

geoland



**The Response from the
Core Service Land Cover**

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geoland Response to UBA Germany's Needs

- ❑ **Compliance with European standards → CLC**
- ❑ **Improved thematic content, e.g. permanent vegetation cover / bare soil**
- ❑ **Adaptation of existing or deployment of new models**
- ❑ **Sensitivity analysis and ranking of model input parameters → what are the critical parameters / drivers**
- ❑ **Applicability for whole Europe**

geoland – User Base

Directorate for Natural Management;
Nor. Inst. of Land Inventory; Statkraft;
Nor. Water Res. & Energy Directorate

County Adm. Board Dalarna (CAB);
SEPA

SNH

© ESA

IGiK

UBA-D

LWF

Czech
Min. of
Environm.

Fed. State
of Upper
Austria;
Fed. State of
Vorarlberg;
OIR;
UBA-A

Min. of Environment;
Min. of Agriculture

APAT

NAGREF



Env. Agency
for England
& Wales

DG Regio;
ESPON;
EUROCITIES;
METREX

IFEN

ETC-TE

Core Service Land Cover - Benefits

- ❑ **Exploitation of substantial know-how from both sides (European users and service providers) to improve existing approaches**
 - e.g. CLC w.r.t. thematic content, spatial & temporal resolution, price, etc., in an harmonised way
 - compared to ESA GSE projects development of “2nd generation products” based on state of the art
 - Ability to serve more complex information needs (e.g. serving Observatories)
- ❑ **Consolidated European product portfolio on land cover / land use European network of service providers with standardised methods and services**
- ❑ **Platform to continue and broaden interaction, to share information, and to build trust within European stakeholders (users, service providers, system developers, and scientists)**