



SLOVAKIA'S SPACE ECOSYSTEM

AUGUST 2021

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 6 PECS calls in Slovakia**. The intention of the Slovak Republic is to strengthen the cooperation with ESA with an **ambition of becoming its Associate Member**

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** and **GovSatCom**. Slovak companies and research institutions are also taking part in **Horizon 2020** space projects.



OTHER INTERNATIONAL INVOLVEMENT



UNITED
NATIONS -
COPUOS



INTERNATIONAL
ASTRONAUTICAL
FEDERATION



COMMITTEE ON
SPACE RESEARCH



EUMETSAT



EUTELSAT IGO



EUROPEAN CENTRE
FOR SPACE LAW



SPACE ECONOMY OVERVIEW

SLOVAK SPACE COMPANIES IN FIGURES

Slovakia has **more than 30 companies actively involved** in the space economy. On top of that, there are **more than 40 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

30+

Companies directly involved in the space economy with 40+ more active in related areas

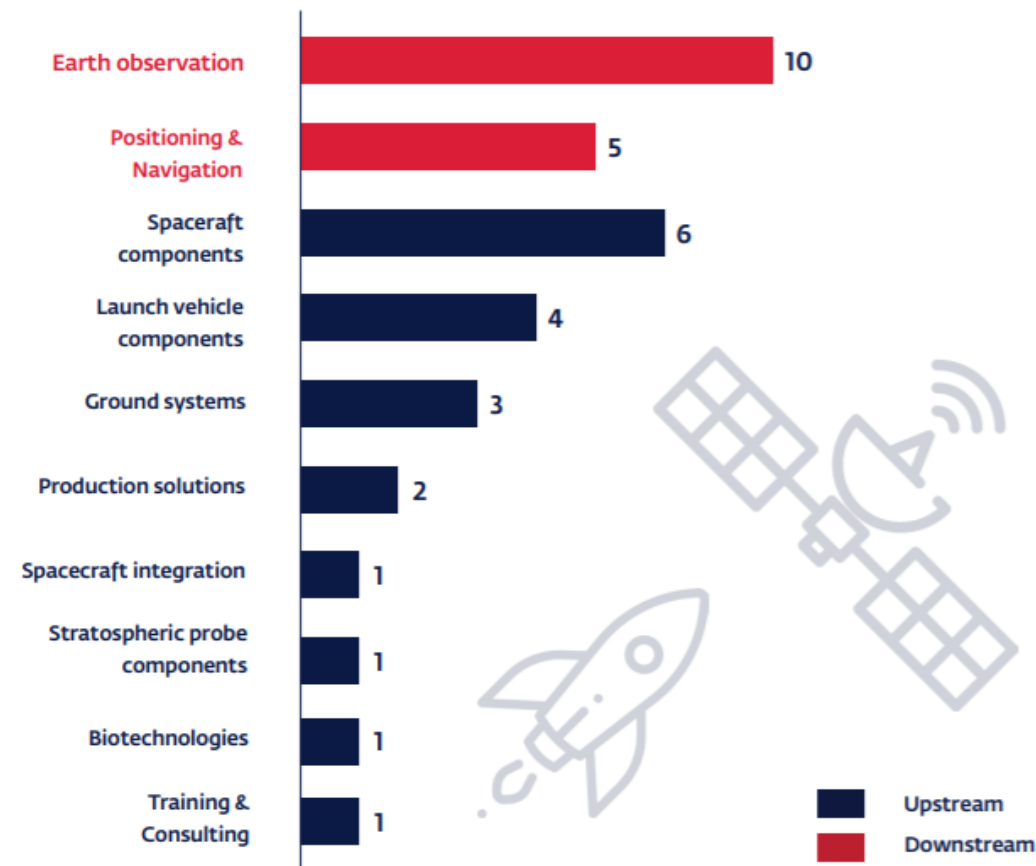
500+

People employed by companies directly involved in the space economy

€ 108M+

Revenue generated by companies directly involved in the space economy

NUMBER OF COMPANIES DIRECTLY INVOLVED IN SPACE SECTOR



SPACE ECONOMY OVERVIEW

COMPANIES - UPSTREAM

- **Spacecraft components**



- **Ground systems & surveillance**



- **Launch vehicles & components**



- **Biotechnologies**



- **Spacecraft integration**



SPACEMANIC

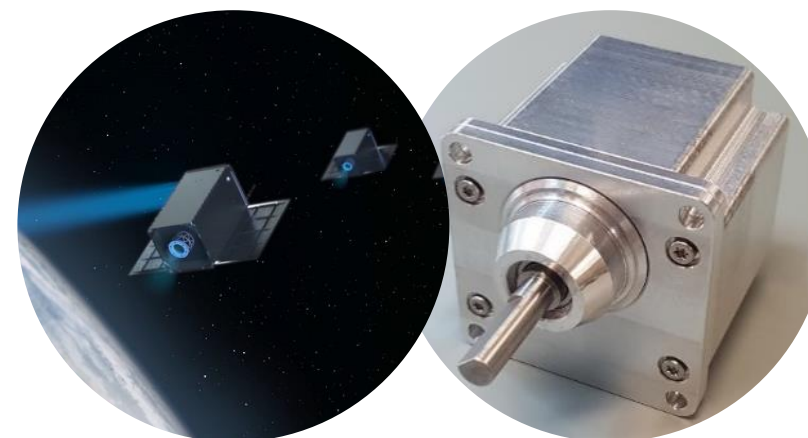
- **Stratospheric probes**



- **Production & Testing**



- **Training & Consulting**



SPACE ECONOMY OVERVIEW

COMPANIES - DOWNSTREAM

- Remote sensing / Earth observation



insar.sk



- Navigation & Positioning



BROADENING THE INDUSTRIAL BASE

PROSPECTIVE SOURCES OF FURTHER POTENTIAL

TECHNOLOGY TRANSFER



TECHNICAL UNIVERSITY
OF KOŠICE



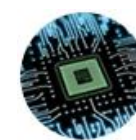
DIVERSIFICATION / SPIN-IN



Automotive
Industry



Mechanical
Engineering



Electrical
Engineering



ICT

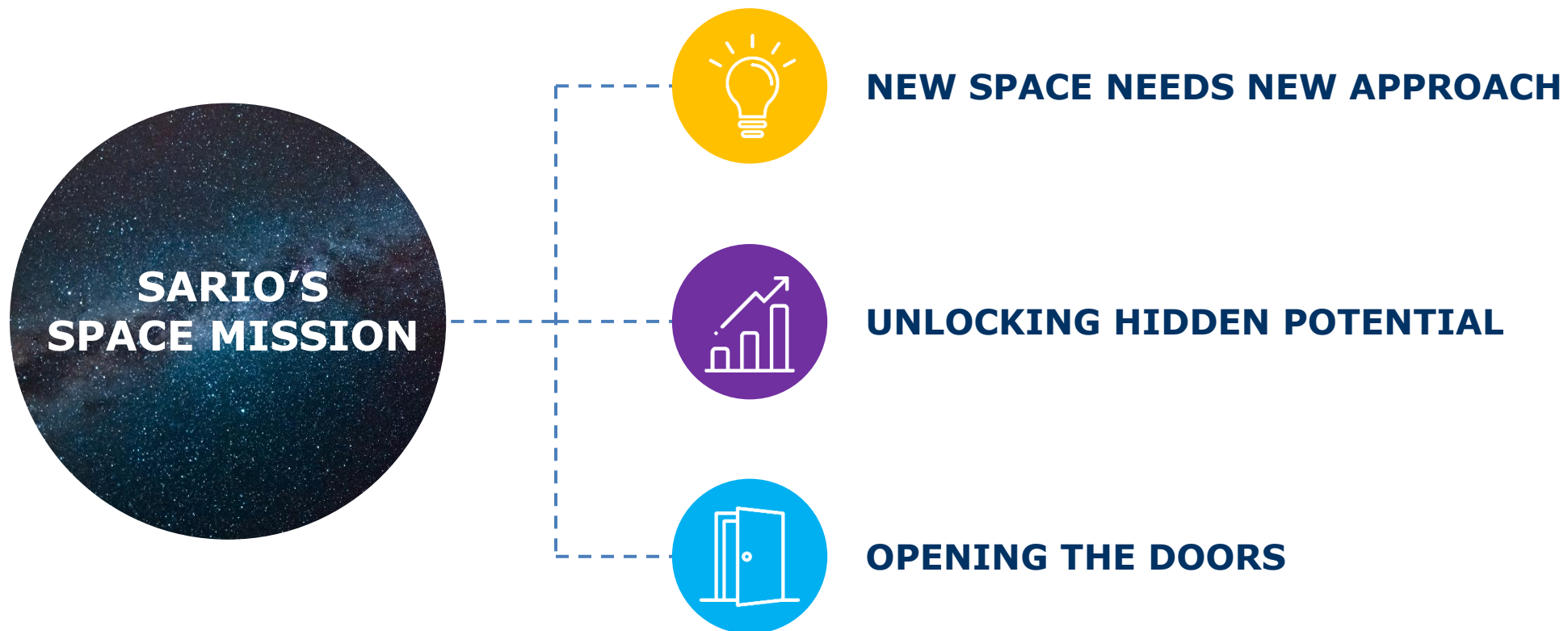


Q-PRODUCTS®



MicroStep - MIS





SARIO'S SPACE ACTIVITIES

BUILDING UP ON 2 YEARS OF SARIO'S SPACE INVOLVEMENT

2

Years of systematic work

12

Companies with
ongoing diversification
into space

20

International/local
projects & partnerships
created

MAIN EVENTS

- **Slovak Space Tech Day** with Thales Alenia Space (June 2019)
- **Getting into Space** workshop with ESA (September 2019)
- **Slovak Space in Brussels** (January 2020)
- **Slovak Space Tech Day 2** (September 2020)
- **Slovak Space Tech Day 3** (November 2021)

PARTNERS ABROAD





SAVE THE DATE OPEN FOR 2021



Main Partners



Partners & Speakers



Media Partners





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

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