GMES Fast Track Service Land

Technical Team Kick-Off – AgriEnv Session

Partner

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European Commission Fast Track Service Land within the GMES initiative in FP-7
WP 5110: User Requirements (Overview)

- Identify the user needs for agri-environmental indicators in terms of Core Mapping Services (CMS).

- Proposed agri-environmental indicators in the Work Document:
  - Land use changes
  - Cropping patterns
  - Crop rotation patterns
  - Extensification
  - Land abandonment
  - Agri-environmental measures effectiveness
  - Regional water abstraction by irrigation
  - Local water abstraction by irrigation
  - Regional intermediate crop coverage rate
  - Local intermediate crop coverage rate
  - Regional bare soil rate
  - Local bare soil rate
  - Regional soil erosion
  - Local soil erosion
  - Percentage of HNV farmland
  - HNV farmland agricultural land use changes
  - Landscape coherence between intensive agricultural areas
  - Changes of landscape closedness/openness per region
  - Changes of land use diversity per landscape unit
  - Changes of landscape heritage functions per landscape unit
User Requirements: Who are the Users?

- **European Users involved in the Definition of European Policies**
  - DG Agriculture
  - DG Environment
  - EEA
  - ESTAT
  - Council of Europe – European Landscape Convention

- **Users involved in the Implementation of European Policies**
  - European Soil Bureau Network Members
    - NAGREG (Greece)
    - PUSHKAROV Institute of Soil Science (Bulgaria)
    - Federal Institute of Geosciences and National Resources – BGR (Germany)
  - Agriculture and Environmental Ministries
    - Dutch Ministry of Agriculture
    - Bulgarian Ministry of Agriculture and Forestry
  - Regional Users
    - Agence de l’Eau Seine- Normandie (FR)
    - Dutch Agricultural Economic Institute.
    - French ENvironment Institute – IFEN
    - Confederación Hidrográfica del Guadalquivir
  - Other
  - Research Communities
  - Farming / Environmental Managers
  - New users? (JRC may identify new users who are willing to participate in the user requirements definition : ESBN, EIONET, Soil Portal)
List and Categorize the USERS

5 categories can be identified

European – DG
National - Ministries
Regional - Agencies
Research - Institutes
Farming Environmental Managers

Identification of the user needs BY CATEGORY

Policy Making
1. Policy Implementation
2. Risk assessment
1. Data Management
2. Policy Implementation
1. Modelling
2. Risk assessment
1. Data Management
User Requirements: Background Information

- User Requirements in Geoland 1
- Proposed agri-environmental Indicators in the Work Document
- IRENA Indicators
- Soco: Sustainable Agriculture and Soil Conservation
- The integration of environmental issues into the Common Agricultural Policy (CAP)
- The Sustainable Development Strategy
- The Water Framework Directive
- The Nitrate Directive
- The Strategy for Soil Protection.
Overview of the methodology

- Development of a Questionnaire
  - Brief introduction on why such an inquiry and contact details
  - The questionnaires will be a mixture between open-ended and option questions
- Propose a number of indicators (based on the background Documents)
- For each of the indicator, propose (request)
  - Spatial resolution
  - Time resolution
- Questionnaire Analysis (according to categories of users) - Review the responses - Development of related graphs

Timetable:
- Questionnaire Definition (10/12/08)
- Review by partners and major users (15/12/08)
- Publish the Questionnaire (20/12/08)
- Response by Users (15/01/09)
- Draft User Requirements Documents (31/1/09)
European Soil Portal
- Home Page → Projects → Geoland 2
- High visibility (publish the questionnaire, results, project status)

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