



Poland - Towards the Earth Intelligence for all

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#OneEuroGE



WORKSHOP 2024

Krakow,
Poland

COMBINE, COORDINATE, COOPERATE

Welcome to the new era of
EuroGEO



Poland – EO success stories

LAND MONITORING

- Land Cover / Land Use
- Agriculture
- Forestry
- Biodiversity, ecosystems
- Urban
- Natural disasters and health
- **The Civil Security Hub in Poland**



ESA EOStat



ARICA



WORKSHOP 2024

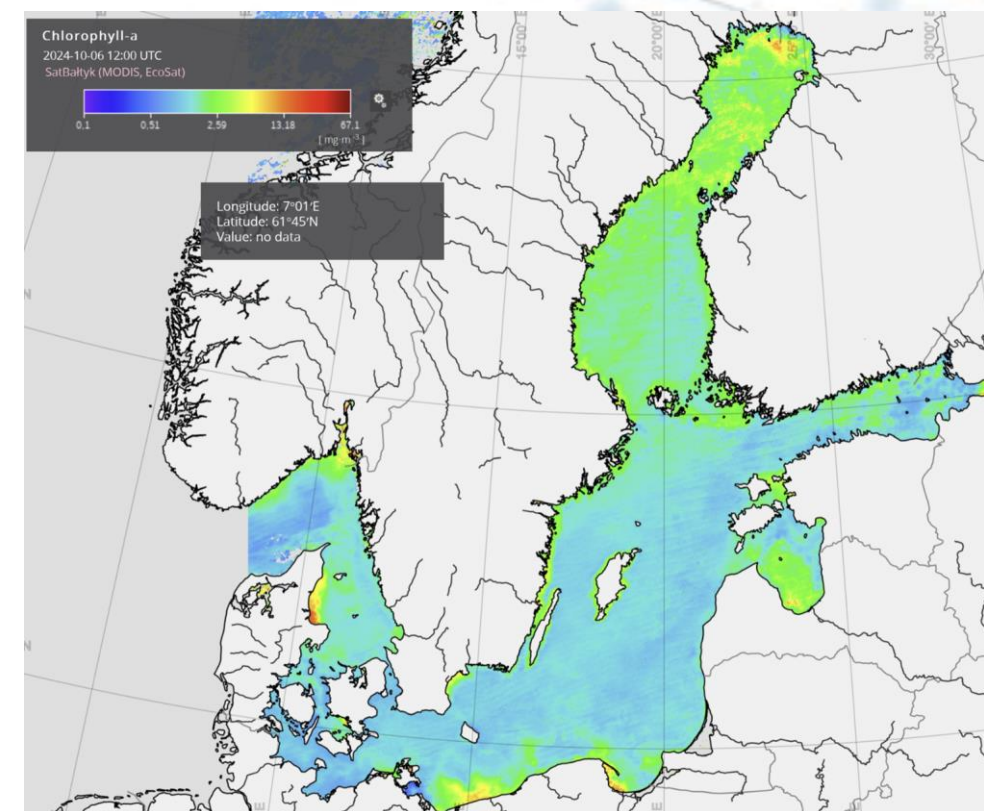
Poland – EO success stories

ATMOSPHERE & CLIMATE CHANGE

- Atmosphere
- Air pollutions
- Climate change modelling



MARINE ENVIRONMENT





Towards Earth Intelligence for all

Knowledge - based decision making for sustainable development

- Knowledge and data sharing:
 - from fundamental research towards applied research and implementation
 - IT infrastructure data storage and processing:
 - NSIS - National Satellite Information System (Polish Space Agency)
 - CREODIAS
 - Interdisciplinary Centre for Mathematical and Computational Modelling UW
 - Copernicus Data Space Ecosystem
 - enhance research - business collaboration
 - increase access to in-situ measurements – data sharing and open science
- National satellite constellation - CAMILLA constellation - 3 optical and 1 radar (SAR) – 2027
- Increase access to commercial EO data





Towards Earth Intelligence for all

Focus on provision of user-driven products, services – fit-for-purposes

- role of the national Copernicus User Forum – build the community of experts
- foster transdisciplinary and multisectorial approach
- strengthen cooperation among scientists, decision makers, governamental authorities,
- improve the understanding the user needs.

Further development of the innovative technologies

Raise awareness and capacity development

- increase the role and involvement of young entrepreneurs and early career scientists,
- role of Copernicus Ambassadors (Copernicus Relays and Academy)
- promotion of EO data through training sessions and joint projects
- Copernicus user uptake and engagement – e.g. involvement in the National Collaboration Program



Copernicus Atmosphere Monitoring Service (CAMS) NCP - Poland

National Collaboration Programs have been introduced to increase the use of Copernicus data in EU member states. The Atmosphere Monitoring Service is the first to pilot the implementation of National Collaboration Programs (NCP). IOŚ-PIB is implementing the program in Poland.

Direct use of data includes:

- Desert dust inflow
- Plant pollen
- Satellite measurements of atmospheric chemical composition
- High-resolution forecasting
- Emission of pollutants

One of the goals is to disseminate information about the CAMS service in Poland and build a user community.

Monitoring Atmosfery Copernicus POLSKA

17 LISTOPADA, 2023 | AKTUALNOŚCI

Agenda spotkania użytkowników serwisu Monitoringu Atmosfery Copernicus Polska 23 listopada

Przedstawiamy zaktualizowaną agendę pierwszego spotkania użytkowników serwisu Monitoringu Atmosfery Copernicus Polska.

TEMATY

- Jakość powietrza
- Alergeny
- Skład atmosfery z satelity
- Emisje
- Promieniowanie UV i ozon
- Gazy cieplarniane
- Epizody napływowe
- Zdrowie

PROGRAMME OF THE EUROPEAN UNION

Monitoring Atmosfery Copernicus

ECMWF

IOŚ-PIB

Monitoring Atmosfery Copernicus

Bądź na bieżąco

Zapisz się na newsletter!

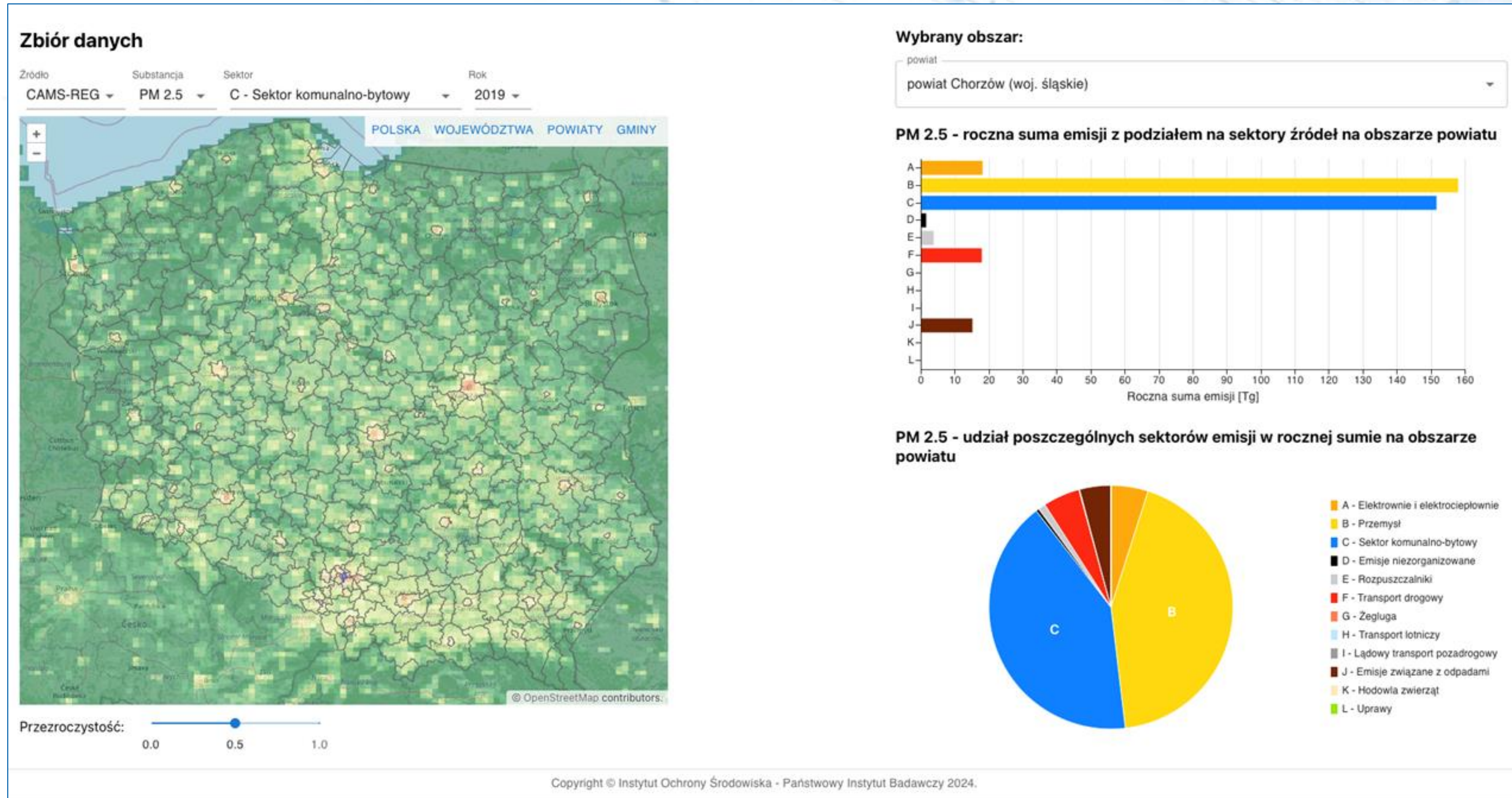
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cams.ios.edu.pl



CAMS NCP PL Geoportals on the finish

Dev address:
<http://148.81.27.119:7521>



CAMS NCP - list of Working Packages

- Poland SC1

First service contract for Poland
05.2023 – 10.2024.

Poland takes part in 5 Work
Packages:

- WP00 Project Management
- WP20 Direct use of CAMS products (Desert dust, Pollen forecast, S5P atmospheric composition)
- WP30 Air quality Downscaling
- WP40 Emissions
- WP60 Communication (User needs and engagement)

**3rd User and
stakeholder meeting
23.10.2024
in a hybrid mode.**

**Onsite Warsaw,
Słowicza 32.
Registration form:**



THANK YOU

Scan to discover EuroGEO Website and Social Media

