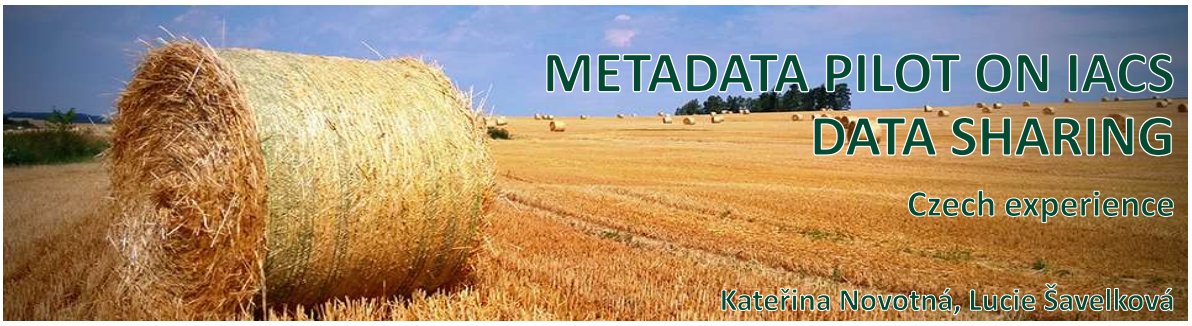
SZIF
Státní zemědělský intervenční fond
*Pomáháme českému zemědělství*



# METADATA PILOT ON IACS DATA SHARING

## Czech experience

Kateřina Novotná, Lucie Šavelková

# ACTIVITIES OF CZECH EXPERTS

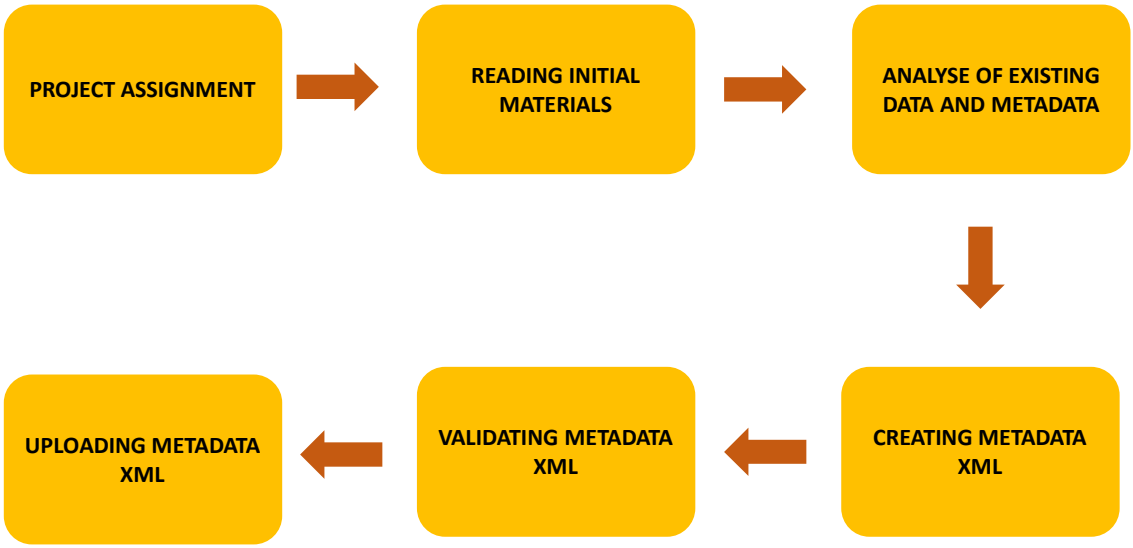
PREPARING METADATA OF SOME PART OF IACS DATASETS

COOPERATION TO THE SOLVING PROBLEM AND UNCERTAINTIES

PRESENTATION OF THE PROJECT RESULTS ON CONFERENCES

# ACTIVITIES OF CZECH EXPERTS

**PREPARING METADATA OF SOME PART OF IACS DATASETS**



## PROJECT ASSIGNMENT

- Prepare the metadata of **four types** of feature datasets
  - Reference parcel
  - Agriculture land cover
  - Stable EFA elements
  - Landscape features
- Be in contact with the **local INSPIRE end point**
- Publish metadata in the **national INSPIRE portal**

## READING INITIAL MATERIAL

- **Technical Guidelines from DG JRC**
  - Discussion Document in Preparation of the Technical Guidelines on IACS spatial data sharing
- **INSPIRE documents**
  - INSPIRE Metadata Implementing Rules: Technical Guidelines based on EN ISO 19115 and EN ISO 19119
  - Technical Guidence for the implementation of INSPIRE dataset and service metadata based on ISO/TS 19139: 2007

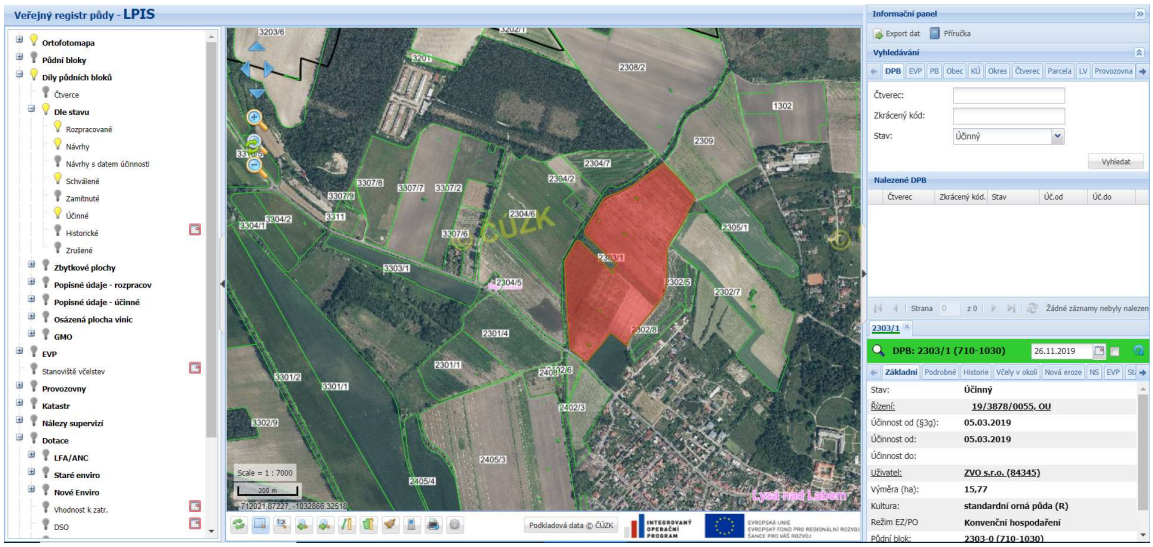
**ANALYSING OF EXISTING DATA**

## CZECH LPIS ONLINE

**VIEWER**

**DOWNLOAD**

**SERVICES**




# CZECH LPIS ONLINE

VIEWER

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SERVICES

Vygenerovat seznam souborů

Datum: 23.11.2019

Seznam datumů všech generovaných dávek je dostupný zde.

Nápověda

| Datum | Katastrální území | Okres | Kraj | Území | Entita | Typ | Soubor |
|---|---|---|---|---|---|---|---|
| | | | | Okres | DPB | SHP | |
| 23.11.2019 | | Benešov | Středočeský kraj | Okres | DPB | SHP | 20191123-3201-DPB-SHP.zip |
| 23.11.2019 | | Beroun | Středočeský kraj | Okres | DPB | SHP | 20191123-3202-DPB-SHP.zip |
| 23.11.2019 | | Blansko | Jihomoravský kraj | Okres | DPB | SHP | 20191123-3701-DPB-SHP.zip |
| 23.11.2019 | | Brno-město | Jihomoravský kraj | Okres | DPB | SHP | 20191123-3702-DPB-SHP.zip |
| 23.11.2019 | | Brno-venkov | Jihomoravský kraj | Okres | DPB | SHP | 20191123-3703-DPB-SHP.zip |
| 23.11.2019 | | Bruntál | Moravskoslezský kraj | Okres | DPB | SHP | 20191123-3801-DPB-SHP.zip |
| 23.11.2019 | | Břeclav | Jihomoravský kraj | Okres | DPB | SHP | 20191123-3704-DPB-SHP.zip |
| 23.11.2019 | | Česká Lípa | Liberecký kraj | Okres | DPB | SHP | 20191123-3501-DPB-SHP.zip |
| 23.11.2019 | | České Budějovice | Jihočeský kraj | Okres | DPB | SHP | 20191123-3301-DPB-SHP.zip |
| 23.11.2019 | | Český Krumlov | Jihočeský kraj | Okres | DPB | SHP | 20191123-3302-DPB-SHP.zip |

Celkem záznamů: 77 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 Stránka: 1 Zobrazit po: 10

# CZECH LPIS ONLINE

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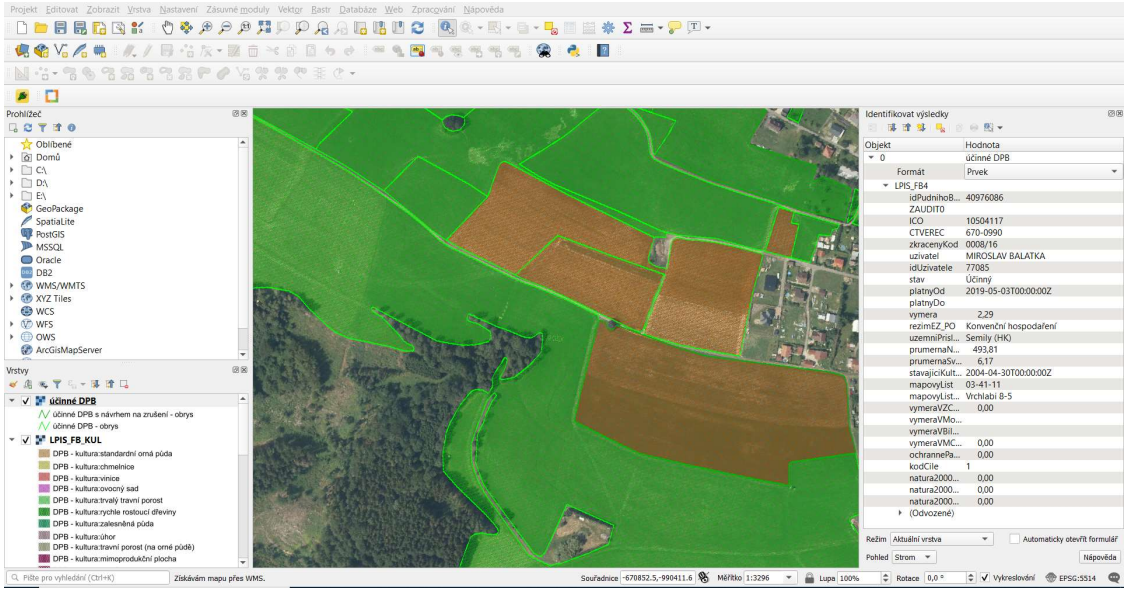
SERVICES




**ANALYSING OF EXISTING METADATA**

Result: no metadata

## CREATING METADATA XML

- **Generate** basic XML from National geoportal INSPIRE
- **Inspiration** from metadata of Parcel for INSPIRE from Czech Land Survey Office
- Edit basic XML
- **Software PSPad**
  - Freeware software
  - Universal editor

## VALIDATING METADATA XML

**National geoportal INSPIRE**

- National and INSPIRE **profile**
- Dataset have to be **correct for both profile** for uploading
- National profile have more **mandatory elements**
- **Format:**
  - XML
  - Fill-in pre prepare bracket

## UPLOADING METADATA XML

- Be **register**
- **Upload** with import XML
- At the geoportal are visible only **some part of XML** metadata
- Whole XML metadata can be **downloaded**

## ACTIVITIES OF CZECH EXPERTS

**COOPERATION TO THE SOLVING PROBLEM AND UNCERTAINTIES**

# ACTIVITIES OF CZECH EXPERTS

**TIPS FOR PREPARING METADATA**

# TEMPLATE FOR XML

**PREPARE TEMPLATE METADATA IN XML**

Should be in Technical Guidelines

**PROBLEMS**

Different National geoportal

Uploading the metadata is also different in MS

# BILINGUAL FORM OF XML

Primary in national language

```
<gmd:organisationName xsi:type="gmd:PT_FreeText_PropertyType" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
    <gco:CharacterString xmlns:gco="http://www.isotc211.org/2005/gco">Státní zemědělský intervenční fond</gco:CharacterString>
    <gmd:PT_FreeText>
        <gmd:textGroup>
            <gmd:LocalisedCharacterString locale="#locale-eng">State Agricultural Intervention Fund</gmd:LocalisedCharacterString>
        </gmd:textGroup>
    </gmd:PT_FreeText>
</gmd:organisationName>
```

Secondary in English

# ACTIVITIES OF CZECH EXPERTS

**LEVEL OF HARMONISATION**

# LEVEL OF HARMONISATION

## WITHOUT

- User have to edit data from MS
- Knowledge of the data MS

## METADATA

- Dates
- Abstract
- Keywords
- Lineage

## DATA

- User friedly for users
- Types (services, datasets)
- Format (GML, SHP)
- Coordinate system
- Language
- Attributes

European Commission

SZIF
Státní zemědělský intervenční fond

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