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Press Release

ispace and Magna Petra Corp. sign Payload Service Agreement to deliver NASA's MSOLO instrument to the Moon

- ispace-EUROPE and Magna Petra Corp. sign total amount of $22 million USD Payload Service Agreement (PSA) to carry NASA's MSOLO instrument to the lunar surface on the Mission 3 rover.

- The rover engineering and mission operations will be led by ispace-EUROPE in Luxembourg.

- The mission will provide Magna Petra with first-of-its-kind data on Helium-3 and other lunar volatiles, unlocking insights with potential for clean energy and quantum technologies.

Luxembourg – October 6, 2025 – ispace EUROPE S.A. (ispace-EUROPE), the Luxembourg-based subsidiary of ispace, inc., announced the execution of a Payload Services Agreement with Magna Petra Corp. – a lunar resources company engaged in the commercialisation of helium-3 isotopes from the lunar surface.

Under the Agreement, ispace-EUROPE will integrate a NASA-developed Mass Spectrometer Observing Lunar Operations (MSOLO) instrument into its upcoming Mission 3 lunar micro-rover platform as part of Magna Petra's Helium Availability of Lunar Origin (HALO) reconnaissance mission. The ispace-EUROPE micro-rover platform is being designed and manufactured in Luxembourg.

This collaboration represents a significant step forward for international lunar science and commercial partnerships, uniting NASA's proven instrumentation, Magna Petra's resource exploration mission, and ispace's larger vision for a resource-based lunar economy.

MSOLO is a flight-proven, compact mass spectrometer originally developed at NASA's Kennedy Space Center to measure volatiles, including rare isotopes such as helium-3, thought to be trapped in the Moon's regolith.

Thanks to the Cooperative Research and Development Agreement (CRADA) between Magna Petra and NASA's Kennedy Space Center, Magna Petra aims to validate its AI-driven "digital twin" models of lunar isotope distribution and density, furthering its mission together with ispace to establish a sustainable supply chain including sample return capability for helium-3 - a resource that has the potential to revolutionise fusion energy and provide critical cooling for quantum computing systems.

The engineering and mission operations of the micro-rover will be led by ispace-EUROPE in Luxembourg. Demonstrating their lunar surface operations flexibility, ispace-EUROPE engineers have adapted the micro-rover to accommodate MSOLO, while ensuring delivery of all

other payload objectives and will manage rover operations during the mission.

The Mission 3 rover will fly on ispace technologies U.S.' (ispace-U.S.) APEX 1.0. lunar lander enabling a cross-continental coordination between ispace-U.S.' and ispace-EUROPE's operations, bringing together customer partnerships and engineering expertise.

Elizabeth Kryst, CEO, ispace-U.S.: "We are thrilled to be partnered with Magna Petra to fly the MSOLO payload, developed by NASA on our Mission 3 rover. This showcases what is possible when industry, government agencies and other international partners come together. With this mission we are pushing the boundaries of exploration to unlock new opportunities for science and commercial discoveries."

Julien Lamamy, CEO, ispace-EUROPE: "At ispace, our mission has always been to enable new entrepreneurs to conduct business on the Moon and to help drive the development of the cislunar economy. This agreement with Magna Petra marks a major milestone toward that vision, paving the way for a Helium-3-based business model that harnesses lunar resources for the benefit of Earth."

Jeffrey Max, CEO, Magna Petra: "We are excited to by flying this historic lunar resource reconnaissance mission in collaboration with ispace. Lunar helium-3 is the key supply-chain element for a ubiquitous AI future…it generates zero radioactive waste in nuclear fusion reactors and is a critical refrigerant for use in commercial scale quantum computing. Our HALO reconnaissance missions are the first step toward establishing a reliable supply chain for this critical isotope."

Magna Petra and ispace are together paving the way for groundbreaking science and a stronger foundation for a sustainable lunar economy.

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About ispace-EUROPE
ispace-EUROPE, a lunar exploration and resource development company based in Luxembourg, focuses on the development of lunar rovers. It is responsible for the first-ever European designed, manufactured, and assembled lunar rover. With its world-class talent, robotics capabilities, and connections to the Luxembourg ecosystem, ispace-Europe is uniquely positioned to accelerate the creation of a lunar industry in Europe and serve the needs of the growing institutional and commercial customers.

About ispace, inc. (https://ispace-inc.com)
ispace, a global lunar resource development company with the vision, "Expand our planet. Expand our future.", specializes in designing and building lunar landers and rovers. ispace aims to extend the sphere of human life into space and create a sustainable world by providing high-frequency, low-cost transportation services to the Moon. The company has business entities in Japan, Luxembourg, and the United States with more than 300 employees worldwide. For more information, visit: www.ispace-inc.com and follow us on X: @ispace_inc.

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About Magna Petra Corp. (https://magnapetra.com)
Magna Petra Corp ("MP") is building the world's first 100-year helium-3 supply chain, securing the fuel that will power fusion, quantum computing, and national security for generations.
Earth holds only **tens of kilograms** of helium-3, a scarcity already constraining defense, medical imaging, and advanced technologies. In contrast, the Moon has accumulated vast reserves over billions of years of exposure to the solar wind. MP's patented **LunarPro™ extraction systems**, AI-driven isotope modeling, and NASA-heritage instrumentation enable non-destructive, energy-efficient recovery of helium-3 directly from the lunar regolith. With strong capitalization, experienced leadership and decades of space exploration heritage, MP is rapidly operationalizing lunar resource prospecting and collection.
MP is not just mining the Moon—it is guaranteeing the resources that will define the next century of human progress.

Contact Info:

Magna Petra
Jeffrey Max
Ph: +1 415-606-4969

ispace-EUROPE
ispace-europe@ispace-inc.com