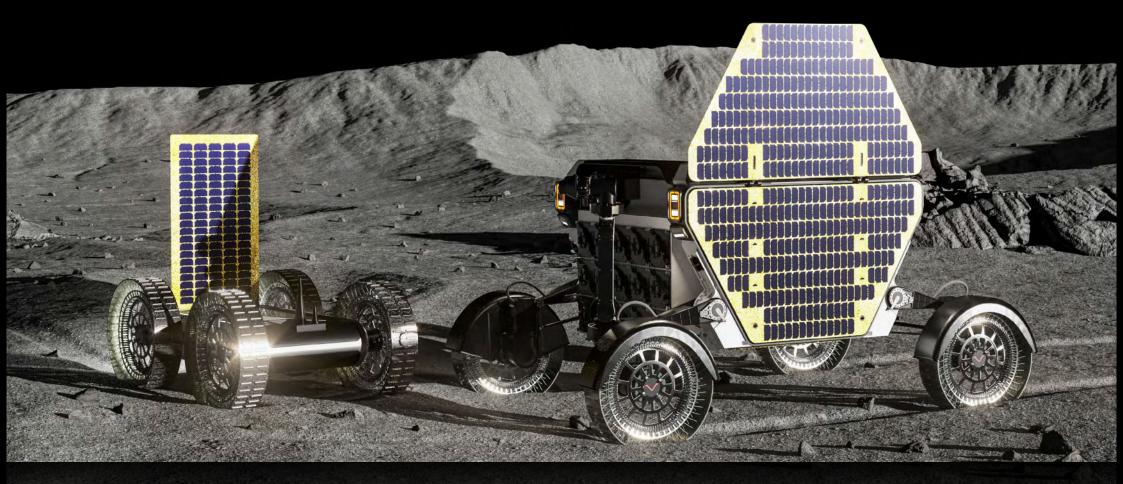
VENTURI SPACE



MEDIA KIT

WE'RE HARNESSING OUR EXPERTISE FOR SPACE RESEARCH, WHERE EXCELLENCE IS SIMPLY THE STANDARD.

| Gildo Pastor, President of Venturi Space and Venturi |

After two decades of innovation in terrestrial electric vehicles, Venturi's President Gildo Pastor has repositioned the firm in the space sector, aiming to forge new collaborations with NASA (and the ESA in a second phase).

The change of strategy ties in with NASA's Artemis programme that will see humanity return to the Moon in 2030, after the US space agency invited bids from contractors to design, manufacture, and operate a lunar terrain vehicle for transporting astronauts and equipment.

In 2024, NASA pre-selected the rover FLEX from the American company <u>Venturi</u> <u>Astrolab, Inc</u>. Its strategic partner, Venturi Space, is in charge of designing and manufacturing the wheels (in Switzerland), the batteries (in Monaco) and the battery management systems (in France).







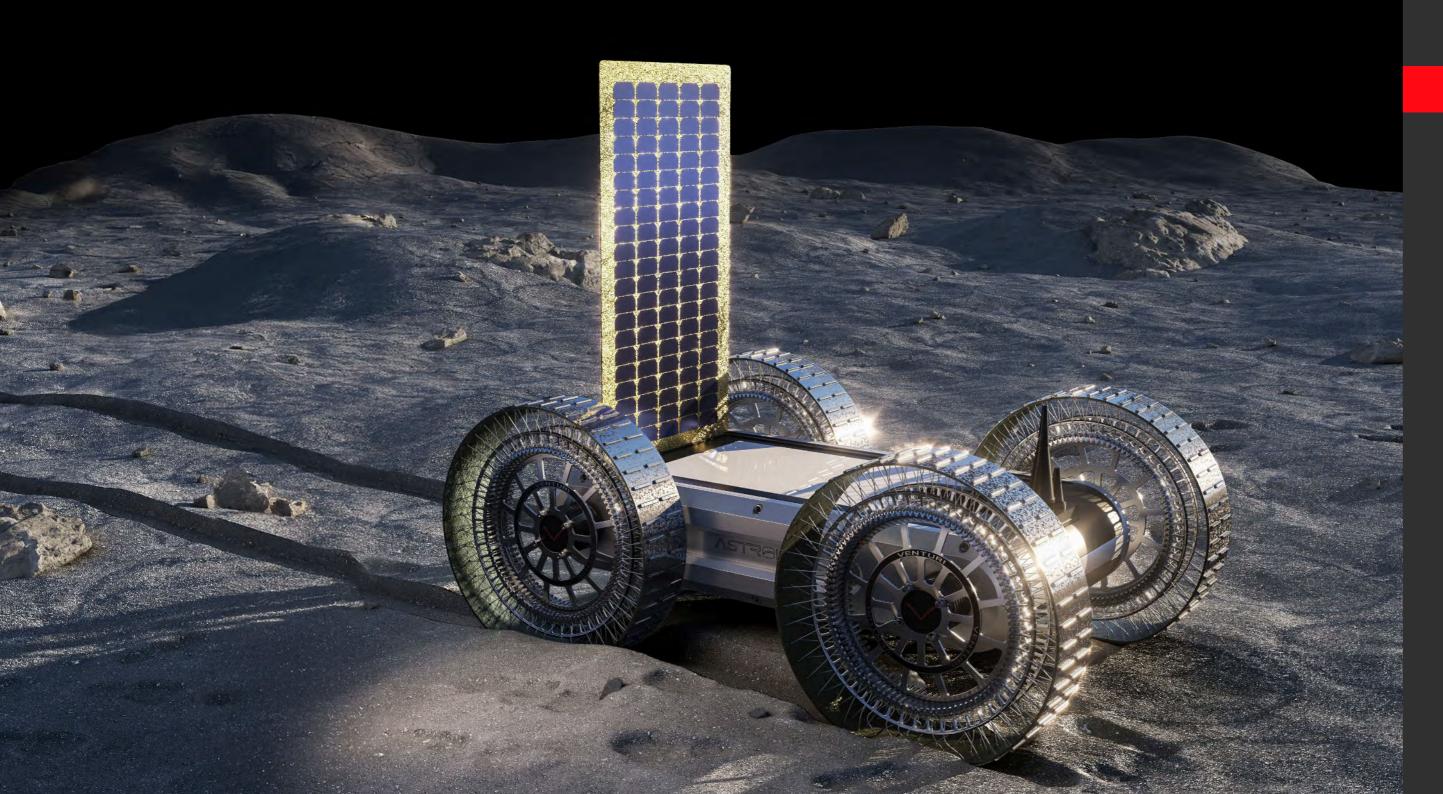
Mid-2027 with SpaceX

The astromobile, designed by <u>Sacha Lakic</u>, will be transported mid-2027 to the lunar South Pole by SpaceX. Controlled remotely from Earth, it will conduct scientific experiments and commercial activities.

In the meantime, NASA may select the vehicle. Consequently, from 2030 onwards, most of the rover's operational time would be devoted to missions for the US space agency. Outside these missions, the rover would carry on its activities for private purposes.







FLIP

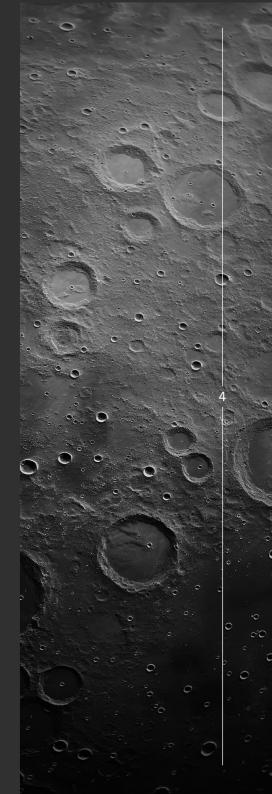
FLIP (Flex Lunar Innovation Platform)

The FLIP platform's mission is to validate, in real conditions, the innovative technologies developed by Venturi Astrolab and Venturi Space for its big brother FLEX, which is expected to be launched mid-2027.

Why design another rover?

FLIP, also designed by <u>Sacha Lakic</u>, is also structured to respond to the growing number of institutional, businesses and scientific organizations in the U.S. and European markets, that are seeking access to the Moon for smaller payloads.





WHEELS

WHY has Venturi reinvented the wheel?

Advanced technology wheels exist, but the engineers, chemists and physicists at Venturi Space Switzerland have designed a unique, hyper-deformable lunar wheel. Why develop this breakthrough technology based on unique materials?

TO ACCOMMODATE

numerous significant challenges.

Solutions used on vehicles for the Apollo lunar mission and Curiosity Mars rover are not suitable, nor are terrestrial pneumatic tyres.

HOW has Venturi reinvented the wheel?

To achieve this breakthrough, as important as the invention of the rubber, and later pneumatic rimmed tyre in the 19th century, the Swiss teams of Dr. Antonio Delfino developed a system that required the invention of new materials.





WHEEL CHALLE

Works without at

Puncture proof

ladiation resistar

Supports a weigh

Works in tempera

Durable for over

FLEX 2026 >	Apollo LRV MISSIONS 1971 > 1972	Curiosity 2011 >	TERRESTRIAL TYRE
~	\checkmark	\checkmark	×
✓	 ✓ 	 	×
✓	 	✓	×
✓	×	×	✓
✓	×	×	×
 ✓ 	×	×	✓
		2026 > MISSIONS	2026 > MISSIONS 2011 >

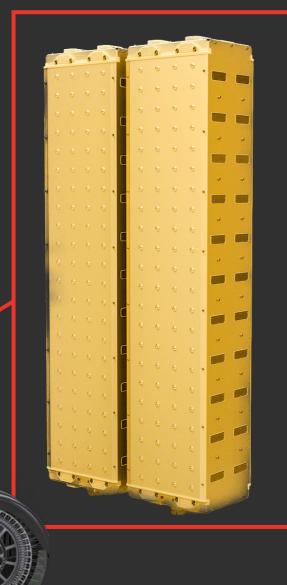
BATTERIES

The four batteries must be able to withstand extreme temperatures and intense solar radiation at the lunar South Pole.

NUMBER OF CELLS: 10,000

tests 10,000 cells and selects only the very best.

ROBUST: -240°C



SURGEPROTECTION: 4.2V

EXTERNAL SHORT-CIRCUIT PROTECTION: **OV**

BATTERY PACKS: 4



LUNAR MOBILITY BY VENTURI SPACE: EXCELLENCE TIMES INFINITY.

◎ in

VENTURI

PRESS CONTACT

Fabrice Brouwers Head of Communication +33 (0)6 40 61 00 80 fbrouwers@venturi.com

CONTACT

7, rue du Gabian 98 000 MONACO

+377 99 99 52 00 info@venturi.com

www.venturi.space

0