



SLOVAK SPACE OFFICE – Downstream Sector

SLOVAK SPACE OFFICE

INDUSTRY UNIT

POLICY UNIT

SARIO
SLOVAK INVESTMENT AND
TRADE DEVELOPMENT AGENCY

 **MINISTRY**
OF EDUCATION, RESEARCH,
DEVELOPMENT AND YOUTH
OF THE SLOVAK REPUBLIC



**SECTOR
DEVELOPMENT**



**INTERNATIONAL
COOPERATION**



OUTREACH



**POLICY
COORDINATION**



**INTERNATIONAL
COMMITMENTS
(ESA, UN, EU)**



**SPACE
BUDGET**

4,5 YEARS OF SARIO IN SPACE



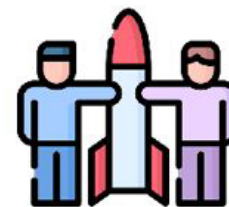
18

NEW
COMPANIES
BROUGHT TO
THE SPACE
SECTOR



41

LOCAL AND
INTERNATIONAL
R&D
PARTNERSHIPS
ESTABLISHED



36

NEW TEAMS
ENGAGED
IN STARTUP
ACTIVITIES

LAST YEAR



6

NEW
COMPANIES
BROUGHT TO
THE SPACE
SECTOR



13

LOCAL AND
INTERNATIONAL
R&D
PARTNERSHIPS
ESTABLISHED



12

NEW TEAMS
ENGAGED
IN STARTUP
ACTIVITIES



SLOVAK REPUBLIC | JOINT EXPOSITION

CATALOGUE OF SLOVAK EXHIBITORS

PARIS AIR SHOW SIAE
PARIS LE BOURGET EXHIBITION CENTRE | PARIS | FRANCE
JUNE 19-25, 2023 | WWW.SARIO.SK



SARIO
SLOVAK INVESTMENT AND
TRADE DEVELOPMENT AGENCY

**INDUSTRY
SPACE DAYS
2021** THE
CONFERENCE
EDITION

7-8 December 2021
ESA Virtual Event

**EXPO
2020
DUBAI
UAE**

ORGANIZED BY:

**72nd INTERNATIONAL
ASTRONAUTICAL CONGRESS**

25-29 October 2021 | Dubai

HOSTED BY:

مركز محمد بن راشد
للفضاء
MOHAMMED BIN RASHID SPACE CENTRE

Inspire, Innovate & Discover
for the Benefit of Humankind

**IAC
DUBAI
2021**

IAC2021.ORG

**IAC
PARIS
2022**

**73rd INTERNATIONAL
ASTRONAUTICAL CONGRESS**

PARIS, FRANCE, 18 – 22 SEPTEMBER 2022

Space for @ll

**IAC
2023
BAKU**

**74th
INTERNATIONAL
ASTRONAUTICAL
CONGRESS**

2-4 OCTOBER 2023
BAKU, AZERBAIJAN

Global Challenges
and Opportunities:
Give Space a Chance

WWW.IAC2023.ORG



eurisy
ACTING COLLECTIVELY TO
BRIDGE SPACE AND SOCIETY

MEMBERS' CORNER

FOCUS ON THE SLOVAK SPACE OFFICE

Supporting technology transfer for
sustainable cities and communities

21 OCT 2022
11:00 – 12:00

Satellite-based Services for Disaster Risk Management

30th November 2023
9:00 – 15:00 CET
SLOVAK UNIVERSITY OF TECHNOLOGY IN BRATISLAVA,
Faculty of Informatics and Information Technologies,
Ilkovičova 2
Bratislava, Slovakia



EUSPA **eurisy** **SLOVAK SPACE OFFICE**

Slovak Space Office of the Ministry of Education, Science, Research and Sport of the Slovak Republic and Slovak Investment and Trade Development Agency (SARIO) | MINISTRY OF EDUCATION, SCIENCE, RESEARCH AND SPORT OF THE SLOVAK REPUBLIC | SARIO SLOVAK INVESTMENT AND TRADE DEVELOPMENT AGENCY



Join us to celebrate geography
and make maps with OpenStreetMap

#osmgeo week

Mapping Tomorrow with OpenStreetMap

Part #1

TASK: Unveiling the Missing Buildings in the
Prešov Region for Better Decision Making

Our special guests:
Martin Ždila, Freemap.sk
Denis Sedlák, Slovak Space Office

Nov 16, 2023
9 am - 11:30 am
University of Prešov
Room 1.01 KC

Register here: 

youthmappers **TeachOSM** **freemap.sk** **SLOVAK SPACE OFFICE** **PREŠOVSKÝ SAHOSPRÁVNÝ KRAJ**



Co-funded by the European Union



01.–03.
JULY 2022

CITYTHON 2022

KOŠICE

kajoservices.com **TECHNICAL UNIVERSITY OF KOŠICE** **CARNET**
FUTURE MOBILITY RESEARCH HUB



Co-funded by the European Union



29. APRIL
01. MAY
2022

CITYTHON 2022

ŽILINA

kajoservices.com **UNIVERSITY OF ŽILINA** **CARNET**
FUTURE MOBILITY RESEARCH HUB

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SLOVAK INVESTMENT AND
TRADE DEVELOPMENT AGENCY

SLOVAK
SPACE OFFICE

Slovak Space Incubator

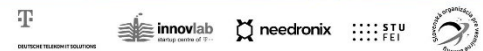
- Premises and mentoring from host partners in 3 locations across Slovakia
- Additional mentoring from successful actors in Slovak space and start-up ecosystem
- Feedback on the project from renowned foreign experts
- Support in fundraising and matchmaking with VC players

Postav svoj vlastný satelit



CANSAT
STARTER GUIDE FOR STUDENTS

prihlás sa do
stredoškolskej
súťaže CANSAT



SARIO
SLOVAK INVESTMENT AND
TRADE DEVELOPMENT AGENCY

SLOVAK
SPACE OFFICE

Emerging Space 2023

30.5. – 1.6. 2023 | FEI STU | Bratislava & online



Spaceport Hackathon 2023

Topic: Satellite data
processing for humanitarian
and development aid.

December 8 – 10, 2023

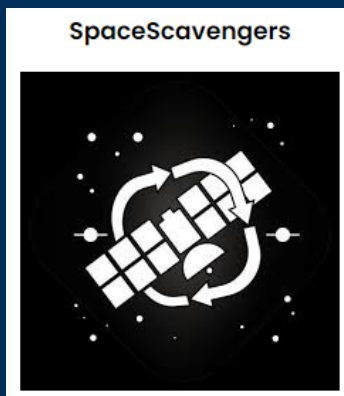
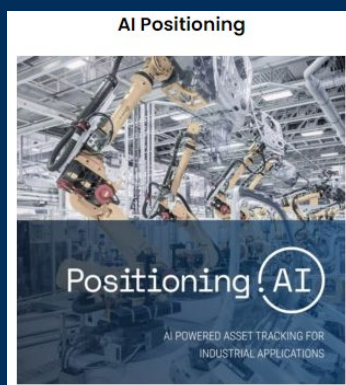
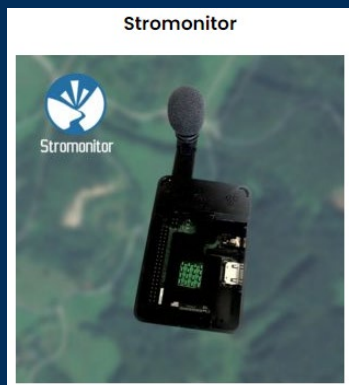
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SLOVAK
SPACE OFFICE

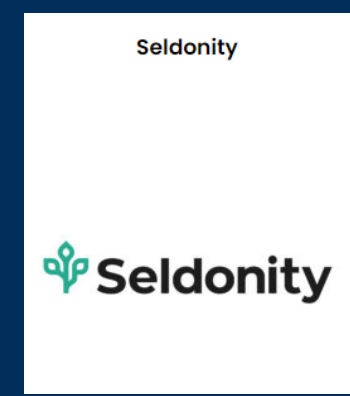
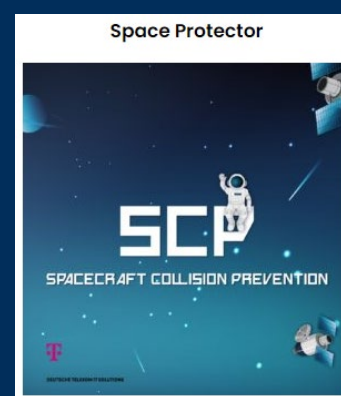
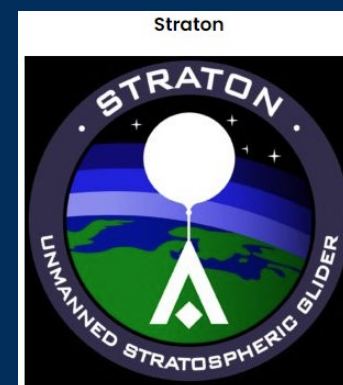
Spaceport_SK

Slovak Space Office's Incubation Programme

FIRST BATCH - 2022



SECOND BATCH - 2023

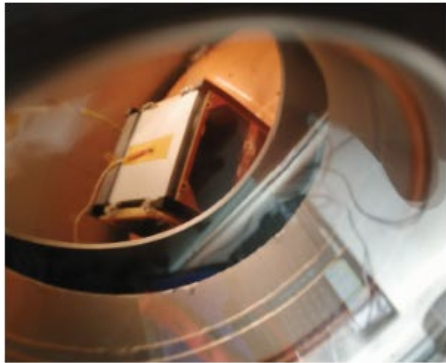


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SLOVAK INVESTMENT AND
TRADE DEVELOPMENT AGENCY

GOOD
IDEA
SLOVAKIA



Space Industry in SLOVAKIA



Space Industry in Slovakia

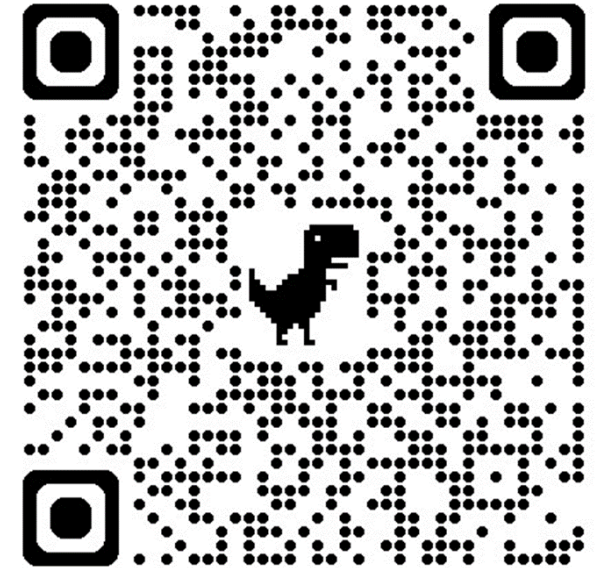
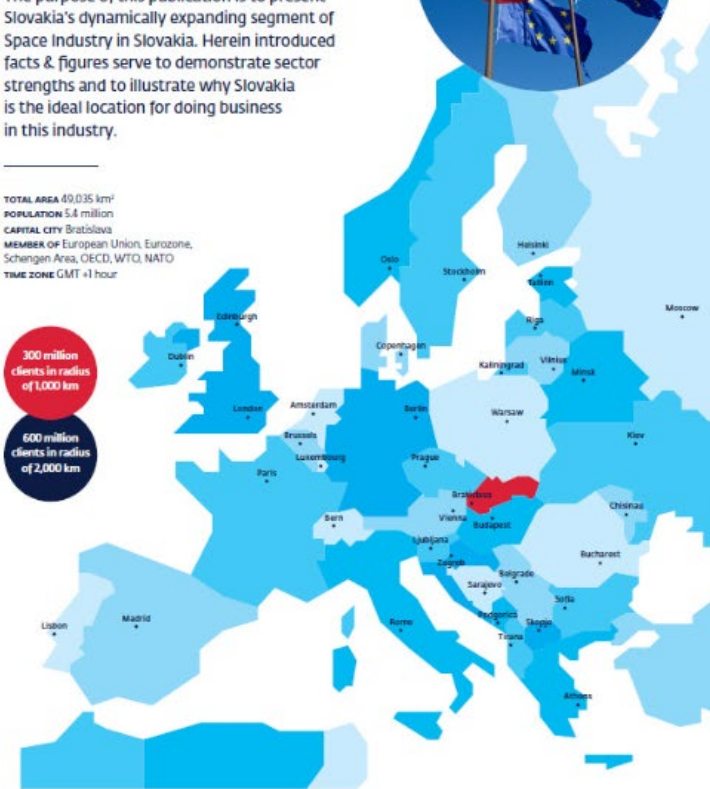
The purpose of this publication is to present Slovakia's dynamically expanding segment of Space Industry in Slovakia. Herein introduced facts & figures serve to demonstrate sector strengths and to illustrate why Slovakia is the ideal location for doing business in this industry.



TOTAL AREA 49,035 km²
POPULATION 5.4 million
CAPITAL CITY Bratislava
MEMBER OF European Union, Eurozone,
Schengen Area, OECD, WTO, NATO
TIME ZONE GMT +1 hour

300 million
clients in radius
of 1,000 km

600 million
clients in radius
of 2,000 km



Newsletter | Slovenská vesmírna kancelária



Newsletter Slovenskej vesmírnej kancelárie je určený predovšetkým pre slovenské firmy a výskumno-vývojové inštitúcie. V rámci newsletteru vám budeme posilať aktuálne informácie o projektových výzvach, grantoch, súťažiach a iných príležitostiach, ako aj o rôznych zaujímavých podujatiach na Slovensku aj v zahraničí.

VÁŠ EMAIL *

MENO

FIRMA

AKÉ INFORMÁCIE VÁS ZAUJÍMAJÚ

ODOSLAŤ

Podmienky ochrany osobných údajov si môžete [prečítať tu](#).

NEW SPACE FOR YOUR BUSINESS

Slovak Space Office
Supporting development of the Slovak space sector and its internationalisation.
Government Administration · Bratislava · 399 followers

Denis & 2 other connections work here · 4 employees

✓ Following Visit website More

Home About Posts Jobs People

About

Slovak Space Office is a joint project of Slovak Investment and Trade Development Agency (SARIO) and the Ministry of Education, Science, Research, and Sport of the Slovak Republic. While the ministry-led Political Branch is responsible for inter-ministerial political coordination and multilateral issues, the Industrial Branch at SARIO is in charge of developin... see more

See all details

Page posts

Slovak Space Office 399 followers 2w · Edited

SPACE HACKATHON IN SLOVAKIA sk
Slovak Space Office is one of 10 local org: ...see more

Slovak Space Office 399 followers 1d

During the last week's UN COPUOS session, we held an official side event themed „Space ...see more

Space ecosystem building in emerging

SLOVAK SPACE OFFICE

SPACE IN SLOVAKIA ABOUT US NEWS & EVENTS FUNDING OPPORTUNITIES

SLOVAK SPACE OFFICE
NEW SPACE FOR YOUR BUSINESS

SECTOR DEVELOPMENT INTERNATIONAL COOPERATION OUTREACH ACTIVITIES

Space Industry in SLOVAKIA

The purpose of this publication is to present the current state of the space industry in Slovakia and to provide information on the opportunities for investment and cooperation in this sector. The publication is intended for investors, business partners and the general public.

SPACE ECONOMY OVERVIEW

SLOVAK SPACE COMPANIES IN FIGURES

Slovakia has **more than 45+ companies actively involved** in the space economy. On top of that, there are **more than 50 other companies** with a strong potential of entering space - working in relevant areas of sectors such as **electronics, high precision machinery, industry 4.0 and ICT**. Several of them already have initial experience with space projects.



KEY FIGURES

50

Companies directly involved in the space economy with 50+ more active in related areas

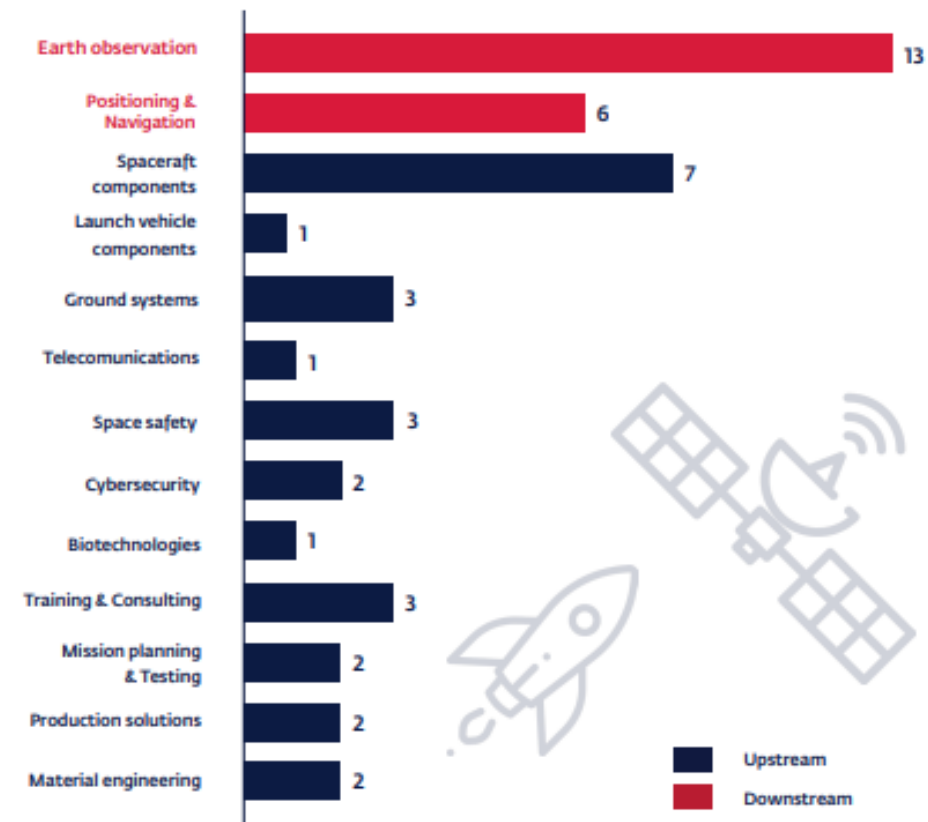
550+

People employed by companies directly involved in the space economy

€ 120M+

Revenue generated by companies directly involved in the space economy

Number of Companies Directly Involved in Space Sector



SPACE ECONOMY OVERVIEW

COMPANIES - DOWNSTREAM

- Remote sensing / Earth observation



insar.sk

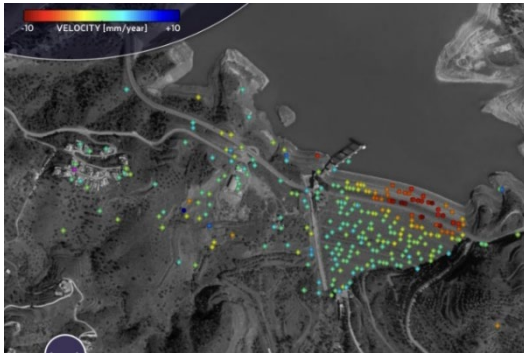


- Navigation & Positioning



EO LANDSCAPE

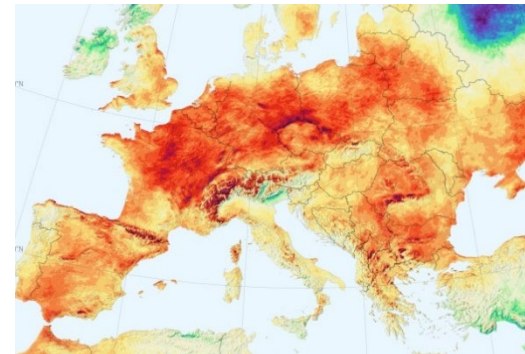
SHOWCASE OF SLOVAK BUSINESS-LED EO PROJECTS



Infrastructure and land deformation monitoring Insar.sk



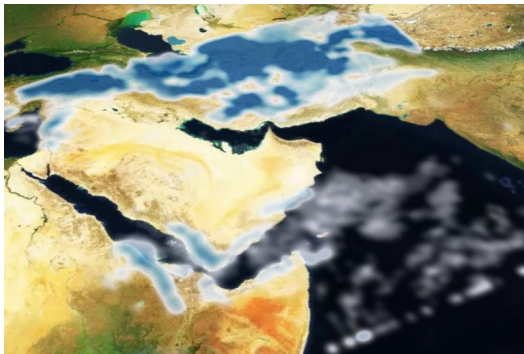
Mining monitoring Photomap



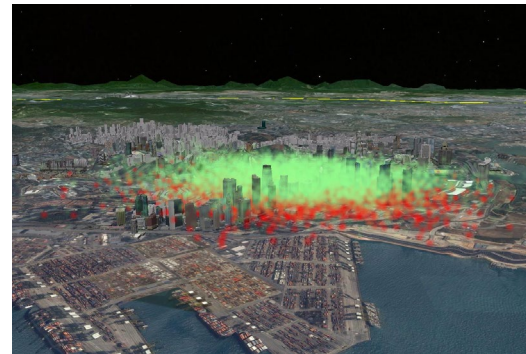
Solar radiation monitoring Solargis



Forest disturbance mapping and monitoring YMS



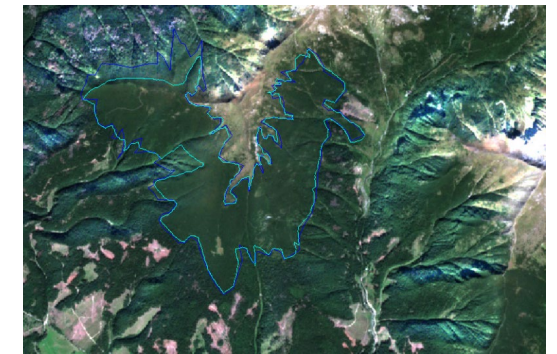
Meteorological forecasting & modeling Microstep MIS & IBL Software Engineering



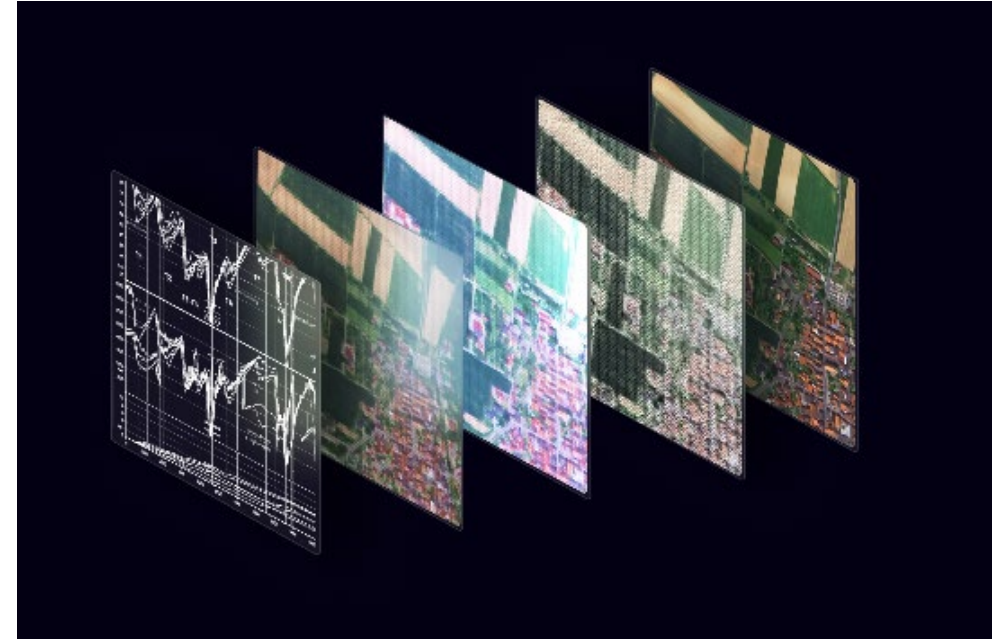
Radiation monitoring ABmerit



Early warning systems KAJO Services

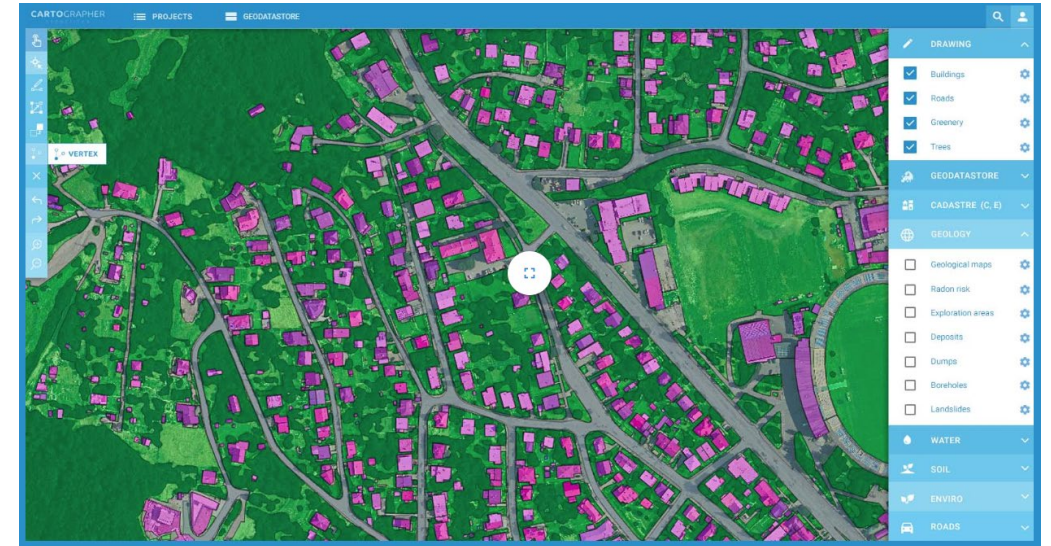


Habitat monitoring Algoritmy SK



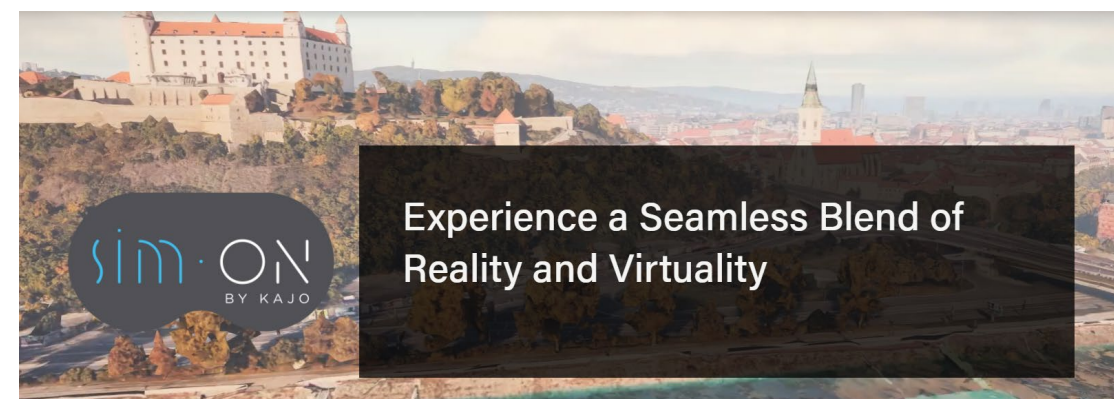
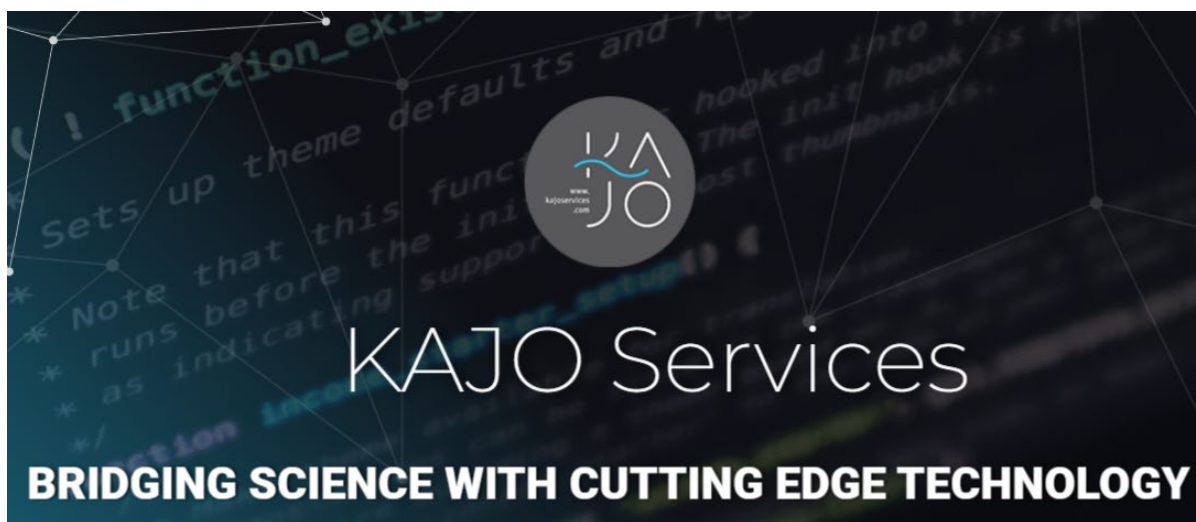
3IPK was the first company ever to be awarded a blockchain technology contract by the European Space Agency, to deliver a traceability solution for space applications.

Technology can detect even the slightest change of a single pixel in the event of data manipulation or misinterpretation by bad actors.



Technology company in the field of geodesy and cartography with professional capabilities and experience in consulting, information technologies and geodata. The company also has contracted multiple ESA projects.

end-to-end process of the precision mapping of aerodromes, airfields, and airports using VHR satellite imagery as an add on service to the bidder's Cartographer software tool



By simulating realistic scenarios, technology allows emergency responders to train in lifelike environments without the risks associated with real-life emergencies.

VR enables policymakers and organizations to develop and test emergency plans in a safe and controlled environment.



Spaceport_SK



Agromapper ponúka poľnohospodárom satelitné a letecké snímky spracované do vegetačných indexov. Zákazník má vďaka vytvorenej službe prístup k týmto dátam skrz open-source riešenie, ktoré je užívateľsky jednoduché.

Rozhodovacie procesy v poľnohospodárstve založené na takýchto objektívnych dátach pomôžu zvýšiť efektivitu a konkurencieschopnosť pestovania plodín v našom regióne.

PROJECT & FUNDING OPPORTUNITIES



ESA Requesting Party Activities – EO

NOT ELIGIBLE FOR 2025 ESA RPA CALL.

Products and services making use of ESA/European space infrastructure that is already existing or scheduled for operation in the near term. The goal is to ensure the introduction of a product to a first customer and to enter into customers supply chain.

Minimum start TRL 6 • Maximum end TRL 8.

Agency funding not higher than 200 000 EURO.

Prime contractorship must be led by industry.

Must include end-user customer.

ESA Future EO Open Call

Closing Date

31/12/2025 13:00 CET

The objective of the call is to provide a framework to rapidly respond to new innovative ideas. It is intended to support innovative developments which respond to opportunities linked to the exploitation of ESA, Third Party and other European (including national and private sector) Earth Observation data, and related capabilities and infrastructures.

Science, Applications, Industrial Competitiveness, Digital Innovation, Sentinel Users Preparation, and Foresight.

Regular innovative activities, with a maximum budget of 200 000 EURO and maximum duration of 18 months. Fast innovative activities, with a maximum budget of 100 000 EURO and a maximum duration of 6 months.

SK RECOVERY FUND call

Closing Date
31/03/2025

10 000 000 EURO

SPACE – Špičkový výskum a vývoj od myšlienky k produktu.

Výskum vo všetkých definovaných oblastiach RIS3+ s prienikom na vesmír.

Rozvoj a rozšírenie výskumných a inovačných kapacít a vy a využívanie pokročilých technológií.

Medzinárodné subjekty zapojené formou sub-contractingu (nie je to potrebné), formou paušálnych výdavkov.

Space for Climate Observatory – annual calls

Seeking visionary partners from industry, public entities, and scientific institutes to collaborate with SCO.

Creating operational tools that make a real difference in climate monitoring, mitigation, and adaptation.

Bridge the gap between data and end-users, empowering local decision-makers and the wider public to take informed actions.

Criteria:

- Alignment with local needs
- Integration of satellite data
- Collaboration and partnership
- Scalability and replicability
- Digital solution in the form of a webGIS



https://www.euspa.europa.eu/sites/default/files/external/publications/euspa_market_report_2024.pdf

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SLOVAK
SPACE OFFICE

Spaceport Hackathon

2024

Gaming edition

December 6 – 8, 2024



BRATISLAVA



Register until November 30th!

spaceoffice.sk/spaceport-hackathon

Daniel ŠAGATH, PhD.
International Cooperation Manager,
Slovak Space Office - Industry Branch

daniel.sagath@sario.sk, +421 915 828 792

**SLOVAK INVESTMENT AND TRADE
DEVELOPMENT AGENCY (SARIO)**

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821 09 Bratislava
Slovak Republic

