

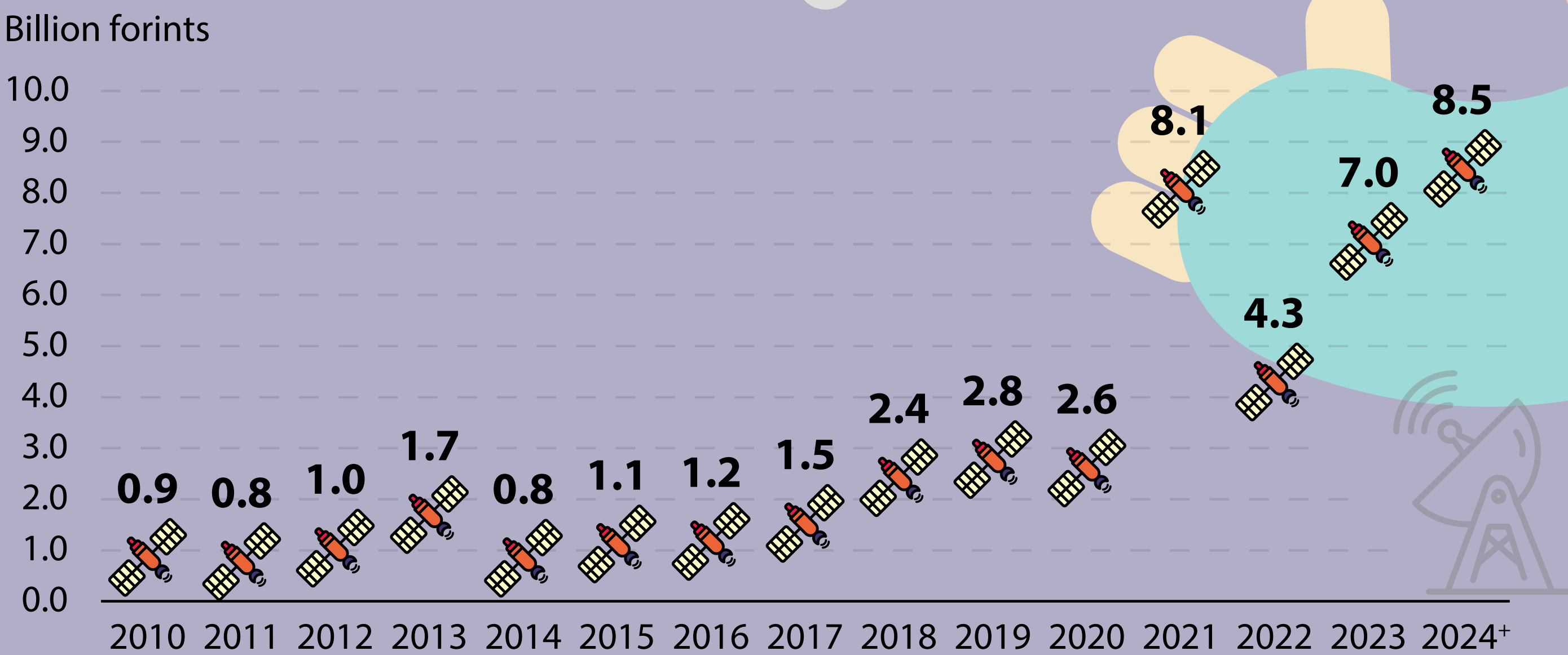
World Space Week

4–10 October 2025

'Everything is difficult for one and nothing is impossible for many.' – Tibor Kapu finished his first message sent from the space with the words of Count István Széchenyi.

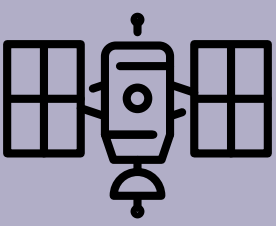
According to preliminary data for **2024**, the **amount of research and development expenditure on exploring and utilising space** was higher than ever before, **8.5 billion forints** in Hungary.

R&D expenditure aimed at exploring and utilising space*



* The exploration and the utilisation of space include the exploration and the scientific exploration of space not related to defence industry, as well as applied research programmes, propulsion systems, space laboratories and space research.
+ Preliminary datum.

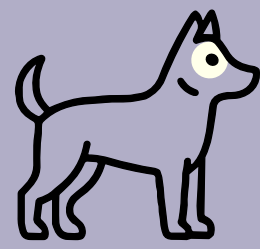
Milestones in space research:



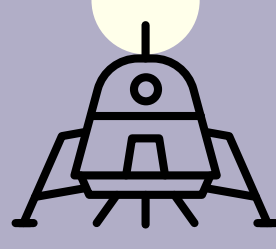
4 October 1957
First satellite: **Sputnik 1**



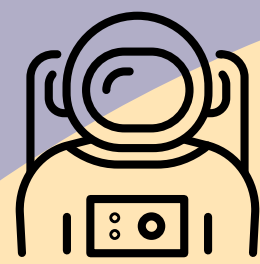
10 October 1967
Outer Space Treaty, which intended to regulate the activities of member states in outer space.



3 November 1957
Laika: first dog in space



20 July 1969
Neil **Armstrong** and Buzz **Aldrin** were the first humans who landed on the Moon.



12 April 1961
Yuri Alekseyevich **Gagarin** was the **first human** who orbited the Earth once.



Achievements due to space research: **smoke detector, GPS, memory foam, baby food, solar cell, hook-and-loop fastener**

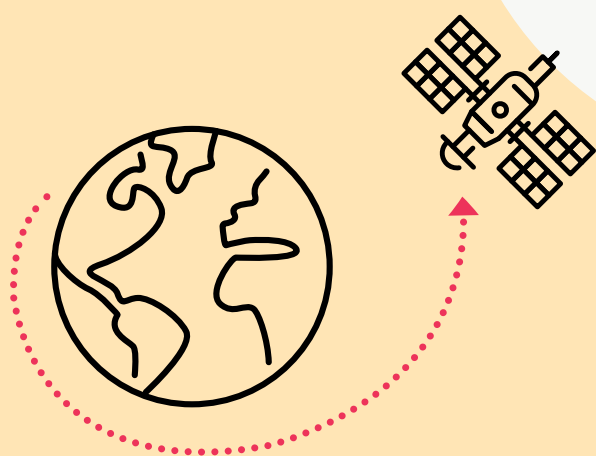
What we, Hungarians can be proud of:

26 May 1980
Bertalan Farkas was the first Hungarian to start his journey to space, on board the Soyuz 36 spacecraft.



25 June 2025
Launch of **Tibor Kapu**, the Dragon spacecraft headed for the International Space Station.

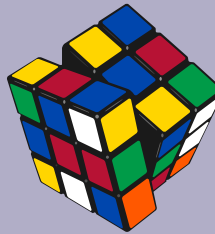
Tibor Kapu's space travel in numbers:



Selection process: **247** valid applications, **28 months**
The International Space Station **orbits** the Earth **at a speed of 28,000 km/hour** and **at an altitude of around 400 km.**
Length of journey: **28 hours**
Time spent in space: **20 days**
25/25 Hungarian scientific experiments

He is the **636th** to receive the astronaut wings badge. (**Officially, he is the 636th human that blasted off to space.**)

He is the **first Hungarian** who **solved the Rubik cube in space.**



He took up the same **TV Teddy** figure as the one that Bertalan Farkas did **45 years earlier.**