



SUPPORTING TECHNOLOGY TRANSFER FOR SUSTAINABLE CITIES AND COMMUNITIES

October 2022

INTERNATIONAL SPACE COOPERATION

RELIABLE PARTNER IN EUROPEAN & GLOBAL STRUCTURES



EUROPEAN SPACE AGENCY

After signing the Cooperation Agreement in 2010 and the European Cooperating State Agreement in 2015, Slovakia joined the Plan for European Cooperating States (PECS) of the European Space Agency (ESA). Since then, **ESA launched 7 PECS calls in Slovakia. On 13th of October 2022** Slovakia became the **Associate Member of ESA** (GSTP, EOP, S2P, Requesting Party Activities).

EUROPEAN UNION

As a member state of the European Union, Slovakia is actively involved in all the key components of the EU space programme including **Galileo, EGNOS, Copernicus, SSA/SST, GovSatCom, or EDA**. Slovak companies and research institutions are also taking part in **Horizon Europe** space projects.



OTHER INTERNATIONAL INVOLVEMENT



UNITED
NATIONS -
COPUOS



INTERNATIONAL
ASTRONAUTICAL
FEDERATION



EUMETSAT



EURISY



GROUP ON EARTH
OBSERVATIONS



EUTELSAT IGO



SPACE CLIMATE
OBSERVATORY



EUROPEAN CENTRE
FOR SPACE LAW



COMMITTEE ON
SPACE RESEARCH



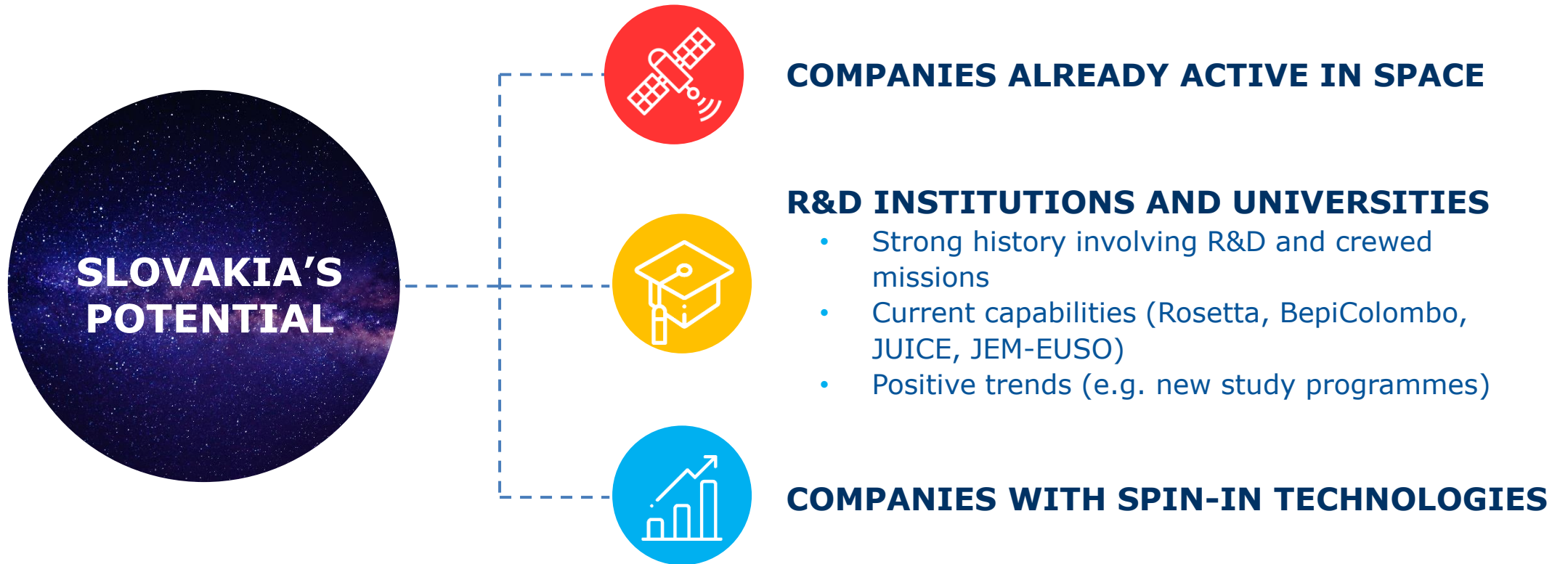
INTERNATIONAL
ACADEMY OF
ASTRONAUTICS



INTERNATIONAL
TELECOMMUNICATION
UNION



EUREKA



SPACE ECONOMY OVERVIEW

SLOVAK SPACE COMPANIES IN FIGURES

Slovakia has **more than 40 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

40+

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

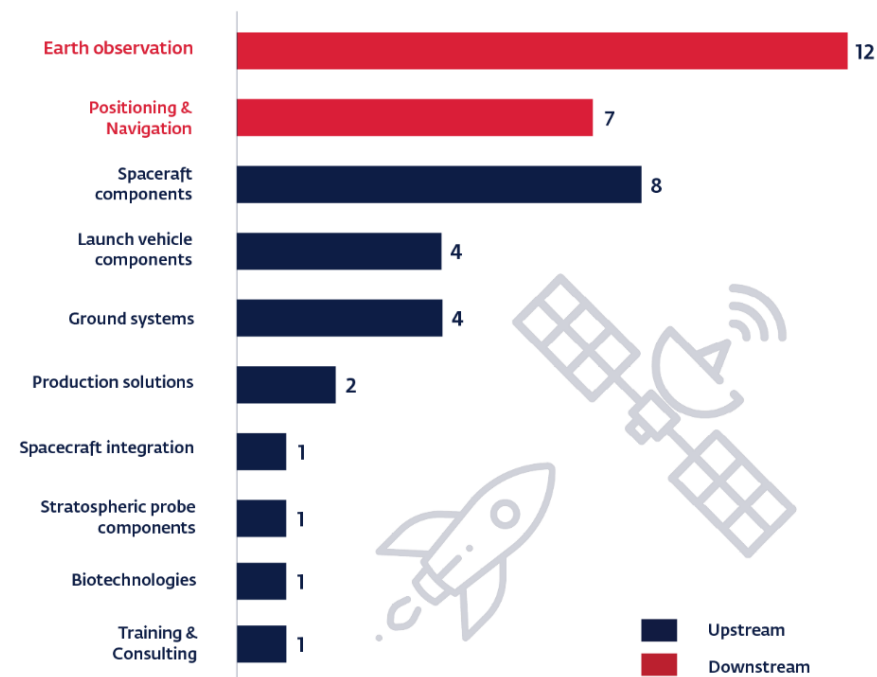
550+

People employed by companies directly involved in the space economy

€ 120M+

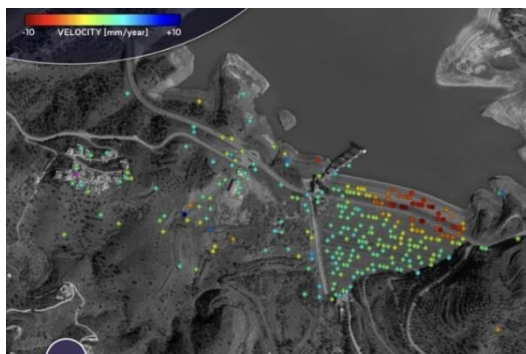
Revenue generated by companies directly involved in the space economy

Number of Companies Directly Involved in Space Sector



EO LANDSCAPE

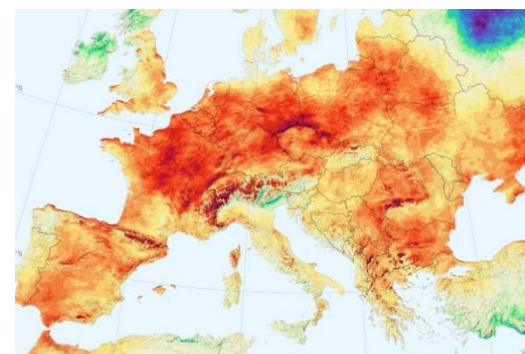
SHOWCASE OF SLOVAK BUSINESS-LED EO PROJECTS



Infrastructure and land deformation monitoring Insar.sk



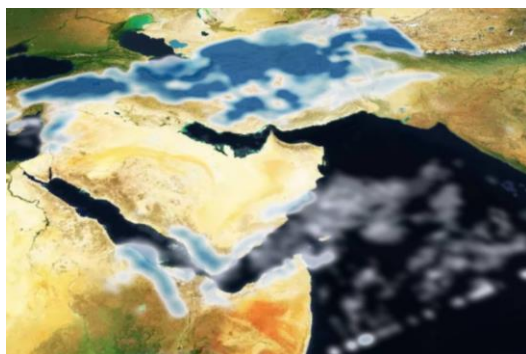
Mining monitoring Photomap



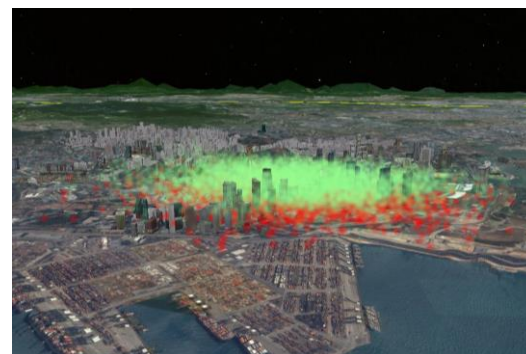
Solar radiation monitoring Solargis



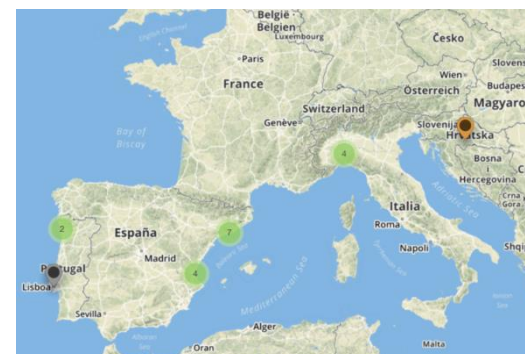
Forest disturbance mapping and monitoring YMS



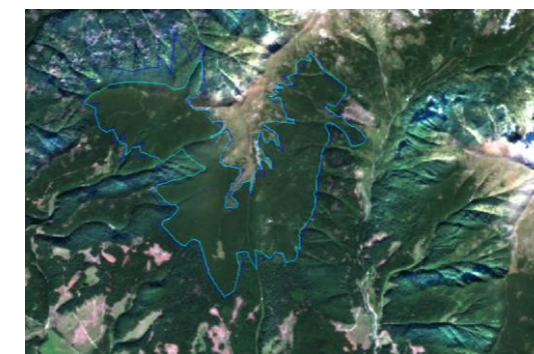
Meteorological forecasting & modeling Microstep MIS & IBL Software Engineering



Radiation monitoring ABmerit



Early warning systems KAJO Services



Habitat monitoring Algorithmy SK





SARIO
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



72nd INTERNATIONAL
ASTRONAUTICAL CONGRESS
25-29 October 2021 | Dubai
Inspire, Innovate & Discover
for the Benefit of Humankind
IAC2021.ORG



INDUSTRY
SPACE DAYS
2021

THE
CONFERENCE
EDITION

7-8 December 2021
ESA Virtual Event

ES2021

400+
Participants
3 side-events

OPENING REMARKS ONLINE

Josef Aschbacher
European Space Agency

Simonetta Di Pippo
UNOOSA

3rd SLOVAK
SPACE TECH DAY
November 30 | 2021

Emerging
Space 2021

Session #1: Emerging space countries ONLINE

Chris Leck
Office for Space
Technology &
Industry (Singapore)

Michal Brichta
Slovak Space Office,
Industry Branch (SARIO)

Angelina Bekasova
Ministry of Economics
of the Republic of Latvia,
Latvian Space Industry
Association

Deganit Paikowsky
Hebrew University of
Jerusalem, International
Astronautical Federation

William Ricard
PwC

Jean-Jacques Tortora
European Space Policy Institute
Keynote speaker

3rd SLOVAK
SPACE TECH DAY
November 30 | 2021

Emerging
Space 2021

Session #2: Emerging space players ONLINE

Hans Bracquené
SME4SPACE

Lenka Tkáčová
Slovak Space Office,
Industry Branch (SARIO)

Michal Csonga
0100 Ventures,
I AMBitious

Jakub Lajmon
Groundcom

Annalisa Donati
EURISY

Clay Mowry
International Astronautical
Federation, Blue Origin
Keynote speaker

3rd SLOVAK
SPACE TECH DAY
November 30 | 2021

Emerging
Space 2021

Session #3: Emerging space domains ONLINE

Kai Isand
Eventomado

Daniel Šagath
Slovak Space Office,
Industry Branch (SARIO)

Matúš Bakoň
insar.sk

Jakub Kapuš
Spacemanic

Juraj Zámečník
3IPK

Raphael Roettgen
E2MC Ventures

Olivier Lemaître
ASD Eurospace
Keynote speaker

3rd SLOVAK
SPACE TECH DAY
November 30 | 2021

Emerging
Space 2021

CLOSING REMARKS ONLINE

Michal Brichta
Slovak Space Office –
Industry Branch (SARIO)

Géraldine Naja
European Space Agency

Justyna Redelkiewicz
EUSPA

3rd SLOVAK
SPACE TECH DAY
November 30 | 2021

Emerging
Space 2021

EURISY Members' Corner:

SHOWCASE: Supporting technology transfer for sustainable cities and communities



insar.sk

MICHAL BRICHTA

Director of Industry Branch, Slovak Space Office

michal.brichta@sario.sk

+421 910 828 290

SLOVAK INVESTMENT AND TRADE DEVELOPMENT AGENCY (SARIO)

Trnavská cesta 100

821 01 Bratislava

Slovak Republic