ROBINIA HUNGARY
HOLDING KFT.

SUPPORTER BROCHURE
2026



ROBINIASAT-1

A SATELLITE OF HUNGARIAN BLACK LOCUST

Research and development by a Hungarian family business.
Become a supporter through our Growth Ring Programme.

THE PROJECT

Why build a satellite from wood?

RobiniaSat-1 is a small satellite in CubeSat format whose structure we are developing from Hungarian black locust instead of aluminium.

THE PROBLEM

Metal satellites re-entering the atmosphere release aluminium oxide particles into the upper atmosphere.

THE APPROACH: DESIGN FOR DEMISE

A wooden structure is intended to burn up on re-entry, leaving far less residue than metal.

THE RESEARCH QUESTION

In 2024, the world's first wooden satellite reached orbit (magnolia, Kyoto University and Sumitomo Forestry). We are investigating whether denser, harder Hungarian black locust can serve as a structural material.



CONCEPT

DEVELOPMENT PHASE

TRL 1
Basic principles observed

TRL 2
Technology concept formulated

TRL 3
Experimental proof of concept

The project is at the research and development stage; our goal is to progress from TRL 1 to TRL 3. RobiniaSat-1 has not yet been built or launched.

PROGRESS SO FAR

Where the project stands

January 2026	Internal research and development started, funded entirely from our own resources. We became active members of the Hungarian–Japanese Economic Club.
February 2026	Professional consultation in Japan with Prof. Takao Doi (Kyoto University, former astronaut) and handover of black locust samples.
August 2026	We submitted our first proposal to ESA's Open Space Innovation Platform (OSIP); evaluation is pending. Two further projects are in preparation.
September 2026	Our registered activities were extended to air and spacecraft manufacture, space transport, engineering and natural-science R&D. Hungarian national television (TV2, Mokka) reported on the project.
Now	First samples are in progress with an industry partner.
ESA STAR	Robinia Hungary Holding Ltd. is registered as an independent entity in the European Space Agency's supplier system.

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DEC 2026
Tokyo

NEXT MILESTONE

Japanese-Hungarian Green Space Technology Seminar

Embassy of Hungary in Tokyo, 16:00–20:00 (Japan Standard Time). Opening remarks by the Ambassador of Hungary to Japan; keynote by Tamás Pásztory and Prof. Dr. Arnold Gucsik.

ESA registration and proposal submission do not imply ESA funding or endorsement.

SUPPORTER PROGRAMME

Growth Ring Programme

Since 2026, RobiniaSat-1 has been developed entirely from our own resources. Your support makes the next steps possible.

Material tests
testing Hungarian black locust as a structural material

Samples
black locust samples for the tests

First prototype
building the first structural-frame prototype

FOR CORPORATE SUPPORTERS

Orbit

To say thank you, we will contact your company personally. In a friendly conversation, we are happy to offer our network of contacts in Japan and our support, if you wish.

FROM €4,000

Forest

€650

Growth Ring level, plus a park tree planted in your name in the RobiniaSat Park in Dánszentmiklós. Your certificate shows the tree's number and planting year.

Growth Ring

€130

Seedling level, plus a digital supporter pack: a printable RobiniaSat-1 poster, wallpapers, and your name in the acknowledgements of the project's professional materials.

Seedling

€40

Numbered digital supporter certificate, your name on the website's supporter list (with your consent), annual progress report by email.



RobiniaSat Park, Dánszentmiklós

We are creating the RobiniaSat Park in Dánszentmiklós, where we plant a tree in the name of each Forest-level supporter. Alongside the four levels, you can support the development with any amount.

THE COMPANY BEHIND THE PROJECT

A Hungarian family business since 2011

Robinia Hungary Holding Ltd. is a 100% Hungarian-owned family business. Its founder and managing director, **Tamás Pásztory**, is a graduate forest engineer with 30 years of experience in forestry.

Black locust, from the forest to export, is our field. Now we are taking this knowledge into space research. Our three children grow up in the forest – the next generation is learning the trade with us.

> "With us, the company is the family – and the family lives in the company."



Forest & raw material

A 4.7-hectare family nursery, supervision of 2,500–3,000 hectares of forest, harvesting with partners under our coordination.

Wood expertise

Black locust processing in Dánszentmiklós. Our flagship: sapwood-free, sanded Robinia poles for playground manufacturers.

International B2B

90% of our wood products are exported; we have supplied customers in more than 30 countries.

Innovation

Patent-pending RFID log identification and the RobiniaSat-1 satellite development.

Forestry services: forest planning, silviculture, harvesting, timber trade, official and legal administration with partner law firms, contract processing, nature conservation.



Curved, sapwood-free Robinia pole



Processing at our site in Dánszentmiklós

THREE STEPS

How to support

1

Choose a supporter level, or decide on any amount you like.

2

Transfer your support to one of the accounts below, with the payment reference shown.

3

Send us a short email so that we can send you our thank-you.

Payment reference: **Támogatás RobiniaSat-1** (Hungarian for “Support RobiniaSat-1”)

Euro account (EUR)

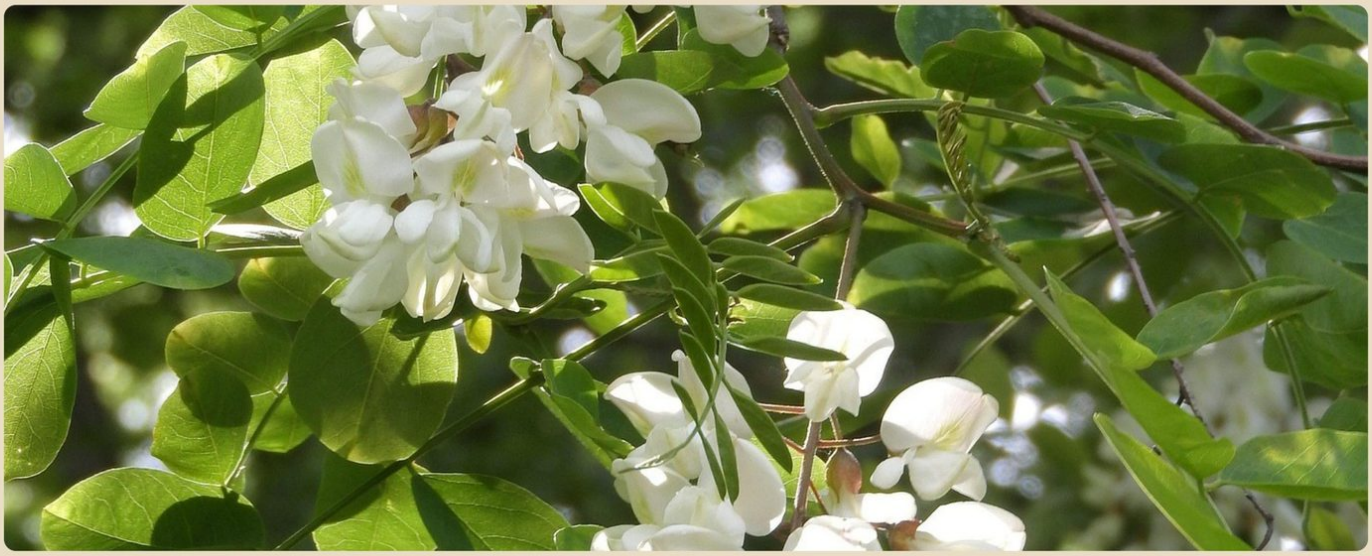
Account holder: Robinia Hungary Holding Kft.
Bank: BKS Bank, St. Veiter Ring 43, 9020 Klagenfurt, Austria
IBAN: AT70 1700 0001 3004 4220
SWIFT/BIC: BFKKAT2K

Forint account (HUF)

Account holder: Robinia Hungary Holding Kft.
Bank: Oberbank AG Hungarian Branch, Budapest
IBAN: HU91 1840 0010 1000 0231 1257 2530
SWIFT: OBKLHUHB

Support is a voluntary donation, not payment for a product or service, so no invoice is issued. The thank-you items listed for each level are given voluntarily.

Support is not an investment: it carries no equity, return or revenue share. The project is at the research stage (TRL 1–3), and support does not guarantee that the satellite will reach orbit.



Let’s talk about your support

Tamás Pásztory
Founder and Managing Director

Robinia Hungary Holding Ltd.
Dózsa György u. 176., 2735 Dánszentmiklós, Hungary

Email
info@robiniahungary.com

Phone · Viber · WhatsApp
+36 20 981 6425

The programme online
www.robiniahungary.com/#support