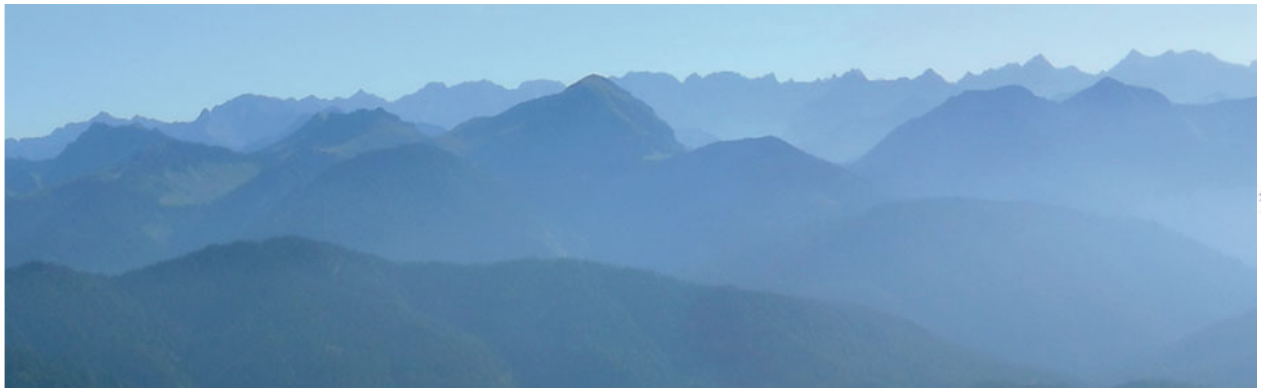
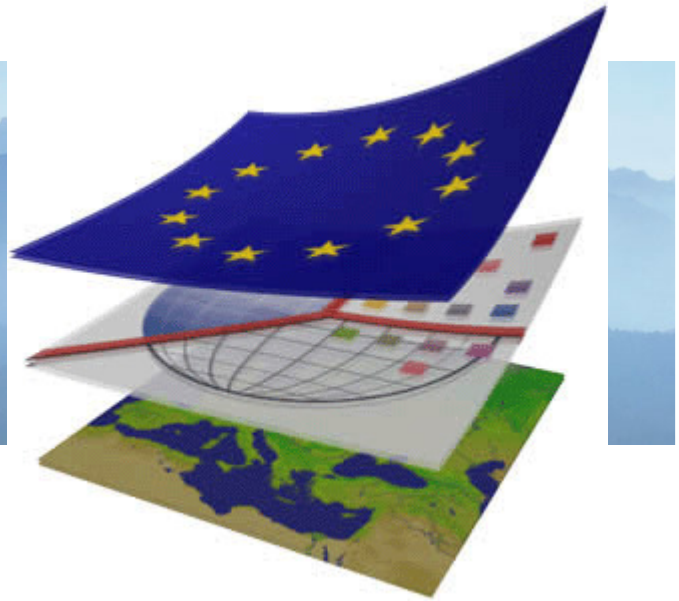
HUMBOLDT
www.esdi-humboldt.eu





HUMBOLDT Open Day

Welcome and Introduction

Dr. Joachim Rix, Project Co-ordinator

Lisbon, September 28, 2010

HUMBOLDT

It was the ultimate ambition of Alexander v. Humboldt
to collect and integrate the knowledge of his time and,
by doing this, to gain new insights in all areas of life.

A step towards

the European Spatial Data Infrastructure (ESDI)

Project philosophy:

re-use the existing

extend by need

arrive at the ESDI

prosper by application

Project Objectives

- The main goal of HUMBOLDT is providing tools for transforming the available geodata (Spatial Data Infractructures) into information, which can be used across borders and for a variety of applications and information products
- Common software tools and services to support transformation needs
- Integration of these tools and services into existing SDI
- Support for INSPIRE (tools for data harmonisation) and GMES (theme-specific services)
- Users' perspective on the SDI: From a data-centric view to a usage centric view

HUMBOLDT Project Fact Sheet

Full Title:
Development of a Framework for Data Harmonisation and Service Integration

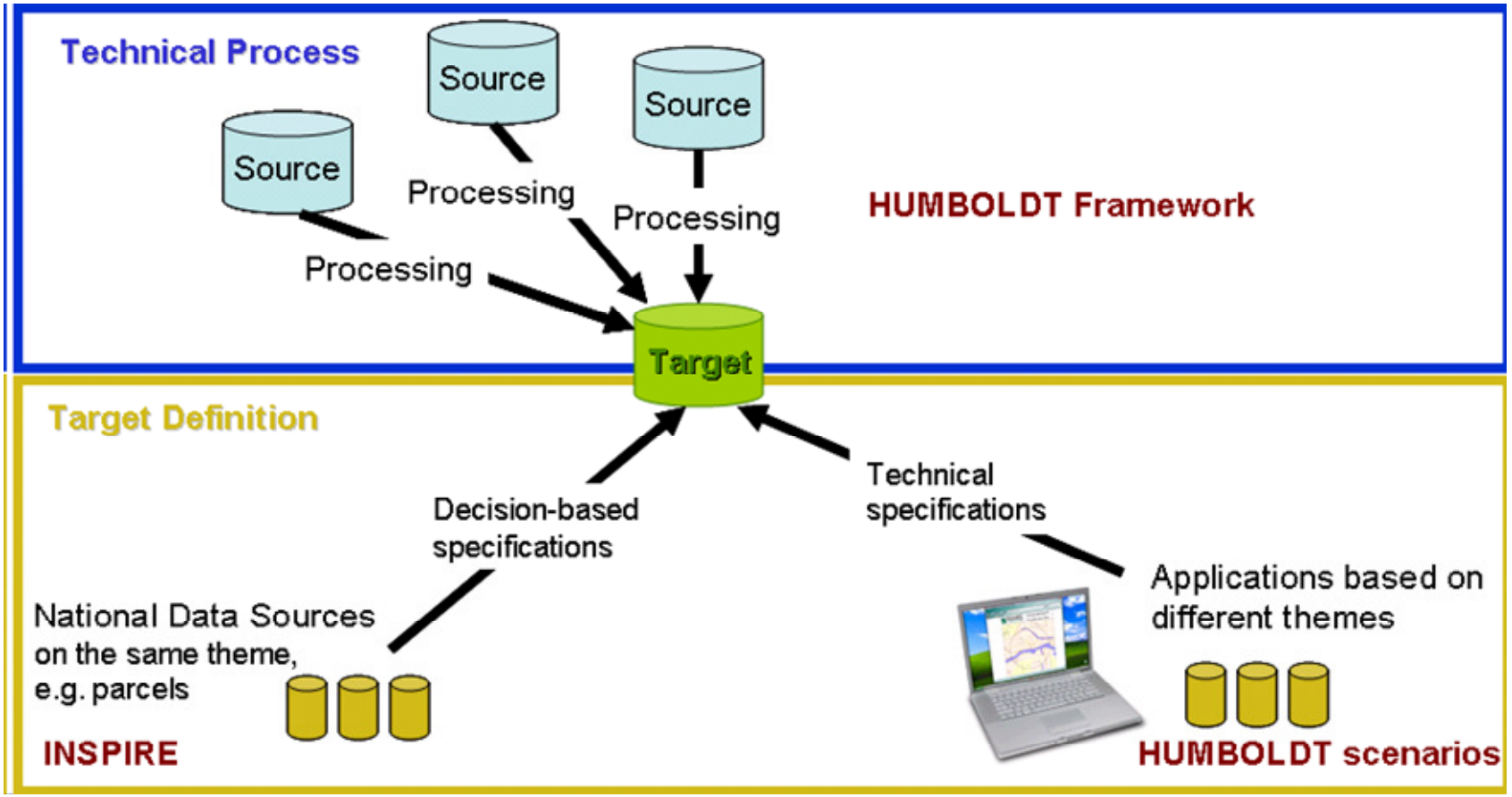
Funding Scheme:
FP6 Integrated Project

Duration:
48 Months (Oct.1, 2006 –Sept. 30, 2010; extent to March 31, 2011)

Consortium:
Fraunhofer IGD (Coordinator), ETRA Investigacion y Desarrollo, Help Service Remote Sensing, LogicaCMG UK, Institut Géographique National, Intergraph CZ, Intergraph Deutschland, ETHZ - Swiss Federal Institute of Technology Zurich, Delft University of Technology, University of Rome “La SAPIENZA”, FOMI, MARIS, KTU Regional Science Park, Technische Universität München, University of the West of England, IFREMER, National Environment Research Council, Hellenic Centre for Marine Research, Telespazio, GISIG, CNR, Forest Management Institute, Instituto Geográfico Português, Collecte Localisation Satellites, University of Gävle, Technische Universität Darmstadt

Contact:
Dr. Joachim Rix, Fraunhofer IGD, Fraunhoferstr. 5, 64289 Darmstadt, Germany, coordinator@esdi-humboldt.eu

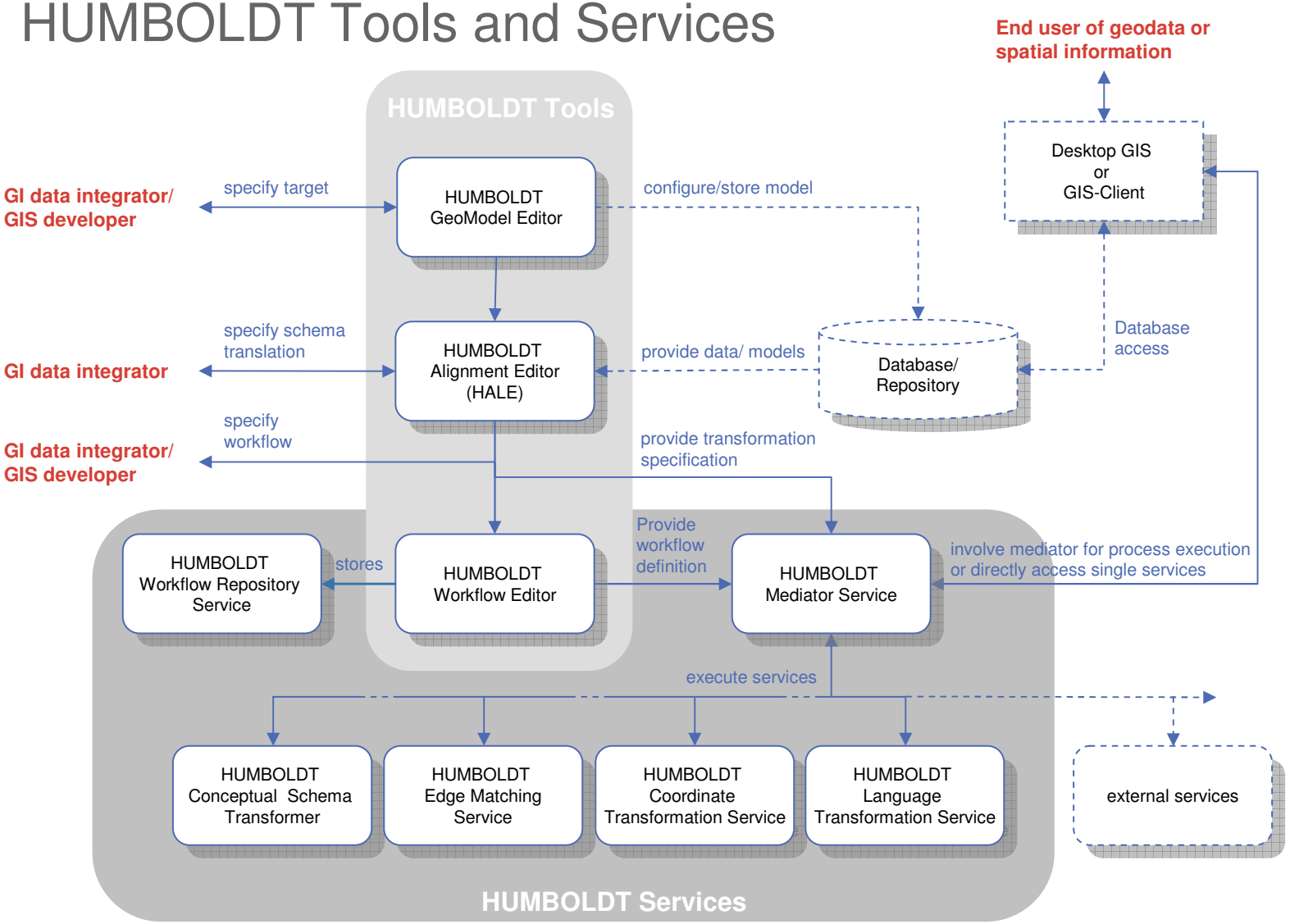
Goal: Reaching the Target



Highlights of the Project (1/2)

- Clarifying the state of the art in **data modelling** and **data harmonisation**
- Exploration of **technical approaches**
- Significant **progress on developing** new and innovative approaches for supporting the data harmonisation process
- Setting up the **collaborative environment for software development** and defining the related methodologies
- Development of the **HUMBOLDT framework** components
- Setting up of the **open source community**

HUMBOLDT Tools and Services



Highlights of the Project (2/2)

- **Consistent terminology and classification** of users for the User Involvement Strategy
- Gathering **requirements** related to INSPIRE and GMES as well as from scenarios and the users
- **Scenario demonstrator specifications and developments** including the evaluation of their harmonisation processes and data models
- Using the project results in **Training and Dissemination**
  - Workshops and Presentations at INSPIRE, AGILE and User Conferences

  ➔ HUMBOLDT Open Day

Agenda (1/3)

- Welcome and Introduction
- Block 1: Introduction to Data Harmonisation and the HUMBOLDT Framework
  - Data Modelling and Harmonization
  - HUMBOLDT Framework Components and Validation
  - User Evaluation

Coffee Break

Agenda (2/3)

- Block 2: Humboldt Scenarios Demonstrators
  - ERiskA Scenario
  - Protected Areas Scenario
  - Transboundary Catchment Scenario

Lunch Break and Discussions / Hands-on

  - Ocean Scenario
  - Atmosphere Scenario

Agenda (3/3)

- Block 3: Humboldt Training and Tools
  - Training Platform: Overview and Access
  - Introduction of the HUMBOLDT Training Levels

Coffee Break and Discussions / Hands-on

  - User and Community Driven Framework Development
  - Future Perspectives of HUMBOLDT and Outlook