

INSPIRE KEN webinar – Implementation of Annexes II and III

State-of-play of implementation of annexes II and III themes in ČÚZK

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INTRODUCTION

Czech Office for Surveying, Mapping and Cadastre



12 INSPIRE themes

➔ 18 INSPIRE compliant dataset series

Annex I



Annex II



Annex III



ANNEX II & III

Annex II



Elevation grid coverage 2015

Elevation TIN 2018



Orthoimagery 2015

Annex III



Buildings 2015



Existing land use **Ongoing**

ORTHOIMAGERY

https://geoportal.cuzk.cz/Default.aspx?lng=EN&mode=TextMeta&text=INSPIRE_ortofoto&side=INSPIRE_dSady&menu=422&head_tab=sekce-04-gp

WMS, pre-defined data sets, unharmonised WCS (v. 1.0.0)
OrthoimageCoverage (no MosaicElement spatial objects)

Issues

Data provision – WCS

> Is it possible to provide INSPIRE compliant data via WCS ?

ELEVATION

https://geoportal.cuzk.cz/Default.aspx?lng=EN&mode=TextMeta&text=INSPIRE_Nadmo_vysk&side=INSPIRE_dSady&menu=420&head_tab=sekce-04-gp

WMS, pre-defined data sets, WFS
Elevation grid coverage x Elevation TIN

Issues

Elevation TIN



No examples to follow
Gml encoding

- > huge data volume
- > readability of gml:tin geometry



Direct access download service

WFS WCS

BUILDINGS

https://geoportal.cuzk.cz/Default.aspx?lng=EN&mode=TextMeta&side=INSPIRE_dSady&metadataID=CZ-00025712-CUZZK_SERIES-MD_BU&metadataXSL=INSPIRE_budovy&head_tab=sekce-04-gp&menu=423

WMS, pre-defined data sets, WFS, Atom
Buildings extended 2D

Issues

Missing endorsed XML schema for Buildings extended 2D

X

<https://services.cuzk.cz/xsd/inspire/bu-ext2d/4.0/BuildingsExtended2D.xsd>

<https://inspire.ec.europa.eu/draft-schemas/bu-ext2d/2.0/BuildingExtended2D.xsd>

obsolete
Draft version

LAND USE

In progress

Planned land use - Ministry of regional development

X

Existing land use – Czech office for surveying, mapping and cadastre

Issues

 **Classification**

MAIN ISSUES

Coverage geometry & WCS

Missing endorsed XML schemas

No examples to follow

Missing validation test suites



**Thank you
for your attention !**



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