

From Chandrayaan 3 to an Indian on the Moon



– Jatan Mehta
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India Space Congress 2024



*Author,
Moon Monday*



The world's only newsletter dedicated to covering lunar exploration updates from around the globe.

*Globally published
space writer*

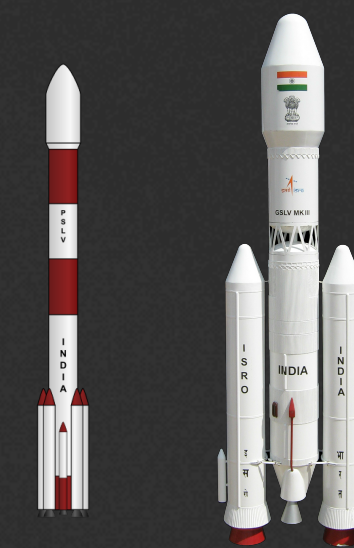


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SCAN ME

*Author, Indian
Space Progress*



A monthly report on Indian space—from space technology, launch & exploration to astrophysics & planetary science to commercial & policy developments and more.

Chandrayaan 4, a precursor to sending humans to Luna, and a direct look at the Moon's past

1 Returner module launched onboard PSLV

2 Chandrayaan-4 composite spacecraft launched by LVM3

Ascender Unit
Lander
Return Vehicle
Service Module

Docking & Sample transfer

Returner module

Lunar Docking & Sample transfer

Ascender module

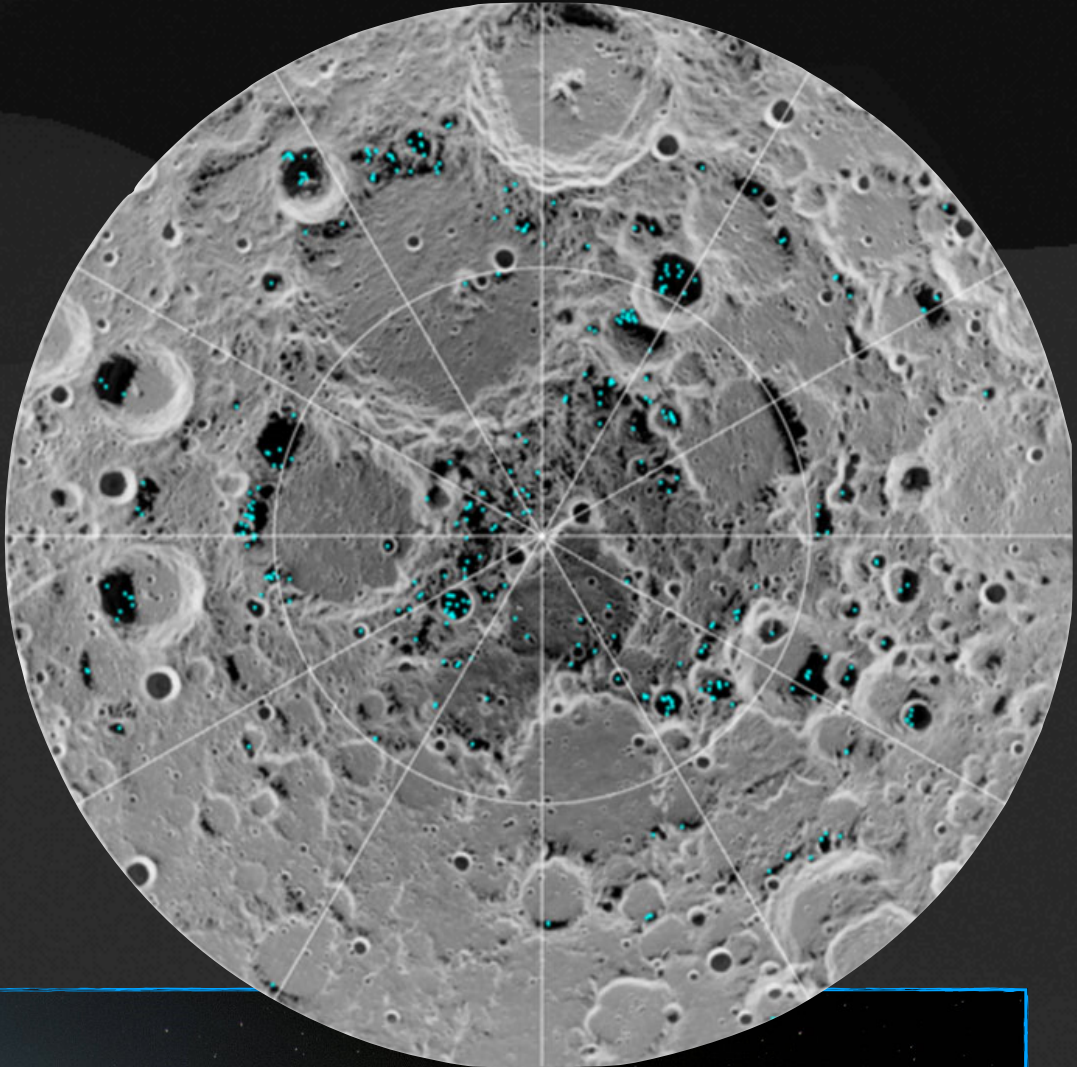
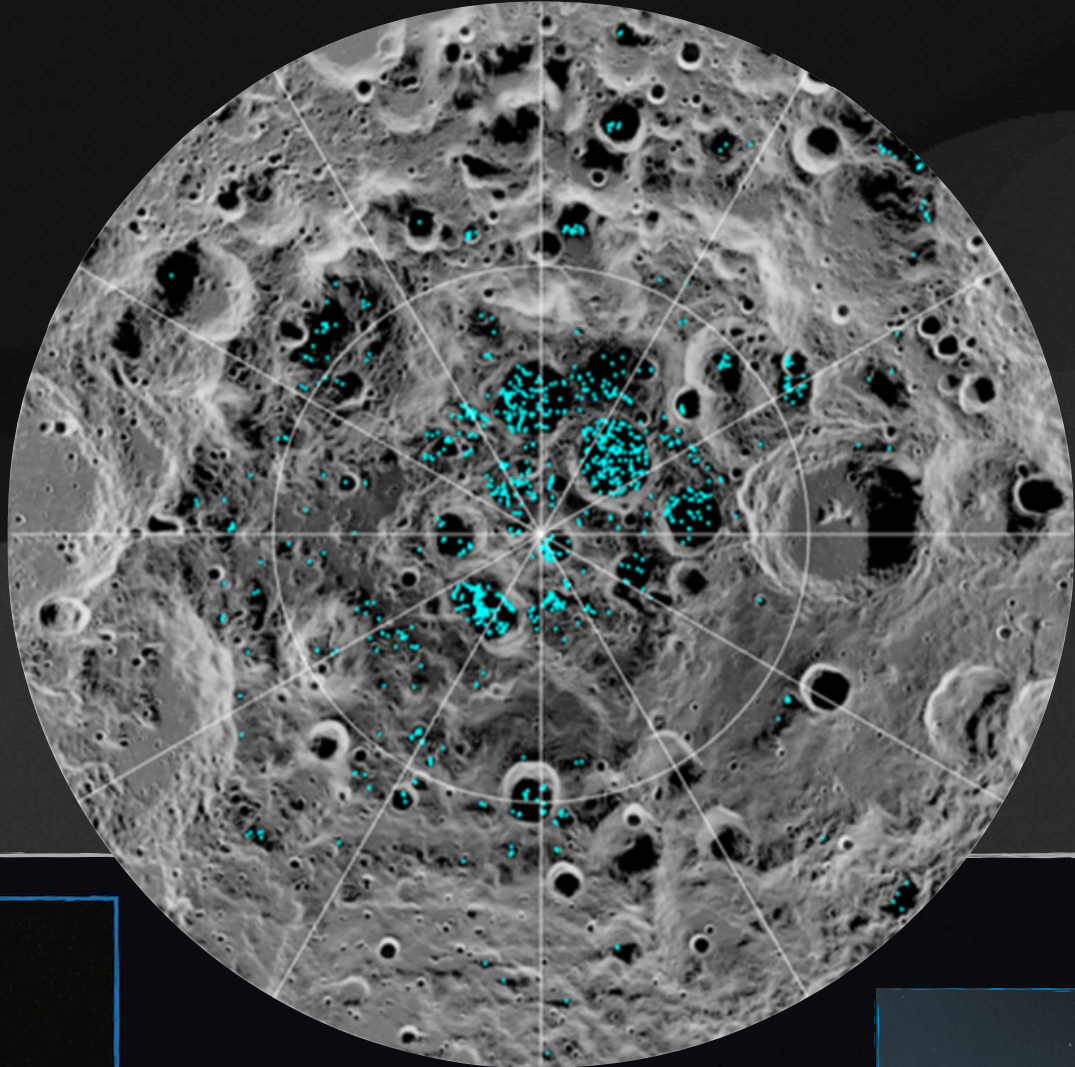
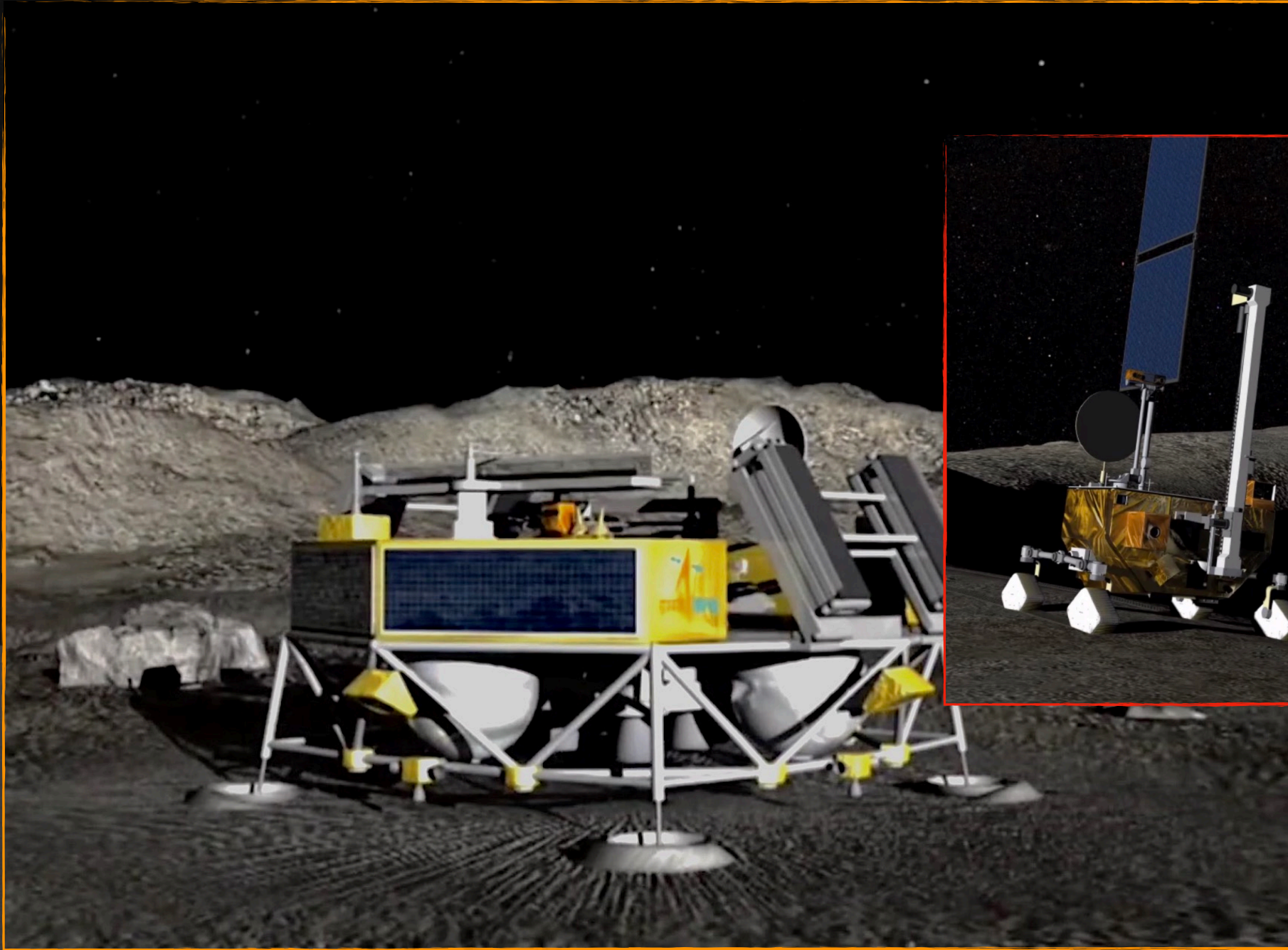
Capsule re-entry

Technology elements

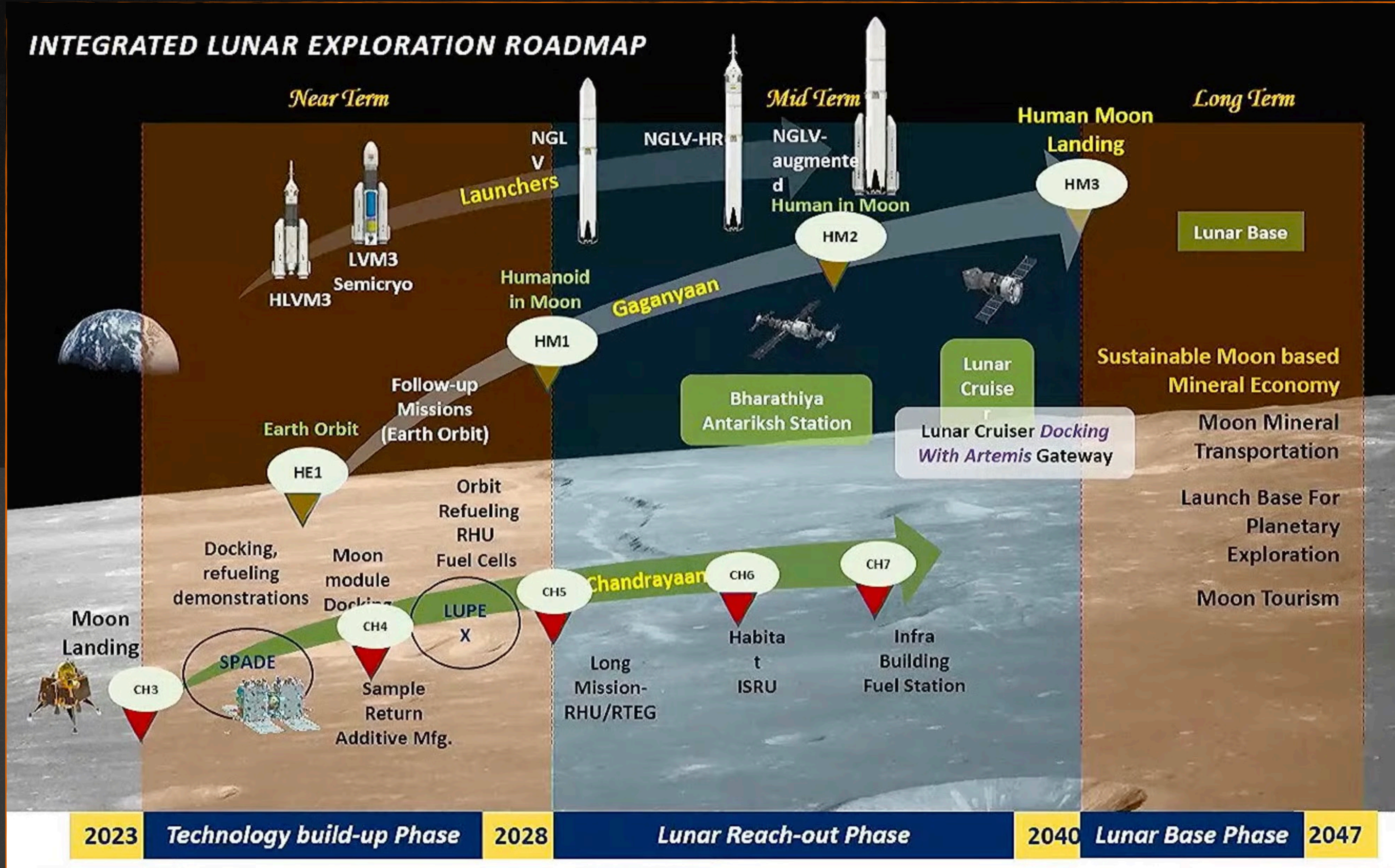
- Lunar Sampler (Robotic Arm)
- Ascender module
- Docking in Lunar / Earth Orbits
- Sample transfer
- Return & re-entry

International collaboration

LUPEX, Artemis, and beyond.

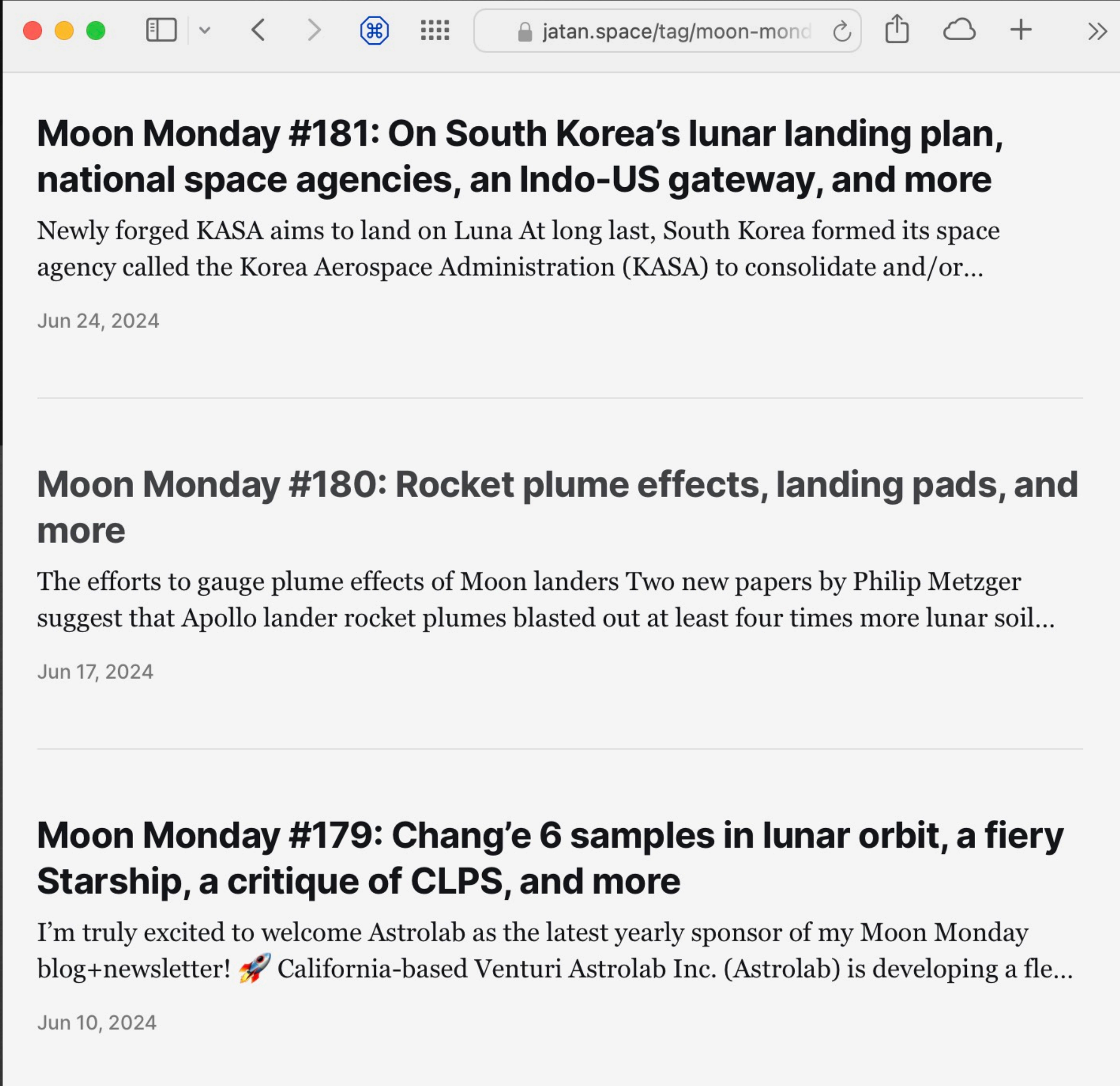


A notional roadmap tying to the announcement of sending an Indian to Luna



Too much is happening even for people in the space industry to catch up!

That's why I publish the Moon Monday newsletter



The screenshot shows a web browser with the URL `jatan.space/tag/moon-mond`. It displays three articles from the Moon Monday newsletter:

- Moon Monday #181: On South Korea's lunar landing plan, national space agencies, an Indo-US gateway, and more**
Newly forged KASA aims to land on Luna At long last, South Korea formed its space agency called the Korea Aerospace Administration (KASA) to consolidate and/or...
Jun 24, 2024
- Moon Monday #180: Rocket plume effects, landing pads, and more**
The efforts to gauge plume effects of Moon landers Two new papers by Philip Metzger suggest that Apollo lander rocket plumes blasted out at least four times more lunar soil...
Jun 17, 2024
- Moon Monday #179: Chang'e 6 samples in lunar orbit, a fiery Starship, a critique of CLPS, and more**
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