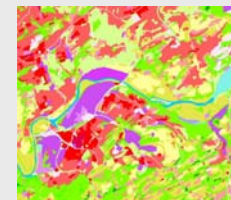


DeCOVER 2

Update Services

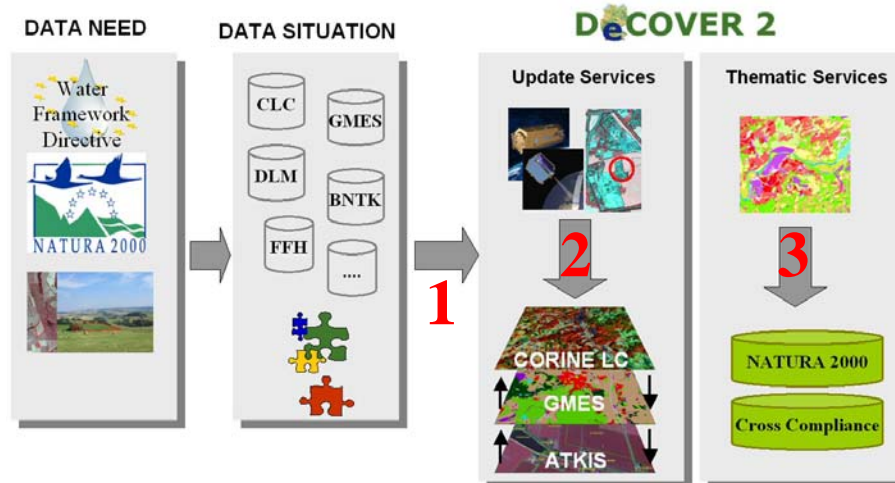


Thematic Services



OBJECTIVES DeCOVER 2

- **1** Improve INTEROPERABILITY
- **2** Support UPDATE of existing land cover / use data systems at European, national and regional level using RapidEYE and TerraSAR-x
- **3** Setup THEMATIC SERVICES to support NATURA 2000 and Cross Compliance Monitoring using Remote Sensing based information





FACTS DeCOVER 2

- Duration: 01.07.2009 – 31.07.2012
- Total Budget: 4.9 M€
- Contact: EFTAS GmbH (Coordination), Oliver Buck oliver.buck@eftas.com
- Project Team and tasks:



- EFTAS GmbH: Coordination, User platform, Lead Thematic Service Development, Agricultural aspects Update Service



- DELPHI IMM GmbH: Lead Interoperability, data model, DeCOVER Geo Webportal



- RapidEye AG: Lead Update Service Process chain development



- Infoterra GmbH: Lead Update Service Change Detection development, Cost-Benefit-Analysis



- Remote Sensing Solutions GmbH: Thematic Service development Natura 2000



- Institute of Photogrammetry and GeoInformation, Leibniz University Halle: development of thematic services, internal geodata management



- GAF AG: Lead Quality Assurance, internal quality assurance aspects, Urban and Forest aspects Update Service



- Institute for Geosciences, Martin Luther University of Halle: external quality assurance



STATUS DeCOVER 2 2009/10

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- User platform continuation and extension from DeCOVER 1
- Archive data RE and TSX (2009), acquisition planning 2010
- Semantic models for target data systems
- First prototype Geo web portal
- Design process chain, data integration
- Update Service Change detection concept including change layer data specification
- Thematic Service definition (in progress)
- Quality concept, user survey quality aspects, standards

MILESTONES 2010

- Service specifications
 - Update service
 - Thematic Services
- Test site demonstrations (end 01/2011)
- Improved interoperability models
- Quality assurance methods
- Launch geo web portal for data validation

