



HLanData

HARMONIZATION OF EUROPEAN
LAND USE AND LAND COVER DATABASES
FOR THE CREATION OF VALUE ADDED SERVICES

Workshop: Land Cover/Land Use Data model commonalties. HLANDATA project user's perspective

User's from WP1 (Diagnostic)

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Users from WP1: Diagnostic

□ 72 Users

- 33 (43,42%) of them described in detail as **Key User**, 5 (6,58%) as **Data Providers** and 38 (50,00%) **rest** type of users. And majority 57 (75,00%) are **public organisms**.
 - ▶ Need of LC/LU comes to satisfy **common and public interest**
- About level, National 43 (56,58%) and Regional 25 (32,89%) administrations.
 - ▶ because in much times they are the **final competence administrations** over land activities

Users from WP1: Diagnostic

□ 72 Users

- Major contribution given by **environmental** authorities 47 (61,84%), following by **land management** 41 (53,95%) and **mapping** 40 (52,63%).

Competence Area	Users	Competence Area	Users
Environmental (protected sites, desertification, etc)	47	Housing, demography and urban sprawl	21
Land management, spatial planning and urbanism	41	Climate change	18
Mapping	40	Geology and soil	18
Hydrology	28	Transport (land, marine and air)	16
Utility and governmental services	28	Cadaastre	11
Science and Innovation	28	Energy and mineral resources	11
Forest and biodiversity	26	Fishing	6
Agriculture	25	Oceanography and coastal scopes	5
Risk zones and civil protection	22	Defence and security corps	2

251 Utilization of Databases

- *Utilizations* is defined like use of 1 database for 1 user.
- **CORINE** Land Cover Databases 1990, 2000, 2006, Changes 1990-2000 and 2000-2006; summarizing 103 (41,04%).
- Topographic databases as Lithuanian **GDBL** with 34 (13,55%), crop databases as **Navarrian MCA** with 17 (6,77%), or forest and cadastral databases in several countries.
 - ▶ **CORINE is so broad used in partners users, reaching moderate and satisfactory results**

□ 251 Utilization of Databases

- Institutions consider the relevance of LC/LU as **Important** (45,02%) or **decisive** (20,32%).
 - ▶ land information **is not used constantly**, represents an **un-replaceable** topic
- Satisfaction of the users are focused to **Medium** level (50,6%),
 - ▶ They can solve **crucial** needs but not others **concrete** issues of each one.
- Purposes: **visualization** (99,6%), and **identification** (98,01%), also **overlying** (92,83%) and **query** (91,63%). And 58,57% **reprocess** data for additional analysis and 37,85% of users **derive** data and services

□ 149 Utilization of Webservices

- Most of them 141 (94,63%) are **free** Webservices
- Frequency is mostly **weekly** (38,93%) and **daily** (24,16%)
- Relevance as very **Important** (55,7%) and regarding **Medium** level of Satisfaction (57,05%)
- Purposes: 82,55% for **visualization**, 60,4% for **identification**, 67,79% for **overlay**, and 50,34% perform query **analysis**. 25,5% **download** actively data, and only **6,04%** perform only **processing** and analysis on-line.

Summary

- Main focus on user from public institutions, or related**
- EU, National and Regional level**
- Environment, Land management, mapping**
- Land Cover /Land Use data: public interest**
- CLC: widely used and known**

Summary

- ❑ LC/LU: important or decisive
- ❑ Level of satisfaction: MEDIUM →
- ❑ CLC is widely used → **CLC should be improved but keeping backward comparability.**
- ❑ Uses: visualization, identification, overlay, query, etc.
- ❑ Web services: massively used. Free or open access.

LC/LU: horizontal spatial reference data

Thank you for your attention

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