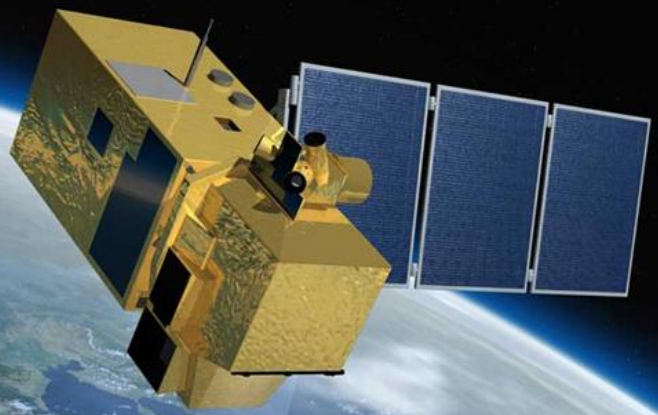


Program Copernicus v SR

9.6.2026, Univerzita Mateja Bela, Banská Bystrica
Mgr. Peter Pastorek, Ministerstvo životného prostredia SR

Program Copernicus
Copernicus - koordinácia
Údaje
Podpora a Informácie

relative orbit 036
relative orbit 079
relative orbit 122
relative orbit 136



Program Copernicus

Vesmírny program EÚ pre monitoring životného prostredia a bezpečnosť

Otvorený a užívateľmi riadený program

Poskytuje otvorené a voľne dostupné priestorové údaje

3 segmenty programu

- Vesmírny segment
- Lokálny (in-situ) monitoring
- Služby

EU stránka Copernicus - <https://www.copernicus.eu/en>

SK stránka Copernicus - <https://copernicus.geocloud.sk/>

<https://www.enviroportal.sk/copernicus>

Program Copernicus

Satelity vesmírneho segmentu



Copernicus

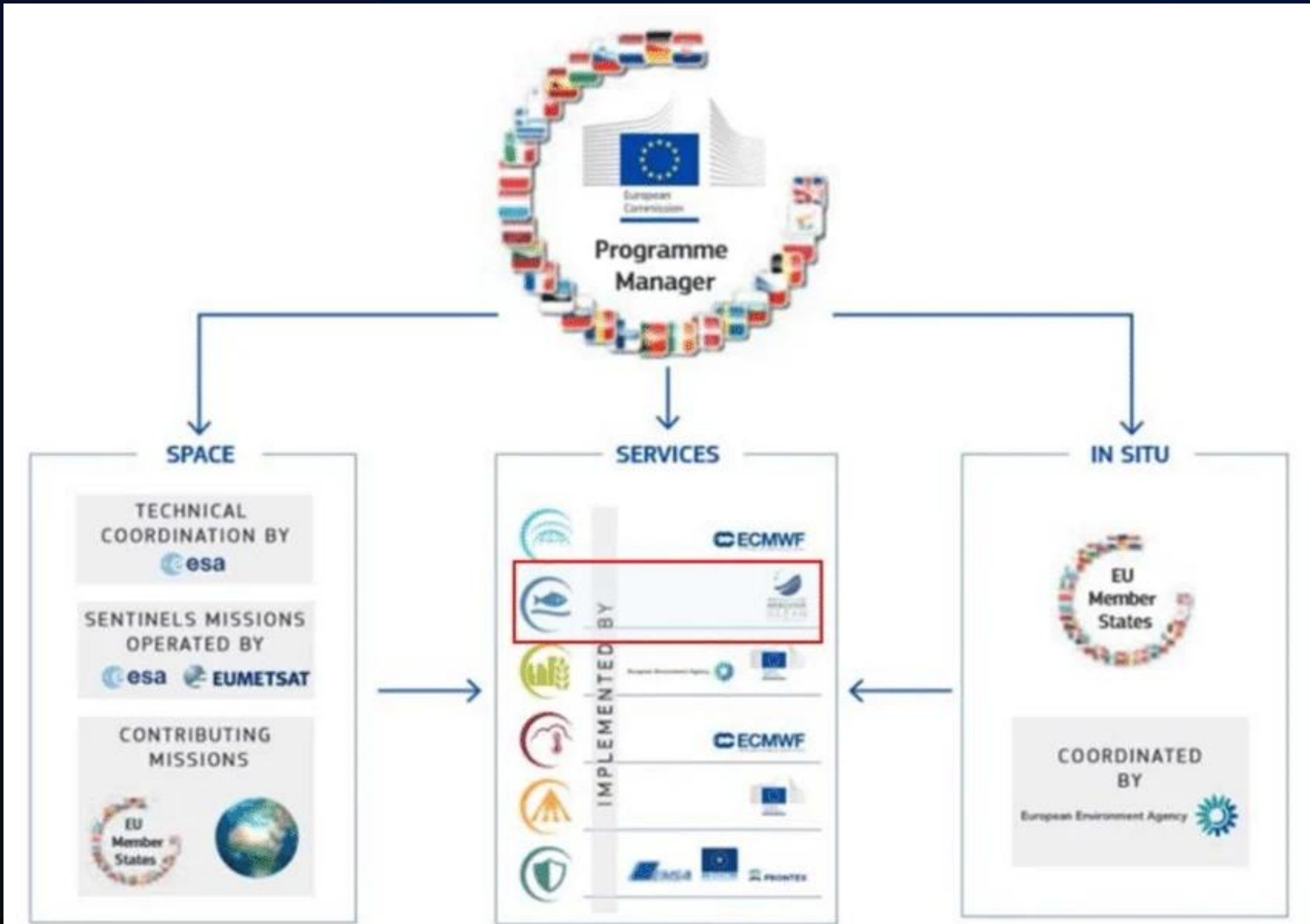
Program Copernicus

Služby



Copernicus - koordinácia

Európska úroveň



Koordinácia vesmírnych aktivít SR

Národná úroveň



Komisia pre vesmírne aktivity



SARIO
SLOVENSKÁ AGENTÚRA PRE
ROZVOJ INVESTÍCIÍ A OBCHODU

Vesmírna kancelária



Vesmírny program EÚ

- Copernicus
- Galileo/EGNOS
- Iris2
- SSA
- Govsatcom



Vesmírne programy ESA

- Future EO
- Space safety (S2P)
- General support
technology (GSTP)

Copernicus - koordinácia

Národná úroveň



Hlavný gestor programu Copernicus
Národná pracovná skupina pre Copernicus

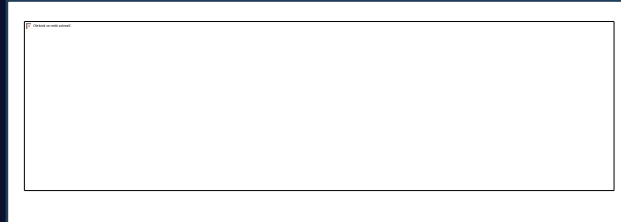


Zabezpečuje koordináciu programu Copernicus s ostatnými vesmírnymi aktivitami SR



Gestor programu Copernicus pre krízové riadenie a bezpečnosť

Copernicus - spolupráca



Spolupráca na príprave produktov CORINE Land Cover a High resolution layers



Spolupráca na koordinácii Európskeho systému varovania pred povodňami EFAS



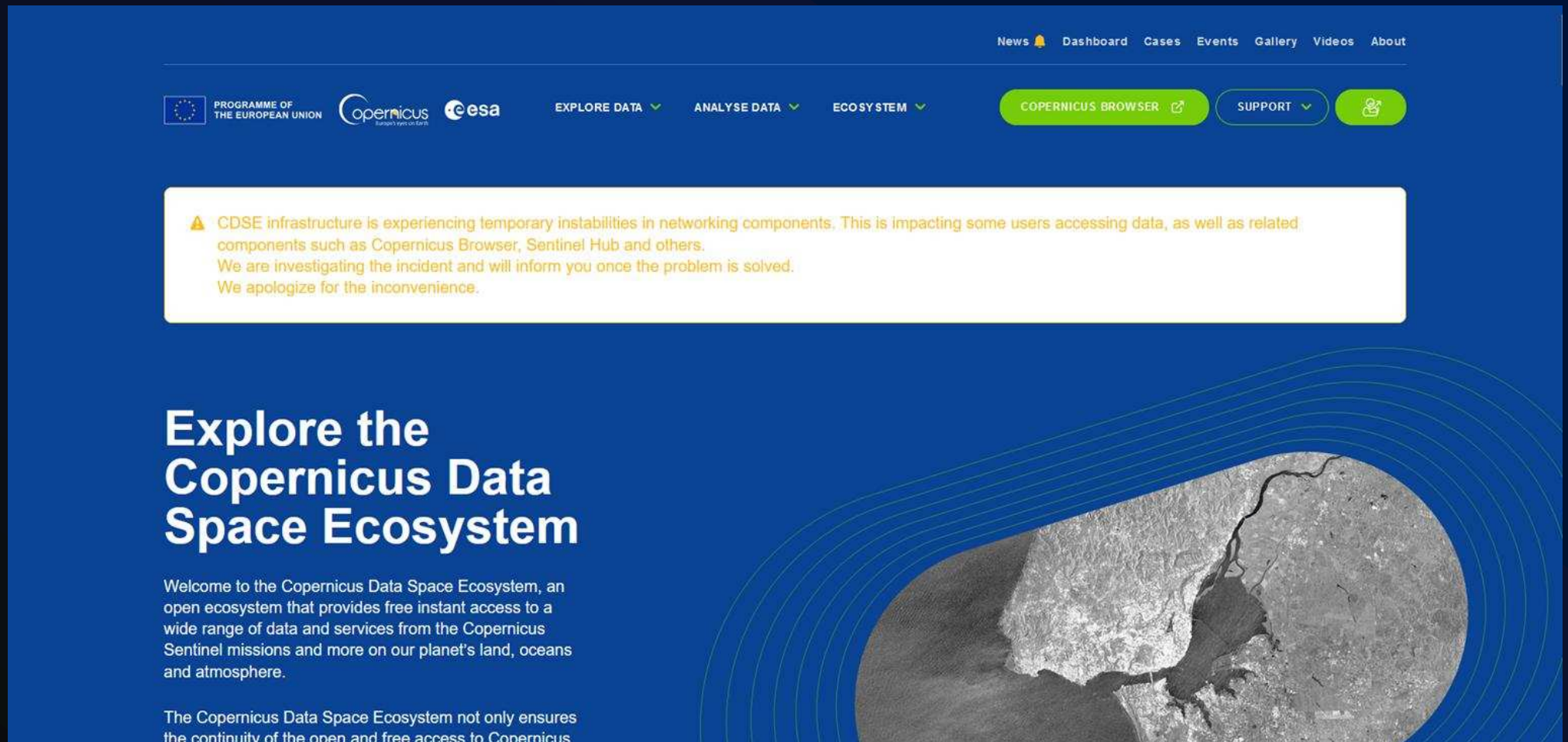
Kontaktný bod pre Emergency rapid mapping systém

Copernicus Academy, Copernicus Relays

Údaje Programu Copernicus

Copernicus Data Space Ecosystem

<https://dataspace.copernicus.eu/>



The screenshot shows the top navigation bar of the Copernicus Data Space Ecosystem website. It includes a navigation menu with links for News, Dashboard, Cases, Events, Gallery, Videos, and About. Below the navigation bar are logos for the Programme of the European Union, Copernicus, and ESA. There are also three main menu items: EXPLORE DATA, ANALYSE DATA, and ECOSYSTEM, each with a dropdown arrow. To the right of these are three buttons: COPERNICUS BROWSER, SUPPORT, and a user profile icon.

News **Dashboard** **Cases** **Events** **Gallery** **Videos** **About**

PROGRAMME OF THE EUROPEAN UNION Copernicus ESA

EXPLORE DATA ANALYSE DATA ECOSYSTEM

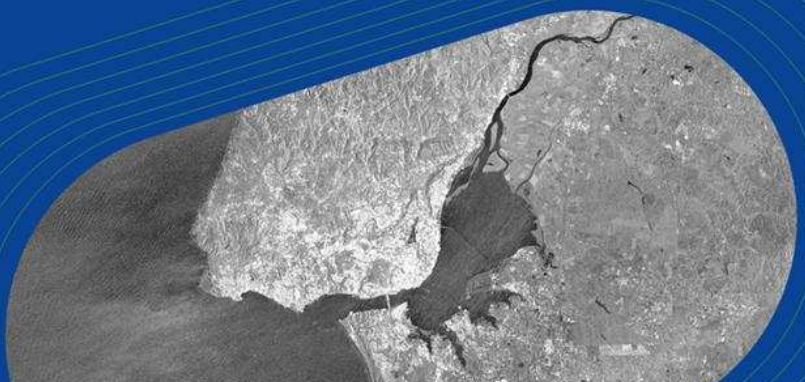
COPERNICUS BROWSER SUPPORT

⚠️ CDSE infrastructure is experiencing temporary instabilities in networking components. This is impacting some users accessing data, as well as related components such as Copernicus Browser, Sentinel Hub and others. We are investigating the incident and will inform you once the problem is solved. We apologize for the inconvenience.

Explore the Copernicus Data Space Ecosystem

Welcome to the Copernicus Data Space Ecosystem, an open ecosystem that provides free instant access to a wide range of data and services from the Copernicus Sentinel missions and more on our planet's land, oceans and atmosphere.

The Copernicus Data Space Ecosystem not only ensures the continuity of the open and free access to Copernicus



Údaje Programu Copernicus

Vizualizácia/vyhľadávanie/ukladanie údajov

The image shows the Copernicus Browser interface. On the left, there is a search results panel with the following details:

- Go to search** (button)
- Showing 50 results of 104436
- Visualize (button)
- SENTINEL-2 MSI S2MSI2A
- Visualize (button)
- S2A_MSIL2A_20241117T095301_N0511_R079_T33TVE_20241117T130749.SAFE
- Mission: SENTINEL-2 Instrument: MSI Size: 913MB
- Sensing time: 2024-11-17T09:53:01.024000Z
- Visualize (button)
- SENTINEL-2 MSI S2MSI2A
- Visualize (button)
- S2A_MSIL2A_20241117T095301_N0511_R079_T33TXH_20241117T130749.SAFE
- Mission: SENTINEL-2 Instrument: MSI Size: 978MB
- Sensing time: 2024-11-17T09:53:01.024000Z
- Visualize (button)
- SENTINEL-2 MSI S2MSI2A
- Visualize (button)
- S2A_MSIL2A_20241117T095301_N0511_R079_T35VLE_20241117T130749.SAFE
- Mission: SENTINEL-2 Instrument: MSI Size: 923MB
- Sensing time: 2024-11-17T09:53:01.024000Z
- Visualize (button)
- SENTINEL-2 MSI S2MSI2A
- Visualize (button)
- S2A_MSIL2A_20241117T095301_N0511_R079_T34VEK_20241117T130749.SAFE
- Mission: SENTINEL-2 Instrument: MSI Size: 983MB
- Sensing time: 2024-11-17T09:53:01.024000Z
- Visualize (button)
- SENTINEL-2 MSI S2MSI2A
- Visualize (button)
- S2A_MSIL2A_20241117T095301_N0511_R079_T33UXU_20241117T130749.SAFE
- Mission: SENTINEL-2 Instrument: MSI Size: 979MB

The main map area shows a satellite view of Europe with several blue rectangular overlays representing search results. The overlays are concentrated in Central Europe, covering areas like Germany, Poland, Czechia, Slovakia, Austria, and Hungary. The interface includes a search bar at the top right with the text "Go to Place", a navigation sidebar on the right with icons for home, search, and 3D view, and a footer with logos for Copernicus, ESA, and OpenStreetMap contributors. The footer also displays the coordinates "Lat: 48.20, Lng: -2.50" and a scale of "300 km".

Údaje Programu Copernicus

Služby programu Copernicus

<https://www.copernicus.eu/en/copernicus-services>

Copernicus Services

Copernicus Services

Atmosphere

Marine

Land

Climate Change

Security

Emergency



Atmosphere



Marine



Land



Climate Change



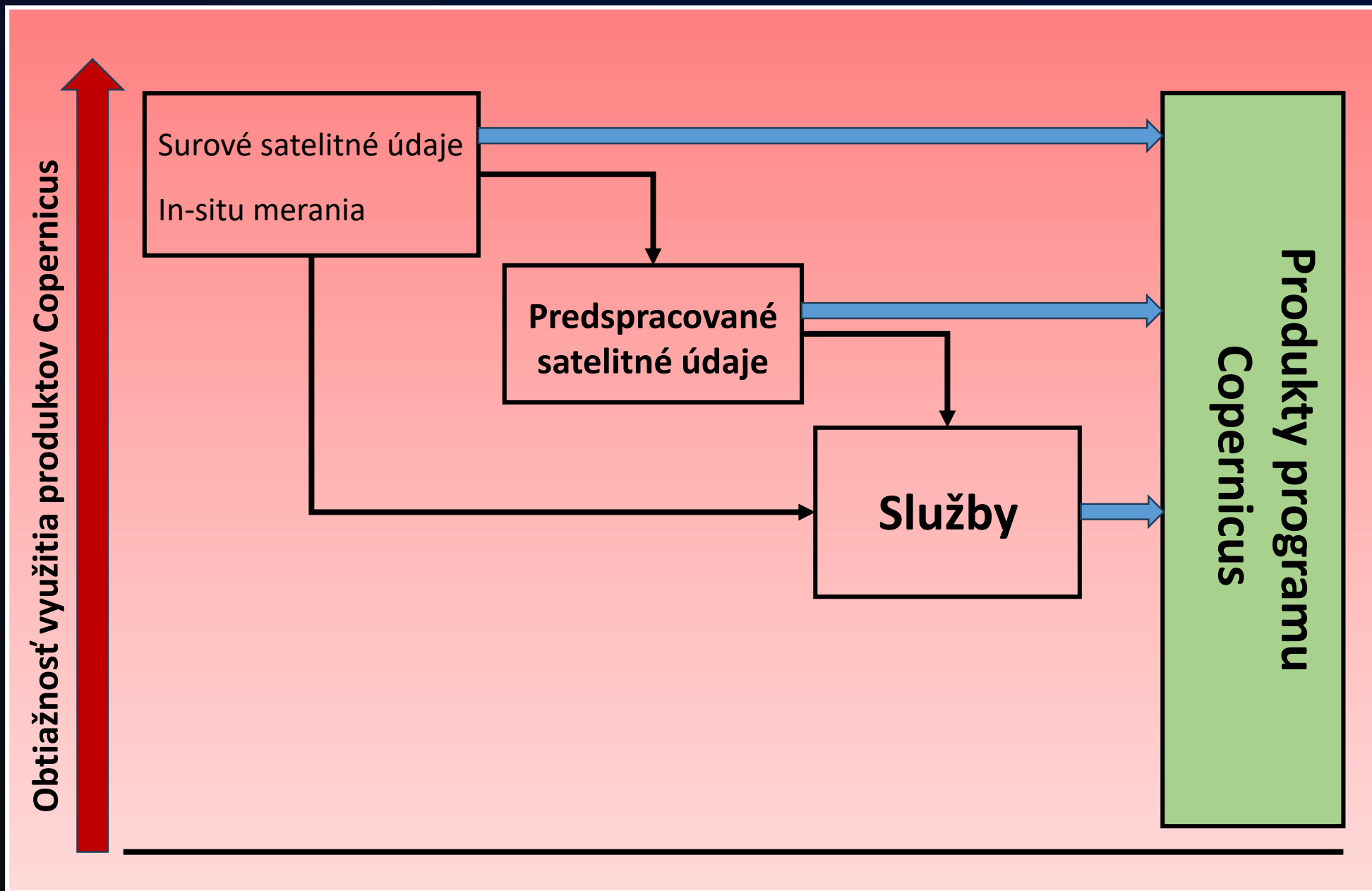
Security



Emergency

Privacy settings

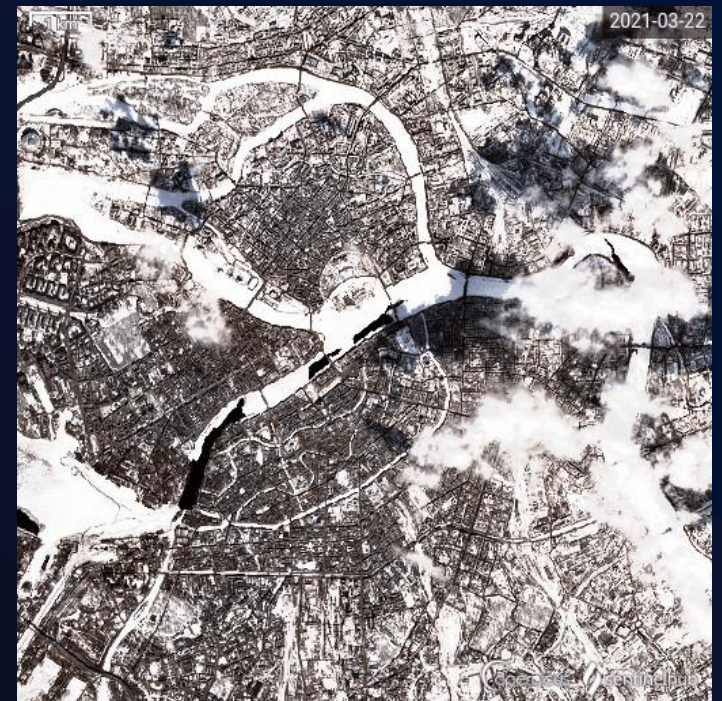
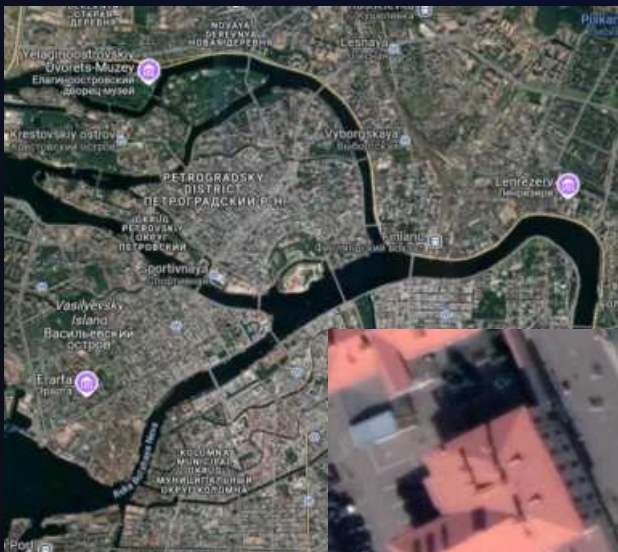
Copernicus - údaje, služby, produkty



Údaje Programu Copernicus

Podrobné, ale menej aktuálne údaje

Menej podrobné, ale aktuálne údaje



Podpora a informácie

Program Copernicus a program ESA Future EO

- Peter Pastorek (peter.pastorek@enviro.gov.sk) – MŽP SR

Spolupráca s ESA

- Kristián Ondáč - SARIO

Pravidelné stretnutia delegátov SR v ESA so zástupcami SK spoločností

Copernicus opportunities

<https://www.copernicus.eu/en/opportunities>

Copernicus Events - <https://www.copernicus.eu/en/events/events>



Copernicus

Ďakujem za pozornosť