

HUNGARIAN SPACE ACTIVITY

SZÉCHENYI 



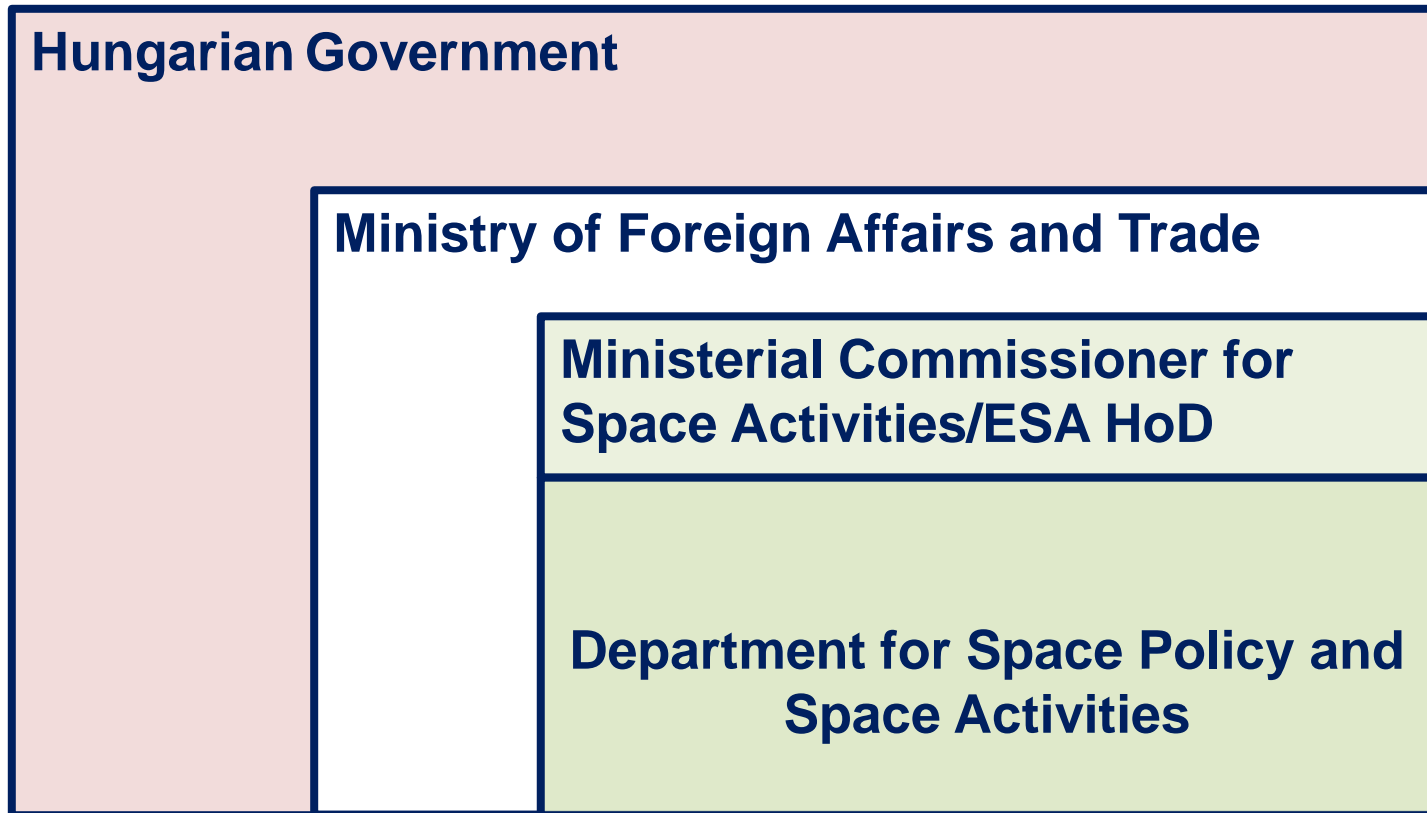
HUNGARIAN
GOVERNMENT

European Union
European Regional
Development Fund



INVESTING IN YOUR FUTURE

GOVERNMENTAL STRUCTURE



HUNGARIAN SPACE STRATEGY

The targets of Hungary's space strategy is in line with the Agenda 2025 strategy of the European Space Agency (ESA), the main objectives of the EU Space Program (2021-2027) and the economic development goals of the Hungarian government.

The space strategy sets out a complex set of objectives, the strategic objectives are as follows:

- Exploiting the potential in the space sector to foster innovation and sustainable growth of the economy as a whole
- Strengthening Hungary's international role, broadening its relations, and creating an organizational framework for coordination
- Knowledge-based social and economic conditions and the development of the infrastructural background essential for the prosperity of the space sector

FLAGSHIP PROJECTS OF THE HUNGARIAN SPACE STRATEGY

- **Hungarian project astronaut mission in 2024**
- **Commercial satellite**
- **Ground segment infrastructure**
- **Development of test facilities**

HUNGARIAN PROJECT ASTRONAUT MISSION



Hungary has the opportunity for the first time since 1980 to send a project astronaut to space (30 days)

- **Gain „space heritage”, which is a precondition for entering the global market**
- **Increase competitiveness and prestige of the Hungarian higher education institutions and research institutes**
- **Enhance Hungary's role in international space competition, creating a significant competitive advantage for Hungary**

HUNGARIAN SPACE INDUSTRY

**Hungarian Chamber of
Commerce and Industry
Space cluster**

HUNSPACE cluster

Space Terminal

**European Space Agency
Business Incubation Centre
in Budapest**

Herius Capital Space Fund



Hungarian Space Kaleidoscope

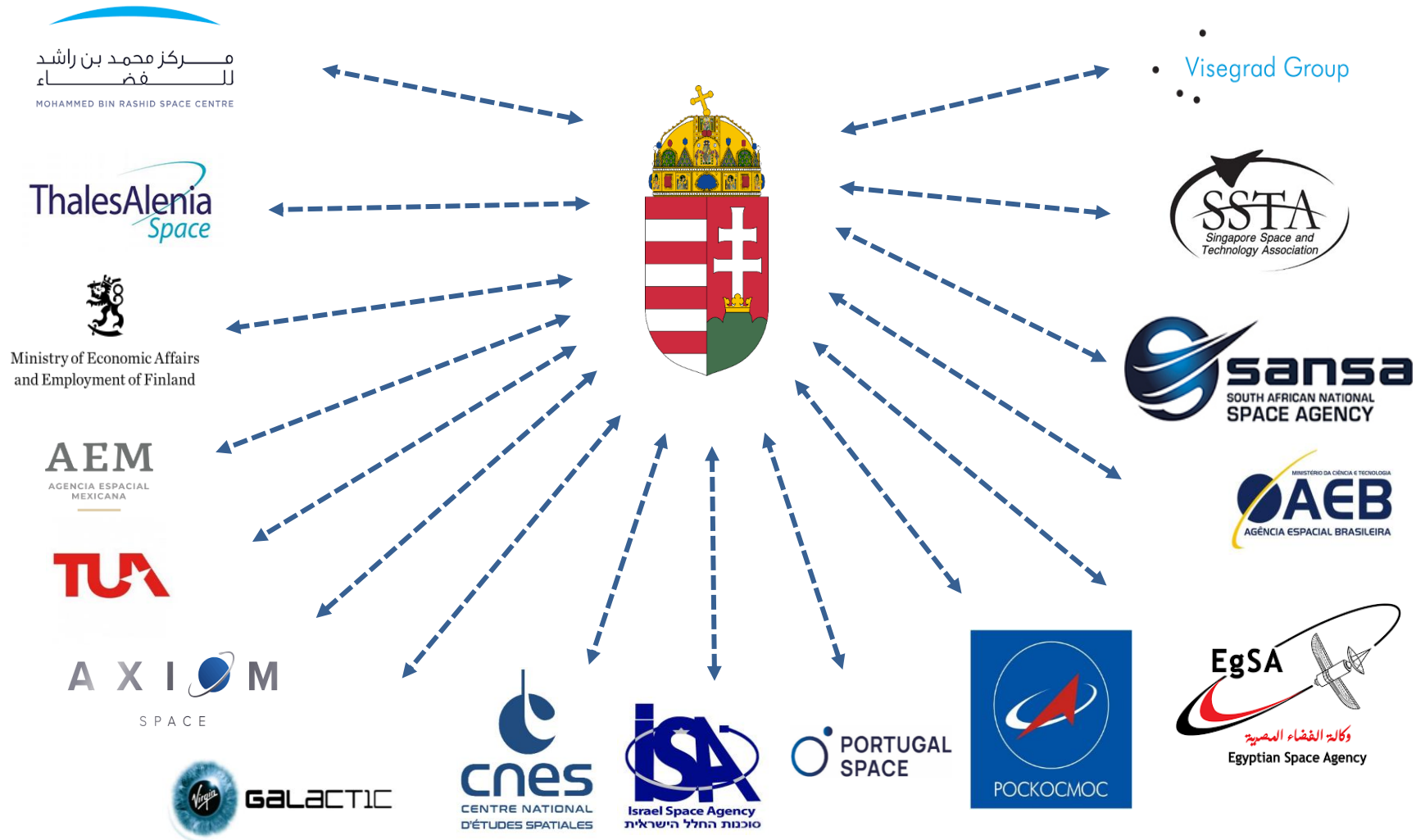
www.space.kormany.hu

UNISPACE PROGRAM



- **interdisciplinary advanced training program in space science**
- **Consortium of 17 Hungarian Universities**
- **Both in English and in Hungarian**
- **Criteria: BSc degree**

BILATERAL RELATIONS



HUNGARY IN ESA

ESA missions with Hungarian participation



soho
Facing the Sun

proba-2
Observing coronal dynamics
and solar eruptions



bepicolombo
Exploring Mercury

exomars
Europe's new era
of Mars exploration



juice
Studying Jupiter's
icy moons



cassini-huygens
Studying the Saturnian
system and landing on Titan

venus express
Studying Venus' atmosphere



mars express
Investigating the Red Planet



solar orbiter
The Sun up close



cluster
Measuring Earth's
magnetic shield



rosetta
Chasing and landing
on a comet



→ ESA'S FLEET IN THE SOLAR SYSTEM

The Solar System is a natural laboratory that allows scientists to explore the nature of the Sun, the planets and their moons, as well as comets and asteroids. ESA's missions have transformed our view of Mars, Venus, Titan and comets, and provided new insight into how the Sun interacts with Earth and its neighbours. The Solar System is the result of 4.6 billion years of formation and evolution. Studying how it appears now allows us to unlock the mysteries of its past and to predict how the various bodies will change in the future.

HUNGARY AND THE EU SPACE PROGRAM



 EGNOS User Support



 European
GNSS User
Support



GOVernmental
SATellite
COMmunications

- **EGNOS**
- **GALILEO**
- **Copernicus**
- **SSA**
- **STM**
- **GOVSATCOM**
- **Secure Connectivity**

**THANK YOU
FOR YOUR
ATTENTION!**

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