Discoverability of Open Agriculture Data
Workshop on Geodata Discoverability

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Agenda

1. Open Agriculture Data
2. Availability and Discoverability of Crop Data
3. EuroCrops
Open Agriculture Data used for EuroCrops
Open Agriculture Data used for **EuroCrops**

**Farmers**

- grow various crops
- have several crop fields
- take note of their cultivations

- rely on **subsidies**
Open Agriculture Data used for EuroCrops

European Union

- has interest in certain crops being cultivated
- keeps track of agricultural activity

- collects data from the farmers
Open Agriculture Data used for EuroCrops
Open Agriculture Data used for EuroCrops
Open Agriculture
Data used for EuroCrops

- Farmers’ **self-declarations** reliably collected in the course of EU subsidy control
- Shapefiles (or similar) including the **geo-referenced crop field polygon** and at least one **crop** (“label”) growing there during a given year
Availability and Discoverability of Crop Data
Public available crop data in the European Union.
Data accessibility on national or regional levels.
Access means to public available crop data in the European Union.
Cool! - Data!

...or?
Excerpt from Lithuanian Data 2021

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<thead>
<tr>
<th>KZS_NR</th>
<th>DKL_PLOTAS</th>
<th>GRUPE</th>
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<th>Shape_Leng</th>
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???
Hierarchical Crop and Agriculture Taxonomy (HCAT)

- Based on
  - EU regulations
  - EAGLE matrix (European Environment Agency)
- 6-level hierarchy
- Any granularity can be reflected and stored
### Harmonised Lithuanian Data 2021

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<td>Spring cereals</td>
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<td>Kita ariama þemë</td>
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</table>
EuroCrops
EuroCrops

- Collection and harmonisation including 16 countries
- For now only one year per country
- Recent publication of vector data over GitHub
- Already 50GB of reference data

New open crop dataset is released

It covers large parts of Europe

Classes are already harmonized
Time for Questions!
or

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