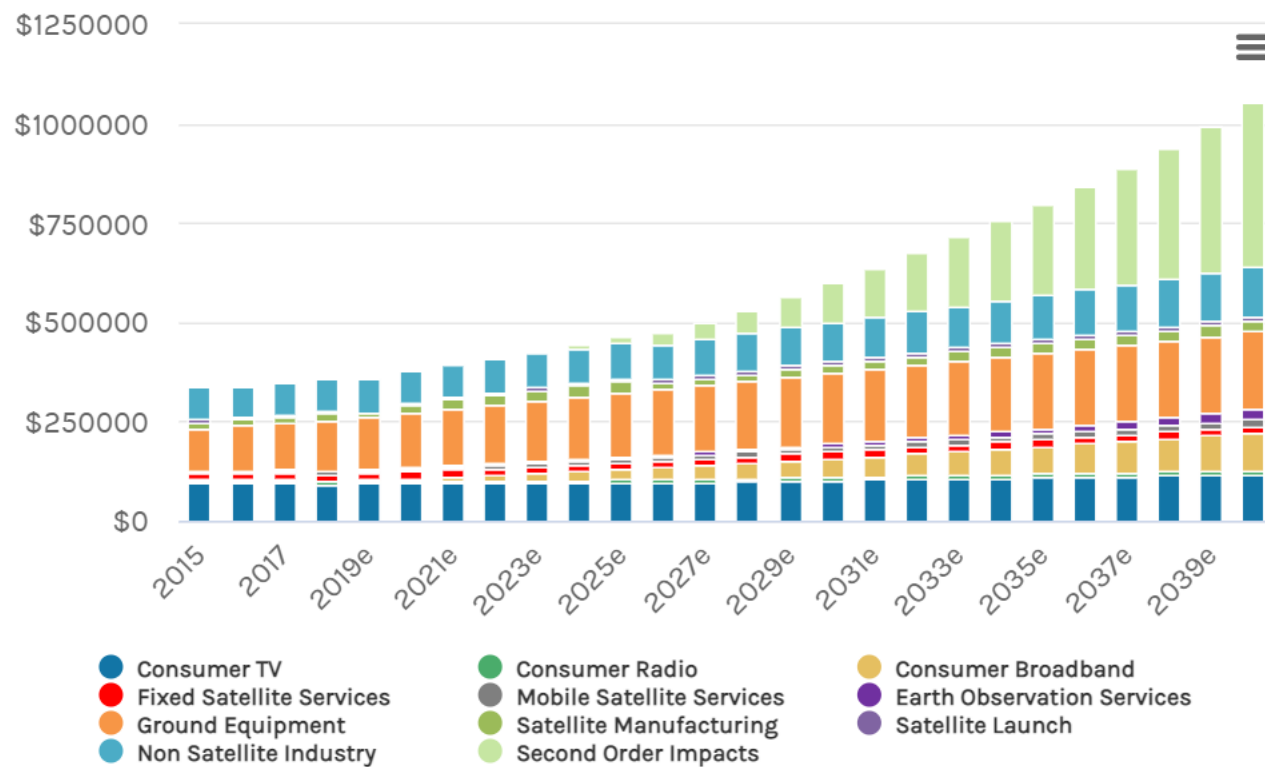




INTRODUCTION TO SLOVAK SPACE SECTOR

BEZOVEC 2021

The Global Space Economy (\$t)



Source: Haver Analytics, Morgan Stanley Research forecasts



NEW COUNTRIES



MORE PRIVATE ACTORS



NEW MARKETS



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

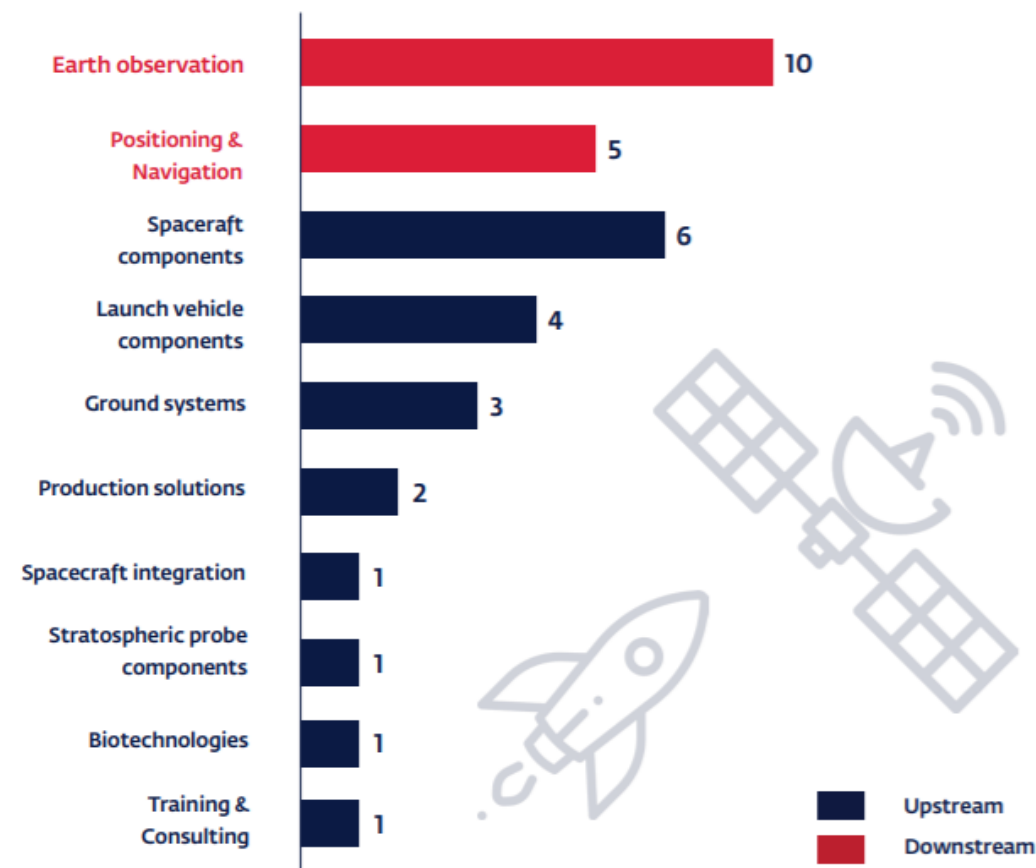
500+

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

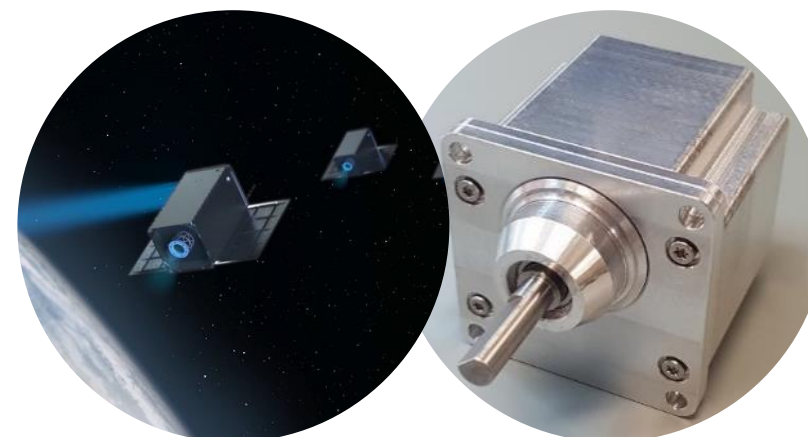
- Stratospheric probes



- 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



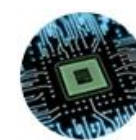
DIVERSIFICATION / SPIN-IN



Automotive
Industry



Mechanical
Engineering



Electrical
Engineering



ICT

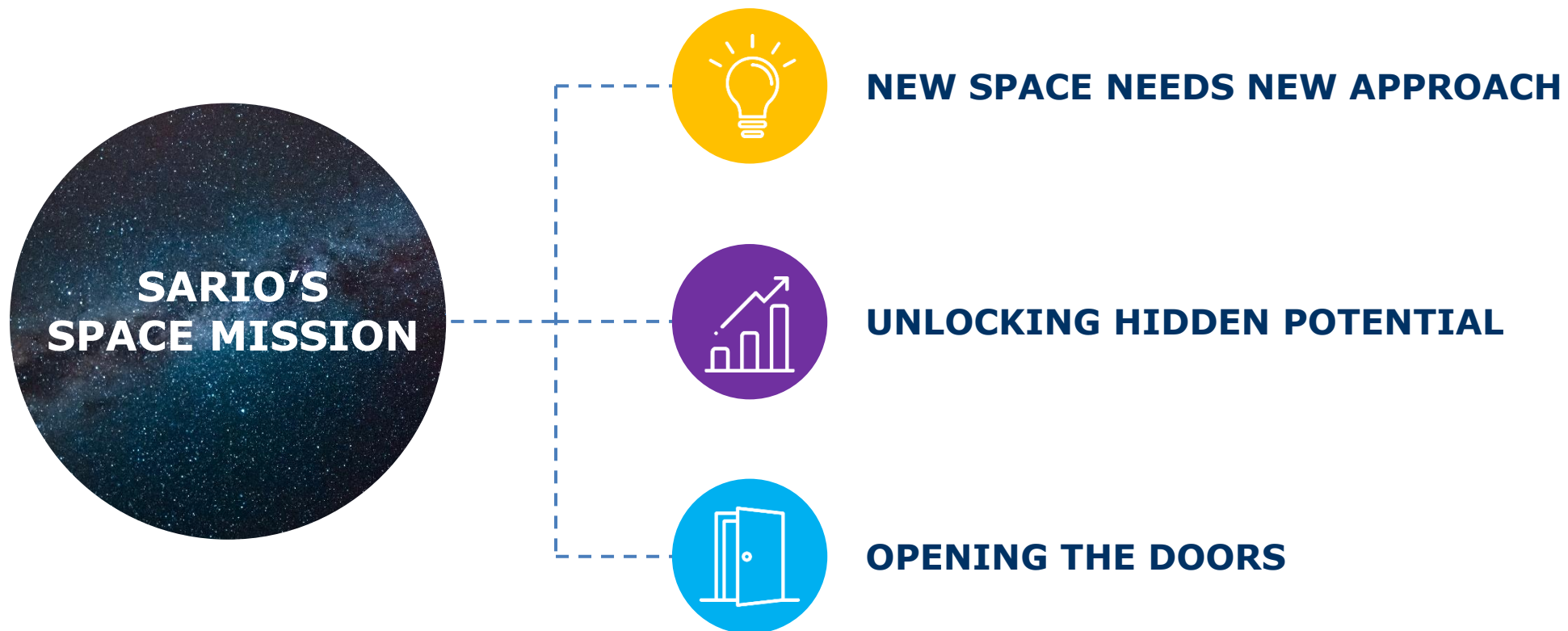


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SARIO'S SPACE ACTIVITIES

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





Main Partners



Partners & Speakers



Media Partners



SPACE GOVERNANCE

CURRENT DEVELOPMENTS & BODIES INVOLVED

Ministry of Education, Science, Research and Sport of the Slovak Republic - cooperation with ESA and implementation of PECS, coordinator of Horizon 2020 / future Horizon Europe and the EU Space Program

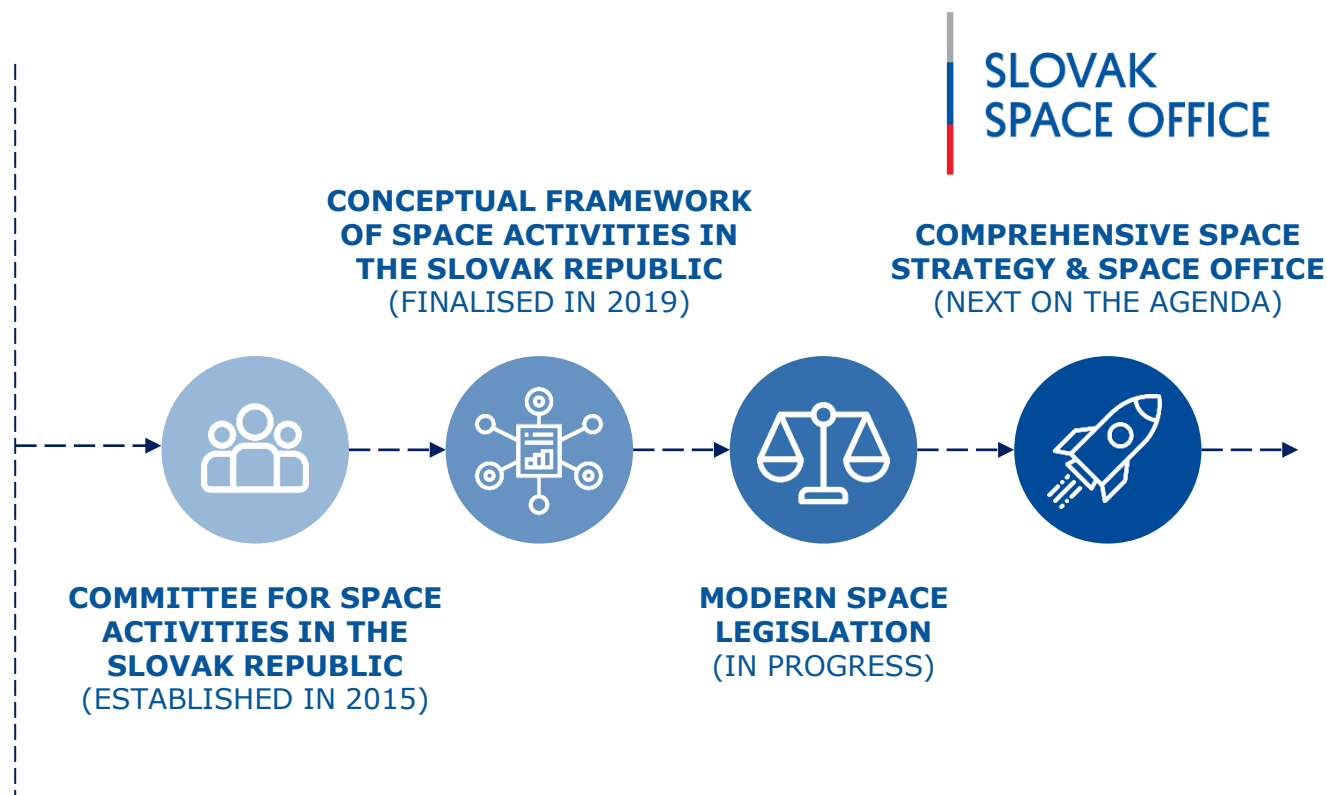
Ministry of Economy of the Slovak Republic (including Slovak Investment and Trade Development Agency SARIO)
Development of Slovak industrial capabilities in space sector

Ministry of Foreign and European Affairs of the Slovak Republic - International legal and security policy aspects of exploitation and use of outer space

Ministry of Transport and Construction of the Slovak Republic
- Implementation of Galileo/EGNOS and Public Regulated Service (PRS)

Ministry of Environment of the Slovak Republic - Copernicus programme cooperation

Ministry of Interior of the Slovak Republic - GovSatCom programme cooperation







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](#).

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Denis & 2 other connections work here · 4 employees

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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

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

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