



ESDAC - Possible contribution from Austria

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- **Soil information system BORIS**
- **Austrian part of European soil map 1:1 Mio.**
- **Soil indicators at national and international level**
- **Austrian Register for Contaminated Sites**
- **Austrian Soil Platform (internet portal)**
- **Soil chapter of State of the Environment report (every 3 years)**



Potential data contribution of Austria to ESDAC

- **BORIS basic grid data (agriculture 4x4 km, forest 8.7 x 8.7 km)**
- **Soil data from national & regional permanent soil monitoring plots**
- **Soil data from agricultural long-term field experiments**
- **Austrian agricultural soil map (1:25,000)**
- **Austrian part of European soil map 1:1 Mio. (already included)**
- **Austrian CORINE Land cover map**



Soil Information System BORIS

Currently the database holds over 1.5 Mio records from about 10,000 sites all over Austria covering all land uses.

BORIS contains over 600 soil-relevant parameters, which provide

- site information
- profile descriptions and
- analytical values.

Access by internet for public and experts:
<http://www.umweltbundesamt.at/boris>

Practical arrangements

- **ESDAC manual needed**
 - Description of data system and requirements
 - Guidance for data preparation
- **Spatial aggregation level**
 - Definition of acceptable aggregation level
 - Requirements on resolution
- **Definition of data format and location**
 - Technical guidance on data format and storage
 - Definition of access formats
- **Official data request needed**
 - Identification of national data providers
 - Clarification of data property rights

- **Responsible for implementation:** Federal Ministry of Agriculture, Forestry, Environment and Water Management (Dep. II/10)
- **Operational organisation:** 1 coreteam (5 ministries, 3 federal agencies, 9 federal states, association of municipalities, association of cities) and 4 subteams (legal implementation, metadata, network services, data harmonisation)
- **Implementation of 10 national regulations** until May 2009 (1 federal regulation, 9 federal states regulations)

- **3 (main) metadata services (portals)** planned until May 2010 (Federal Ministry of Agriculture, Forestry, Environment and Water Management, GEOLAND (a association of all federal states in the area of GIS), Federal Surveying Office)
- **Data sheet collecting INSPIRE-relevant datasets** has been circulated through relevant organisations and should be finalized until summer 2009
- **No specific actions regarding soil** data and information have been taken so far