LH3M
LUNAR HELIUM-3 MINING

LH3M NEWSLETTER

PATH TO THE MOON

Fifth New Patent Granted

We're thrilled to announce the recent granting of our fifth U.S. patent, strengthening our position as the leader in lunar helium-3 technologies. These innovations span subsurface heating, dust mitigation, and volatile capture—core to enabling clean fusion energy.
Dive into the full announcement

Featured in Payload Space

Lunar Helium-3 Mining, LLC was featured in Payload Space on July 8, 2025. The article highlights LH3M's end-to-end approach to detecting, extracting, and refining helium-3 directly on the lunar surface, and it reinforces LH3M's focus on minimally mechanical, dust-tolerant systems—an essential advantage given the Moon's abrasive regolith.
Read the full article on Payload Space

STRATEGIC PARTNERSHIPS & GRANT INITIATIVES

LH3M is actively engaged in multiple grant applications supporting both Earth-based simulation testing and future lunar-based missions. Memorandums of Understanding have already been signed, and additional MOUs are in negotiation—all focused on advancing helium-3–driven lunar mission development.
High-level discussions are underway with major aerospace companies to maintain LH3M at the tip of the spear—seeking strategic partners with the infrastructure capabilities needed to support this unprecedented lunar endeavor. More updates will follow in the coming months.

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LUNAR HELIUM-3 MINING

Conferences: Fusion, Space, Policy & More

In less than one year, LH3M has delivered more than a dozen podium presentations across leading global conferences—spanning fusion energy, quantum computing, space exploration, environmental sustainability, critical minerals, and public policy. No other organization has addressed this diverse set of sectors with a unified mission: enabling helium-3 extraction from the Moon to power Earth's future.

Our most recent presentation, titled "Lunar Helium-3 Mining: Technical Architecture for Fusion and Quantum Applications", was delivered at ISDC 2025 in Orlando.

Next up: ASCENDxSeries in Las Vegas, LH3M will present on July 22.

Catch full replays at www.LH3M.com/conferences

INVESTMENT UPDATE: ROUND 1 CLOSED, ROUND 2 COMING SOON

We are thrilled to share that Round 2 financing for Lunar Helium-3 Mining, LLC will be opening soon. Round 1 was completed on time, under budget, and with all milestones achieved—allowing us to expand our IP portfolio and build strong conference and strategic momentum.

Round 2 will support the continued development of our helium-3 extraction technology and may include select hardware builds and early-stage preparations for lunar mission activities. Discover how you can get involved. Email: invest@lh3m.com

WHO WE ARE

Lunar Helium-3 Mining (LH3M) is the only company solely focused on extracting helium-3 from the Moon—a critical step for the future of fusion energy and quantum computing. This rare isotope cannot be produced or mined on Earth at scale, and the U.S. supply is less than 10 kilograms and nearly depleted. The Moon is the only viable source.

Tritium-based fusion creates long-lived radioactive waste, while helium-3 enables clean, byproduct-free fusion. It is also essential to cool quantum computers; without it, stable systems at scale are impossible. If one nation secures helium-3 while others cannot, it could reshape global power in cyber warfare, finance, encryption, and AI.

LH3M is building the technology to mine helium-3 on the Moon and return it to Earth. With a projected $17 trillion market, this effort is the foundation of a sustainable lunar economy. LH3M is the tip of the spear—and future partners will be needed to support this bold vision.

Learn more at www.LH3M.com