

Press Release

FOR IMMEDIATE RELEASE

Space Applications Services Expands Lunar Rover Development with New Commercial and ESA-Funded Missions

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Space Applications Services is significantly expanding its focus on lunar exploration with the launch of two new rover projects: LUVMI-M, a commercially driven lunar mobility solution, and LPSR, a logistics rover demonstrator awarded by ESA. Together, these initiatives reinforce the company's position as a key player in planetary mobility and robotics, serving both institutional and commercial markets.

LUVMI-M: A Commercial Lunar Mobility Solution

LUVMI-M is Space Applications Services' next-generation commercial lunar rover, designed to offer high flexibility for a range of missions. With a payload capacity of 30kg LUVMI-M is conceived to accommodate diverse payloads for scientific, commercial, and technological applications and take them to multiple lunar locations.

With its first mission targeted for Q4 2027 Space Applications Services will offer an end-to-end commercial service including mission control capabilities via its YAMCS mission control system, allowing customers to either be in the driving seat and manage operations on their own, or delegate the entire mission operations to Space Applications Services.

LPSR: Advancing Lunar Logistics for ESA

In parallel, **Space Applications Services was recently selected as prime contractor for ESA's Lunar Prospecting & Scouting Rover (LPSR)**, a flagship ESA programme that will strengthen European position in the lunar race. LPSR will derisk and demonstrate critical rover technologies to bridge the gap between small exploration rovers and large-scale logistics mobility required for a sustainable human presence on the Moon surface in the mid-2030s.

Scheduled for a mission in 2030, the LPSR will incorporate high-speed mobility, autonomy, and advanced energy management capabilities (lunar night survival), leveraging the company's expertise in lunar surface technologies and operations, developed through projects such as LUVMI, LUVMI-X, LUVMI-M, Alchemist, ECMS and ArgoNET.

Subcontractors include Magellium, CFMS, CGI, TNI, University of Nancy, The Exploration Company, SCSDK and Air Liquide.

A Growing Commitment to Lunar Exploration

By committing both in ESA-funded and independent commercial solutions, the company is positioning itself at the forefront of the evolving lunar economy, supporting government agencies, commercial entities, and scientific institutions in their lunar ambitions.

As lunar exploration and lunar economy become increasingly more tangible, Space Applications Services ambitions to play a leading role in the supply of the mobility infrastructure and services needed for sustainable and scalable operations on the Moon. With LUVMI-M and LPSR, the company is paving the way for a new era of out-of-this-world mobility.

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Space Applications Services is an independent Belgian company advancing space technology since 1987. With our partner company Aerospace Applications North America in Houston, we develop innovative systems, solutions, and services for aerospace, security, and related industries. Our expertise spans human and robotic spaceflight, spacecraft, launch and re-entry vehicles, control centers, and advanced information systems.

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