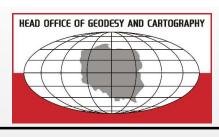
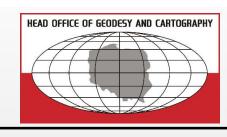


AGENDA



- 1. LAW REGULATIONS
- 2. OPEN GEOSPATIAL DATA IN POLAND
- 3. WEB SERVICES & GEOPORTAL.GOV.PL
- 4. BENEFITS OF OPEN DATA

LAW REGULATIONS





amendment of the

Polish Geodetic and Cartographic Law:

most important datasets (6)

24/06/2020

COVID regulations:

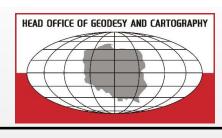
orthophotomaps, geodetic control networks

05/06/2014

first open data:

boundaries, geographical names, general geographic data, DEM 100

OPEN DATA



THE BIGEST DATASETS:

- ✓ ORTHOPHOTOMAPS
- ✓ LIDAR DATA
- ✓ DEM
- ✓ DSM

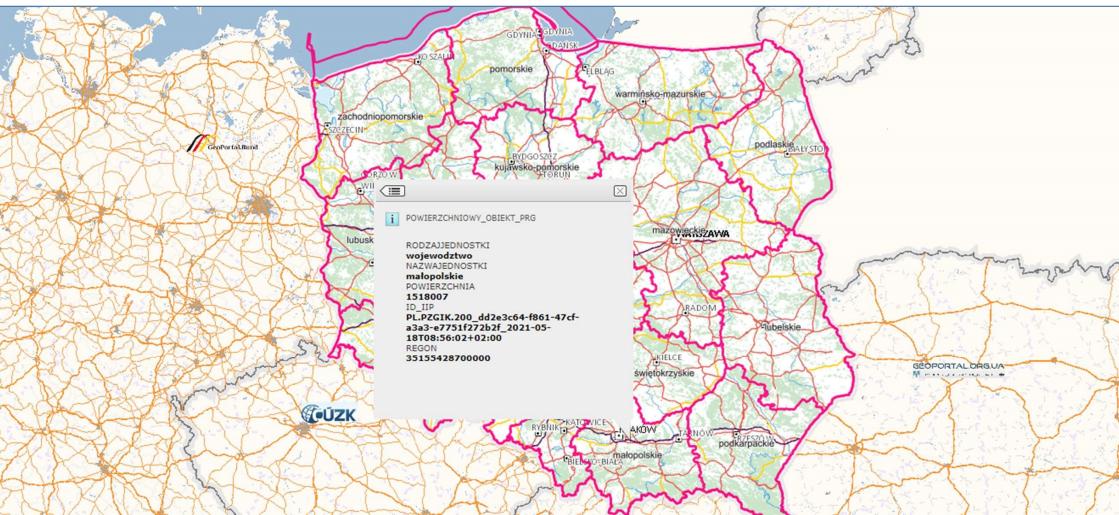
83 TB 4 500 000 files 2021 - 10 000 000 users, 605 TB downloaded data

2020 - 7 500 000 users, 317 TB downloaded data

OPEN DATA: 05/06/2014

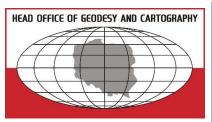
NATIONAL REGISTER OF BOUNDARIES

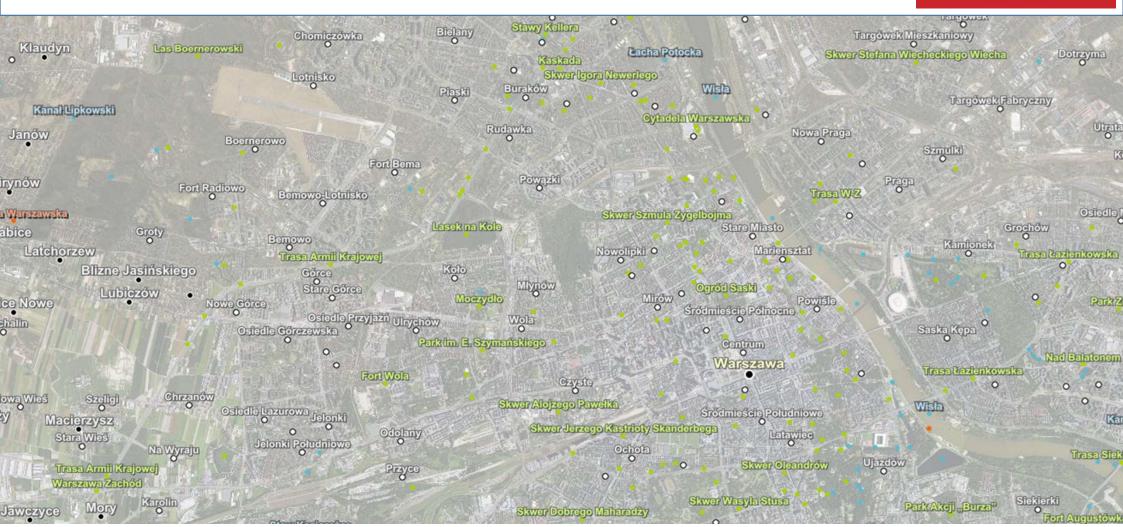




OPEN DATA: 05/06/2014

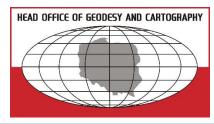
NATIONAL REGISTER OF GEOGRAPHIC NAMES

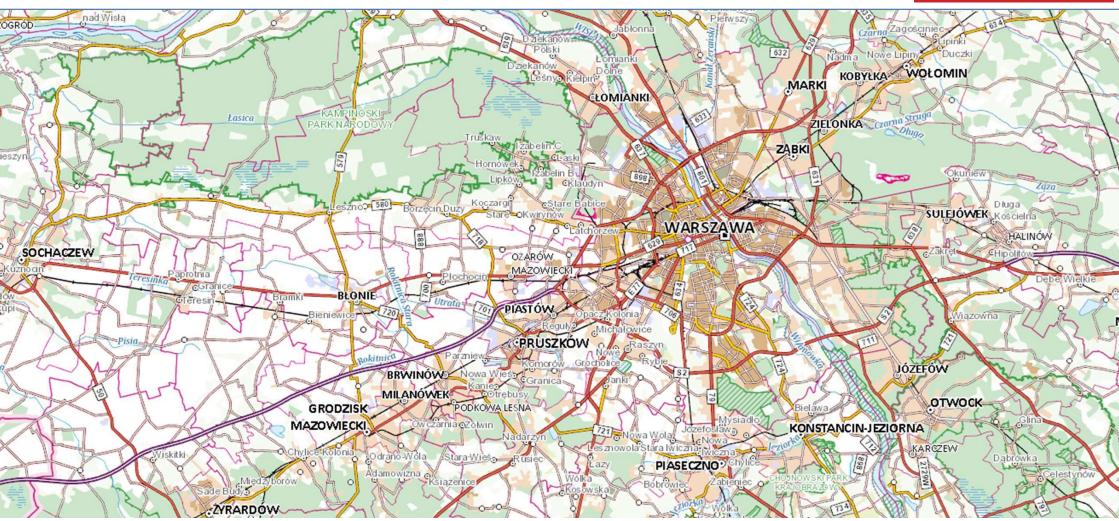




OPEN DATA: 05/06/2014

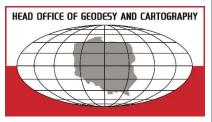
GEOGRAPHIC DATA 1:250 000 (BDOO)

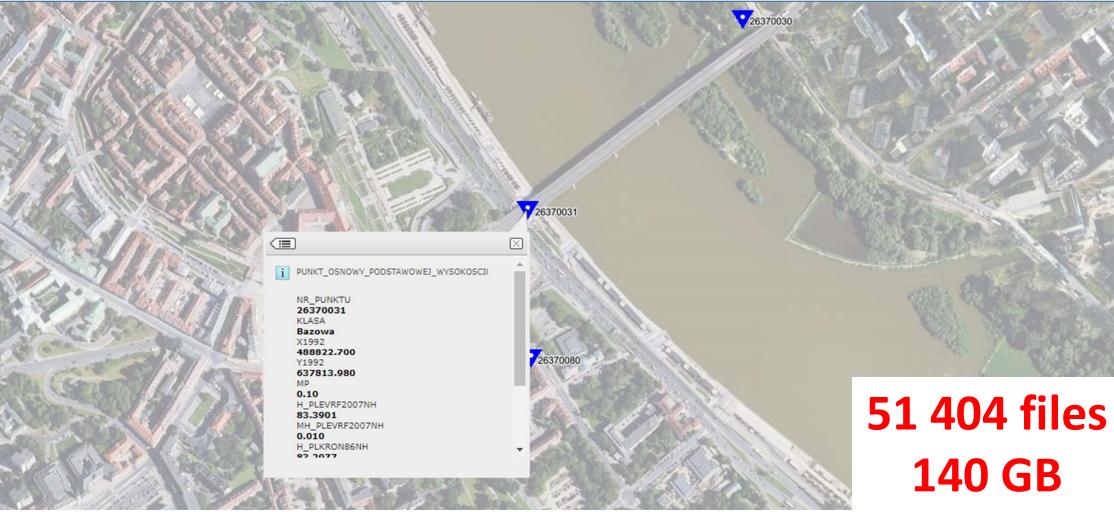




OPEN DATA: 24/06/2020

GEODETIC CONTROL NETWORKS





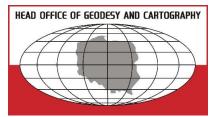
OPEN DATA: 24/06/2020

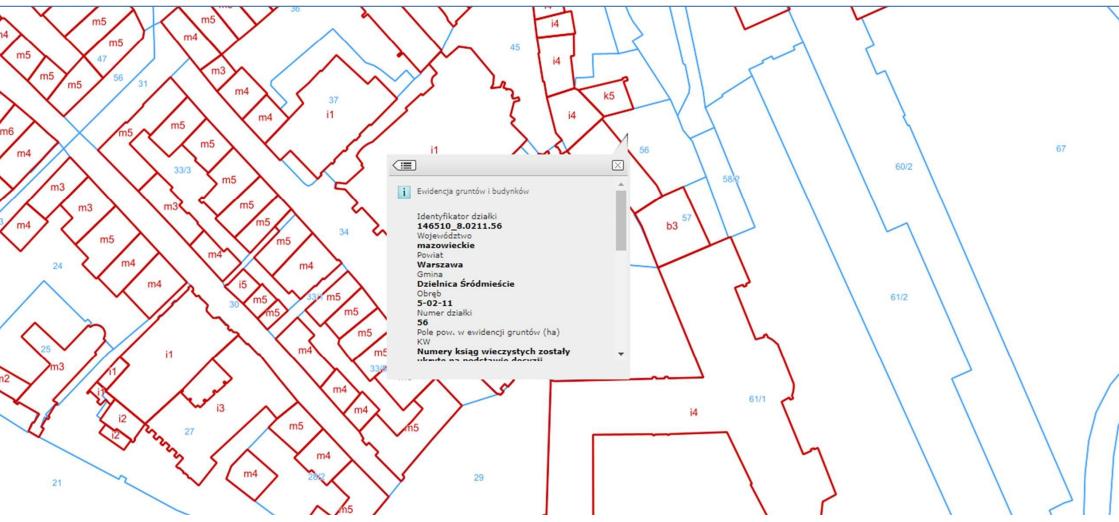
ORTOPHOTOMAPS



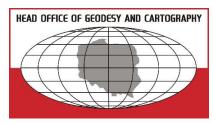


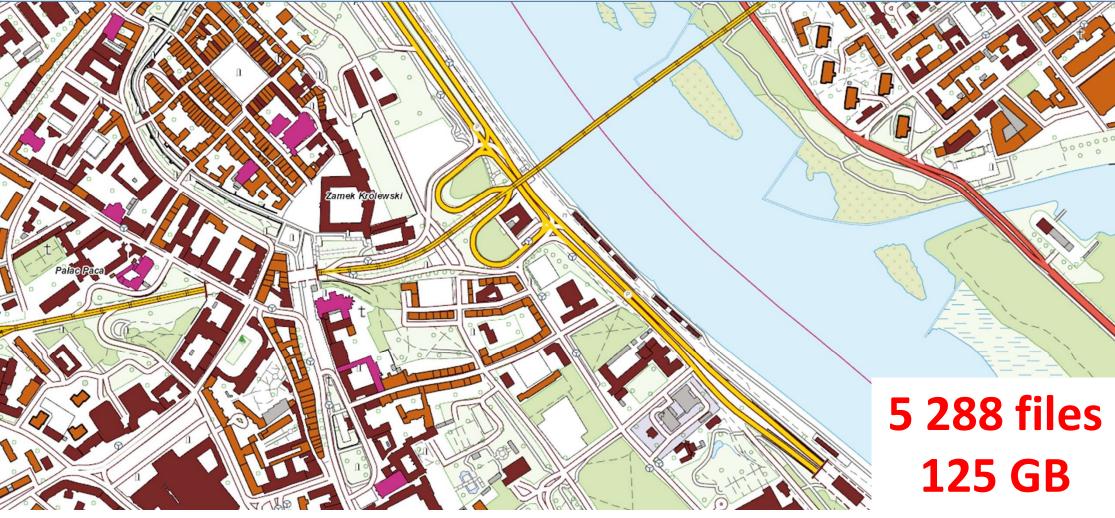
BASIC DATA ON PARCELS & BUILDINGS



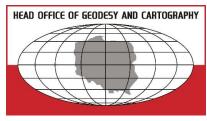


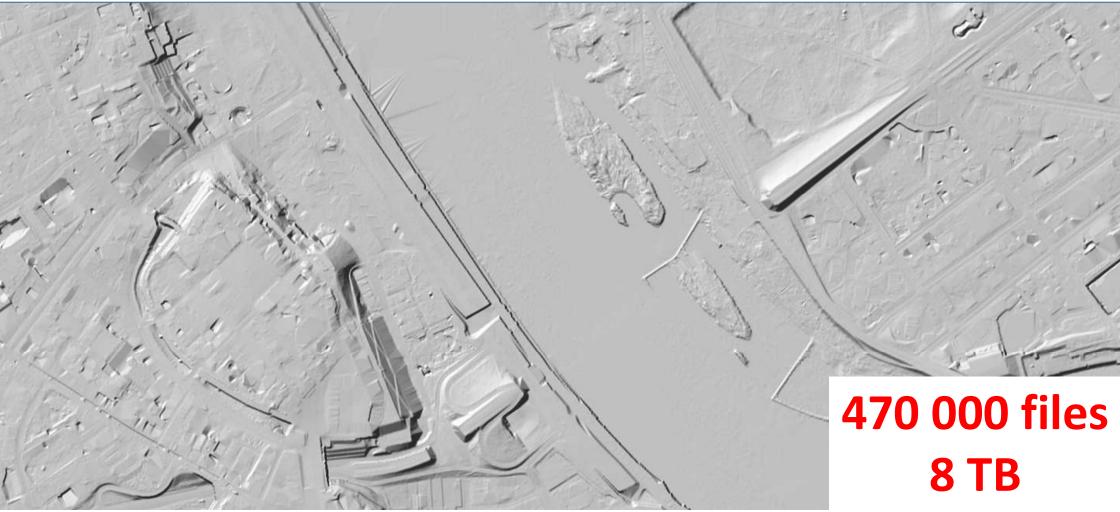
TOPOGRAPHIC DATA (BDOT10K)



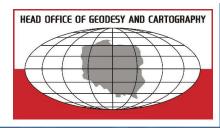


DIGITAL ELEVATION MODEL (DEM)



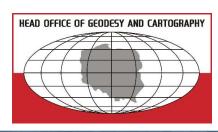


DIGITAL SURFACE MODEL (DSM)



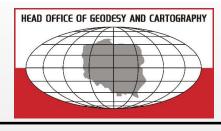


LIDAR DATA (ALS)





SOLUTIONS





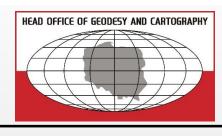
OPEN DATA

OPEN SOLUTIONS

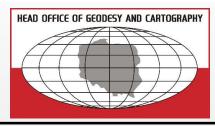


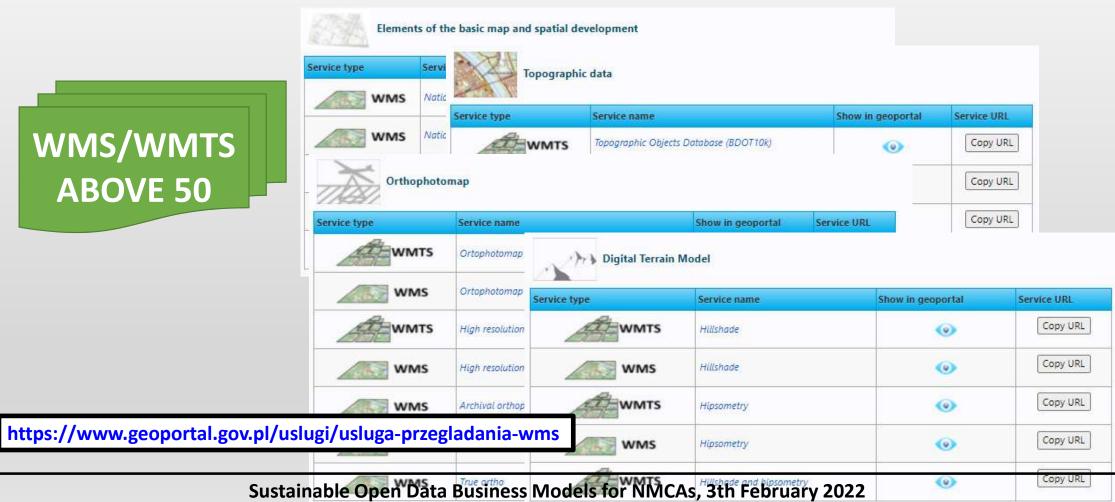


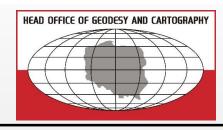
HOW TO DOWNLOAD?

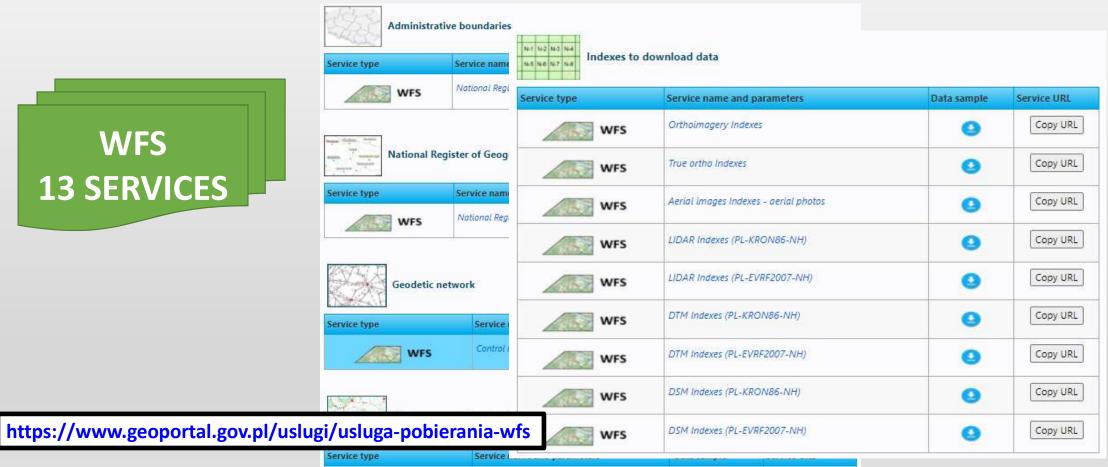


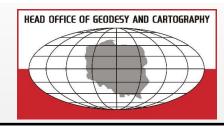
- 1. SERVICES WMS/WMTS, WFS, WCS, ATOM
- 2. GEOPORTAL.GOV.PL
- 3. QGIS PLUG-IN ("Pobieracz Danych GUGIK")
- 4. COMMERCIAL SOLUTIONS (SAFE, ESRI,...)

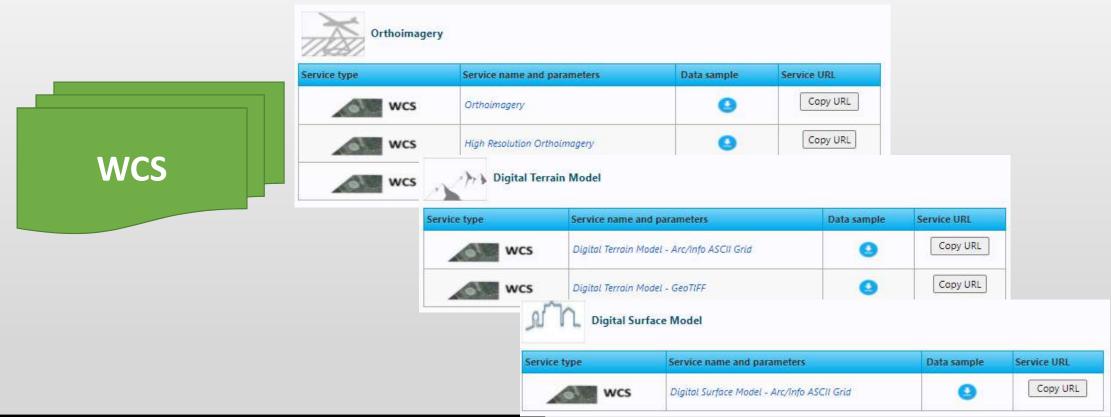






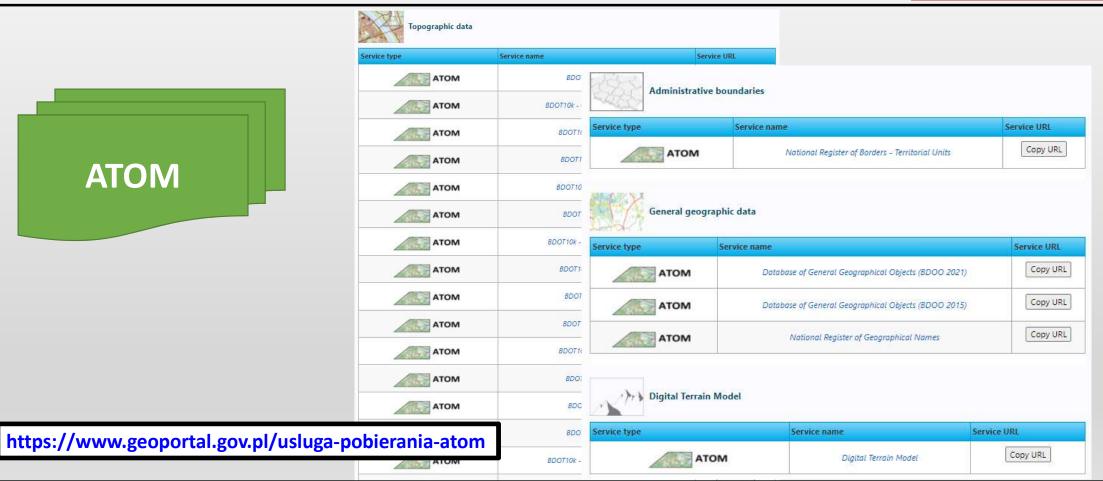


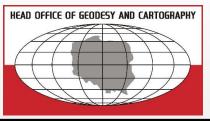


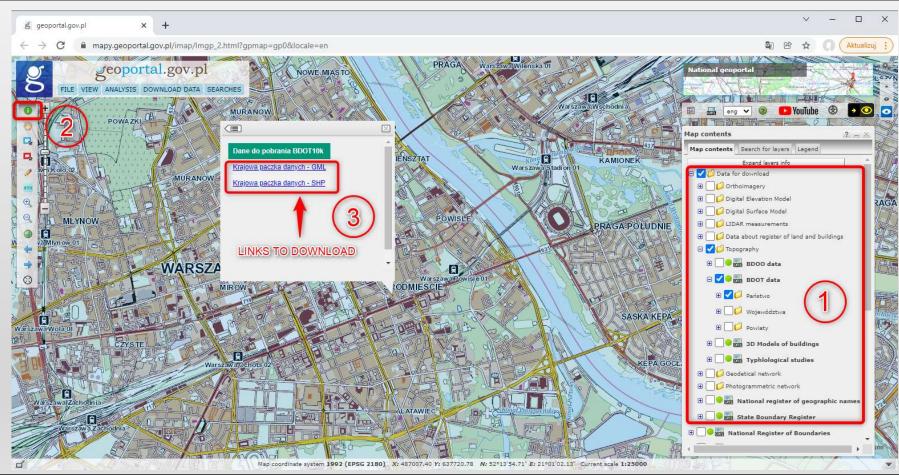


https://www.geoportal.gov.pl/uslugi/usluga-sieciowa-wcs

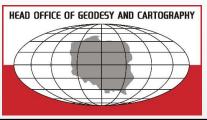


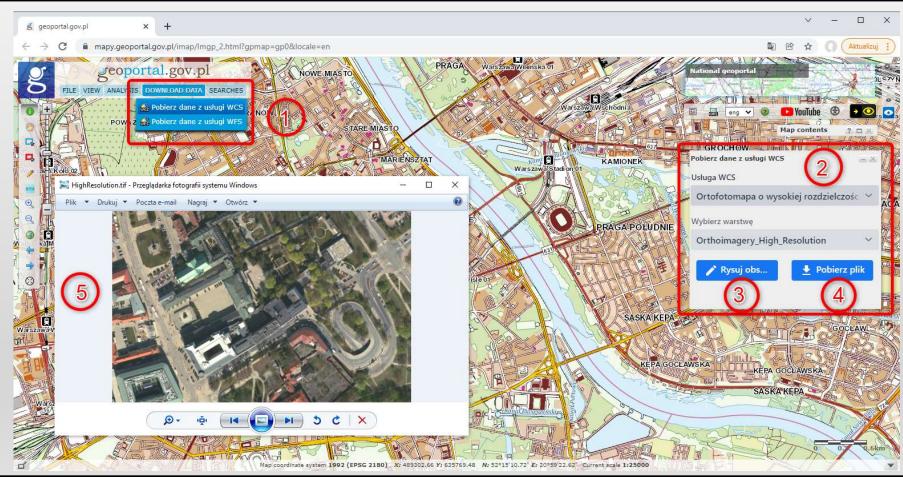




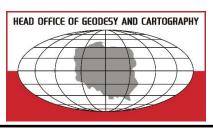


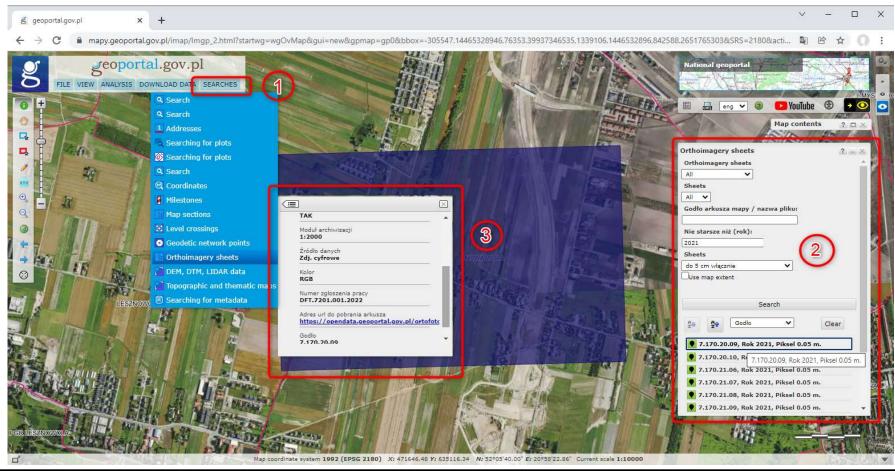
Sustainable Open Data Business Models for NMCAs, 3th February 2022



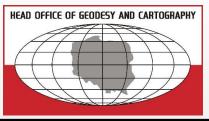


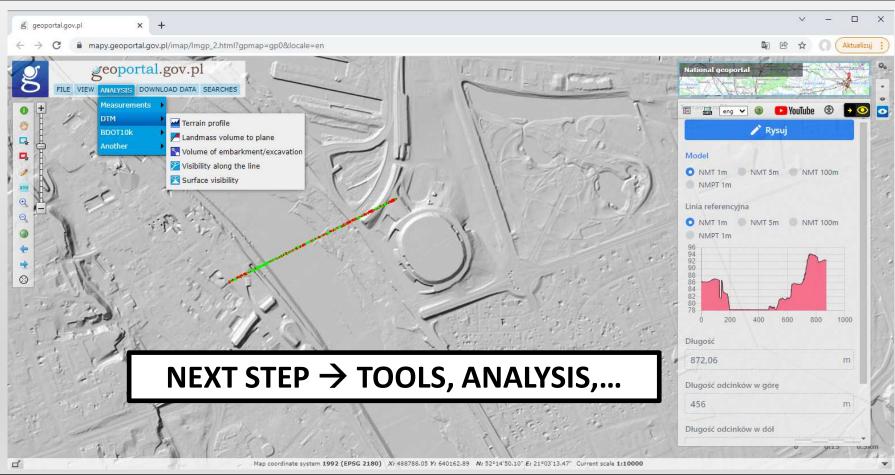
Sustainable Open Data Business Models for NMCAs, 3th February 2022



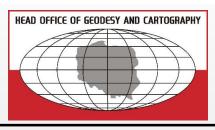


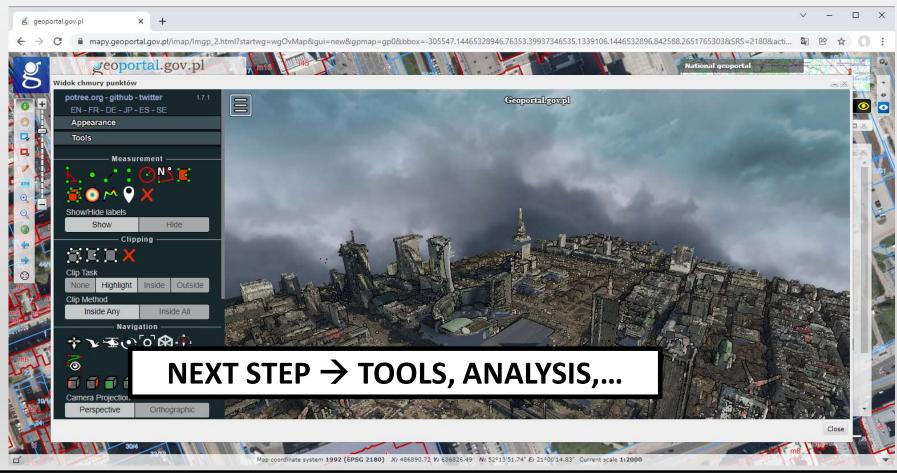
Sustainable Open Data Business Models for NMCAs, 3th February 2022



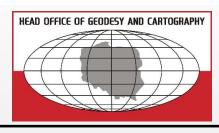


Sustainable Open Data Business Models for NMCAs, 3th February 2022

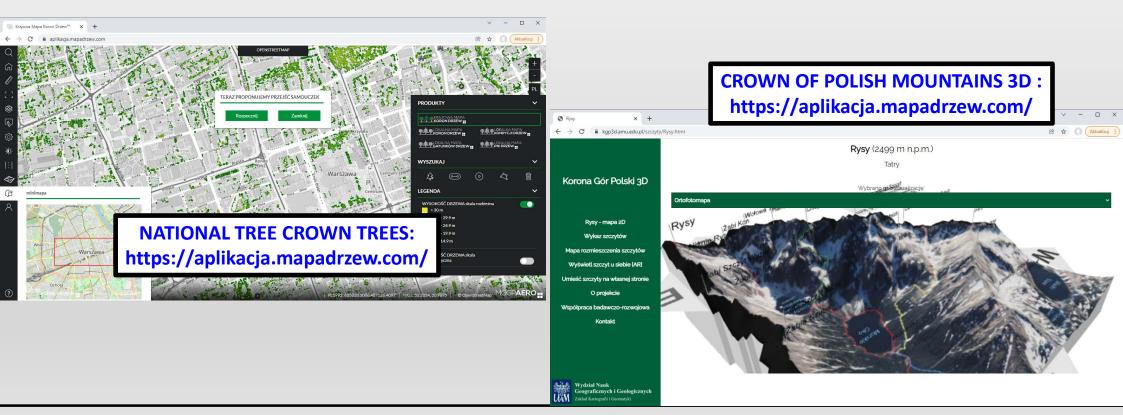




BENEFITS OF OPEN DATA

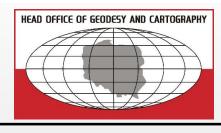


1. MORE ACTIVITIES / INITIATIVES, EXAMPLES:

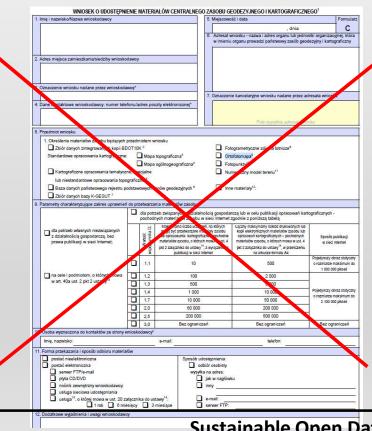


Sustainable Open Data Business Models for NMCAs, 3th February 2022

BENEFITS OF OPEN DATA



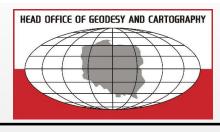
2. ELIMINATES BUREAUCRACY IN GEODETIC ACTIVITIES



- ✓ Without license applications, suplementary declarations
- ✓ Reduces time needed to complete investment project

Sustainable Open Data Business Models for NMCAs, 3th February 2022

BENEFITS OF OPEN DATA



3. IMPROVES THE DATA CONTROL AND UPDATE PROCESS IN

