LH3M
LUNAR HELIUM-3 MINING

LH3M
NEWSLETTER

PATH TO THE MOON

MAJOR MILESTONE: 8TH PATENT ISSUED

We are proud to announce a significant achievement for the LH3M team — the issuance of our 8th U.S. patent, marking another major step forward in our technology and innovation roadmap.

This patent strengthens LH3M's growing intellectual property portfolio and supports advanced noble gas separation and capture in extreme environments—critical capabilities for lunar resource extraction and processing. This milestone reflects the dedication, expertise, and momentum of our multidisciplinary team.

IN THE SPOTLIGHT

The Moon's Brightest Promise: Helium-3 and the Commercial Push to Mine Space

Lunar Helium-3 Mining was recently featured in an Astro-Politics article examining the Moon's growing role in future economic, political, and technological systems, with a focus on helium-3 and its commercial potential. Read the full article here for broader context on lunar strategy and governance:

READ MORE

January Live Series Announcement

This January, our free live series continues with a discussion comparing tritium and helium-3 as fusion fuels—asking whether helium-3 from the Moon could enable truly green fusion in a way tritium cannot. The discussion is crafted to be accessible to general audiences and fusion professionals alike.

Speakers:

- Dr. Rick Nebel — Plasma Physicist, Los Alamos National Laboratory
- Dr. Samuel A. Cohen — Fusion Physicist, Princeton University
- Dr. John Santaruis — Associate Director, Fusion Technology Institute at University of Wisconsin-Madison

REGISTER NOW

DECEMBER LIVE SERIES RECAP

In December, we successfully launched our live discussion series with over 200 registered participants, reflecting strong global interest in lunar helium-3 and its commercial potential. The session explored how space initiatives can transition from cost centers into sustainable, revenue-generating systems.

You can watch the full session here:

Watch Now