

Current trends of the Hungarian space activity

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Ministerial Commissioner for Space Research

Ministry of Foreign Affairs and Trade



Hungarian space heritage

- Zoltán Bay – lunar radar signal experiment 1946



- Intercosmos – 2 astronauts

- Bertalan Farkas – Salyut-6, 1980

- Dr Béla Magyari

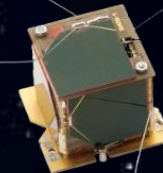
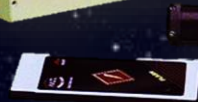


- Hungarian instruments

- Pille dosimeter

- Hungarian satellites

- MaSat, the SMOG, RADCUBE, VIREO, ATL-1 MRC-100



Ministry for Foreign Affairs and Trade 2018

- Ministerial Commissioner (Head of ESA Delegation)
- Department for Space Policy and Space Activities
- Representation of Hungary
 - European Union
 - European Space Agency
 - United Nations
- Bilateral cooperation
 - 18 partnerships with countries and companies
- Space diplomacy programmes → promotion of the Hungarian space sector



HUNOR Programme – actualities

- 19th September 2023
Space Flight Agreement
- Training of the candidates
 - Selection of 2 candidates
- Finalizing the R&D portfolio
- Active media presence



Outcomes of HUNOR

- Social acceptance and importance (STEM)
- Economic potential
- Stronger integration of higher education
- International recognition
- Emergence of new competencies
- Meeting the objectives of the Space Strategy



Hungarian Space Kaleidoscope

2023/24

- Published for the fourth time financed by MFAT
- Presenting the actors of the Hungarian space sector
- Available online in PDF format
 - www.space.kormany.hu



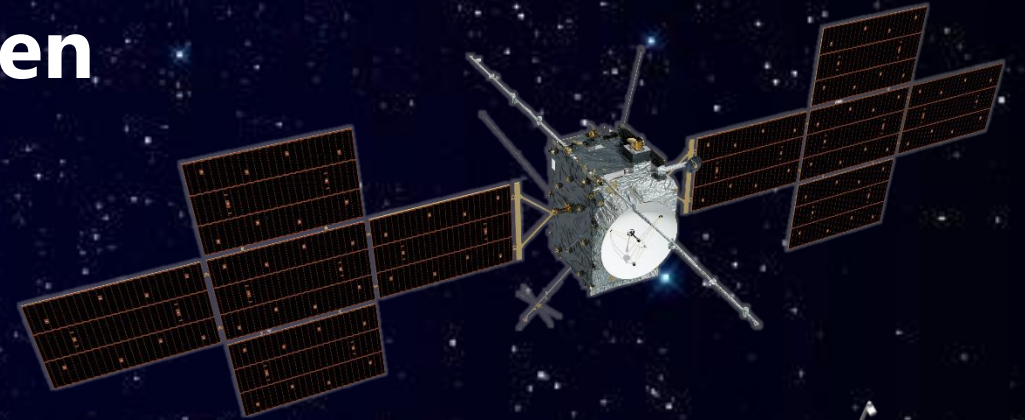
UNISPACE Programme

- Launched in 2022
- Consortium of 17 universities
 - Up to 21 in 2024
- Post graduate specialist training
 - Natural sciences
 - Engineering
 - Medical and health sciences
 - Social sciences
- First grade graduated in February
- Next start in autumn 2024 (English)



Hungary and ESA

- **Member since 2015**
 - **Projects before membership (eg. Rosetta)**
- **Hungarian contribution has been increasing**
 - **2024: 25,2 M€**
- **Priorities:**
 - **Human spaceflight**
 - **Close cooperation concerning HUNOR**
 - **Increasing geo-return**



Policy aims of Hungary in terms of EU Space

- **Increased efficiency in satellite-enabled applications**
- **Improving Europe's digital connectivity (Secure Connectivity)**
- **Improved crisis response**
- **Protecting the environment and fighting climate change**
- **Increased security**
- **Optimising regional exploitation of expertise – equalised share of resources in terms of EU space infrastructure**

HU Presidency in the EU

2nd half of 2024

- Space will be a focal issue and priority
- Critical issues on the agenda:
 - Implementing EU Space Strategy for Security and Defence
 - Development of EU Space Law
 - EU's role in the global „space race”
- COMPET Space formation chair: **Mr. Péter Szijjártó**
- Chairing the Space Working Party
- Approaching to take over
 - Space attaché accredited to Brussels

EU Space Law

- **The Commission aims to present the legislative proposal to the Council before the Hungarian presidency**
- **Three pillars:**
 - **Safety** → safe satellite traffic
 - **Resilience** → protection of EU and national space infrastructures and assets
 - **Sustainability** → long-term sustainability of space operations



**Thank you for
your kind attention!**

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