

WP2: High Resolution Land Use Management Geodatabase

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Institutions involved: UB, EC, WUR, INRAE, TI, BOKU, WIFO, PBL, VUA, JRC

Why?

- There is a lack of spatially-explicit information on how land is currently being managed
- Where it is available, it is often only for one year and does not capture change over time
- Models need this management information for environmental impact assessments and to support the EU Green Deal and related policies

What?

- Requirements and technical specifications for the high-resolution land use management geodatabase
- The land use management geodatabase covering 2000 to 2020 (openly accessible)
- Updates to the land use management geodatabase

How?

- Build a land cover dataset from 2000 to 2020 by validating change over time
- Develop a set of land use management classes for modelling and policy support (see below)
- Create a set of rules for generating the land use management classes using the land cover dataset, other information from remote sensing, and statistical data on forest and cropland management
- Calculate area statistics over time to capture transitions in land use and land use management
- Provide information of certainty of the area estimates where possible
- Align the datasets with official statistics at an aggregated level

