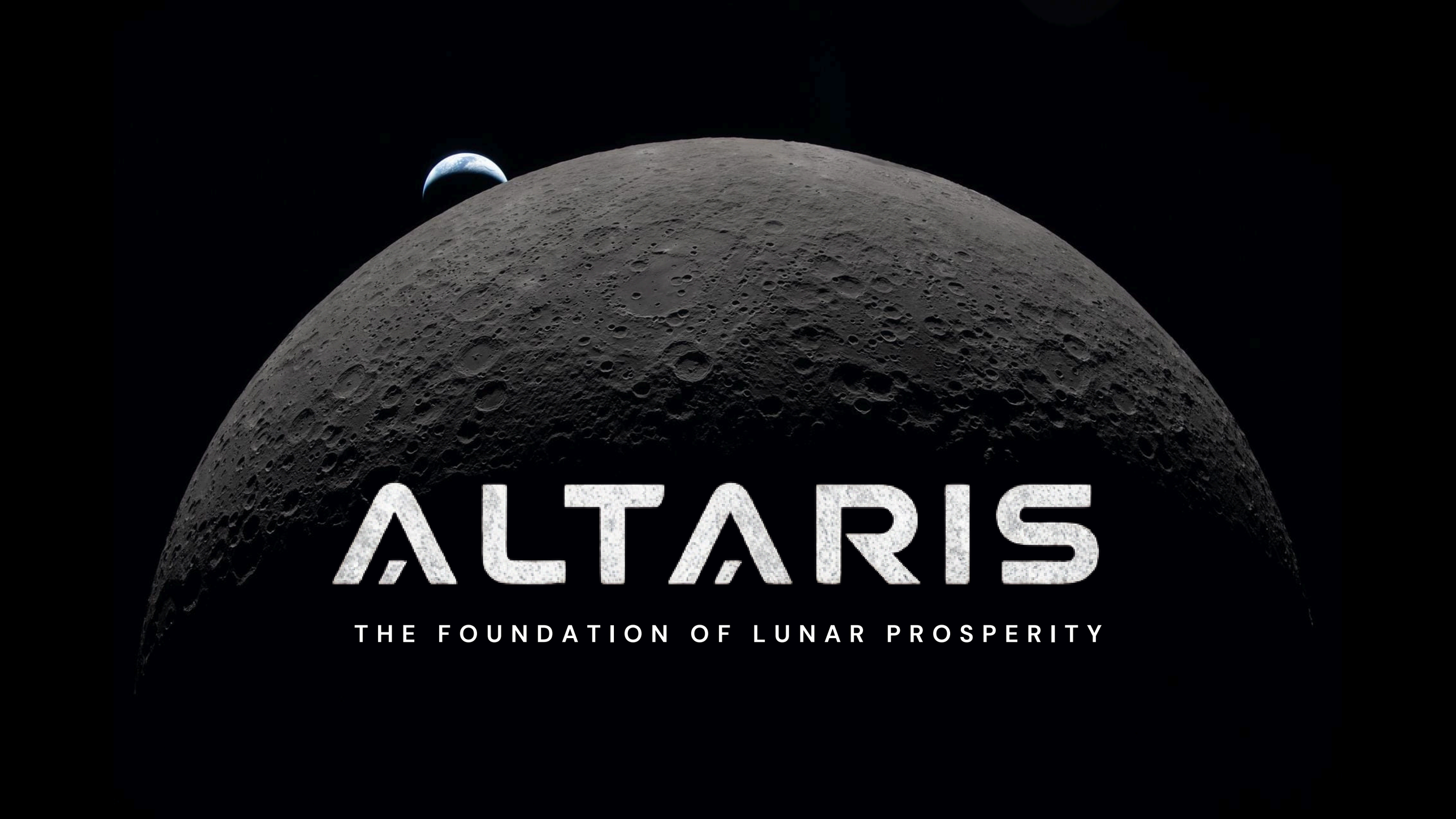

ALTARIS
THE FOUNDATION OF LUNAR PROSPERITY

FOUNDING TEAM & LEADERSHIP

Our team understands the realities of designing for the Moon.

BLUE ORIGIN

LOCKHEED MARTIN



Ethan Rozak

Founder & CEO



BLUE ORIGIN

NASA

Smead Aerospace
UNIVERSITY OF COLORADO **BOULDER**

Brendon Bourgea

Founder & COO

WE EMPHASIZE OPEN, COLLABORATIVE ENGINEERING WHERE ANY IDEA CAN WIN, WITH CLEAR OWNERSHIP ONCE A DIRECTION IS SET. THAT BALANCE IS ANCHORED BY TECHNICAL LEADERSHIP SHAPED AT BLUE ORIGIN, NASA, AND LOCKHEED MARTIN: DECISIVE UNDER PRESSURE, AMBITIOUS ABOUT WHAT'S POSSIBLE.

OUR RETURN TO THE MOON IS HAPPENING TODAY

SYSTEMS

- TRANSPORTATION
- AUTONOMY & ROBOTICS
- LOGISTICS
- COMMUNICATIONS & POSITIONING, NAVIGATION, AND TIMING
- HABITATION
- POWER
- MOBILITY



PHASE 01

NOW - 2029

SECURE RELIABLE ACCESS TO LUNAR SURFACE AND EXPERIMENT

PHASE 02

2029 - 2032

ESTABLISH INITIAL MOON BASE OPERATING CAPABILITY

PHASE 03

2032 - BEYOND

ACHIEVE SEMI-PERMANENT CREW PRESENCE

PROGRESSION

LAUNCHES

- 25
- 27
- 29

LANDINGS

- 21
- 24
- 28

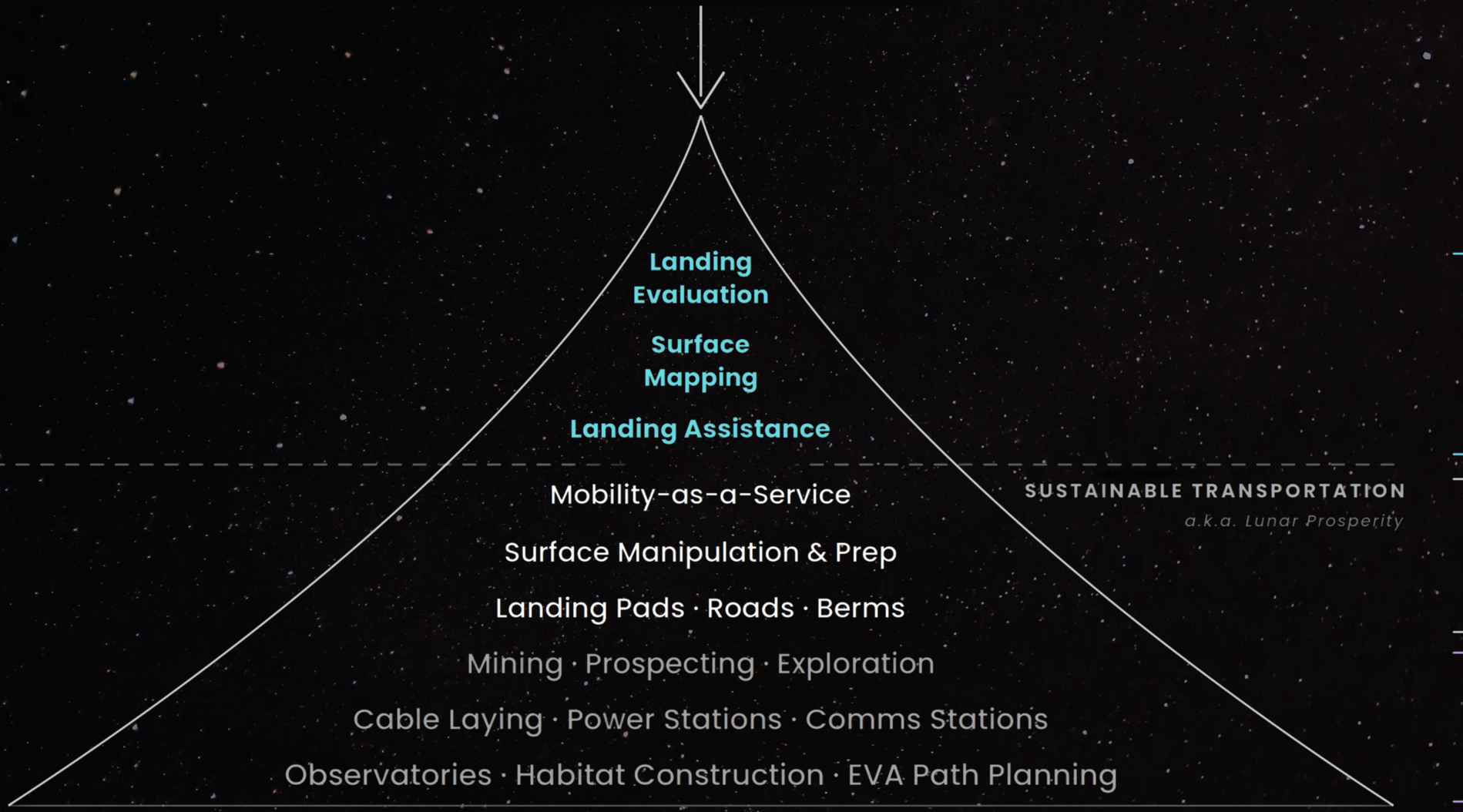
CARGO TO SURFACE

- ~4,000 KG
- ~60,000 KG
- ~150,000 KG

NASA'S PLAN NEEDS INFRASTRUCTURE TO ESTABLISH PERMANENCE & PROSPERITY

SPEARHEADING LUNAR PROSPERITY

RELIABLE LANDINGS ARE THE FIRST STEP AND THE FIRST GAP INFRASTRUCTURE CAN FILL



ENTER
Data and landing services
Scout

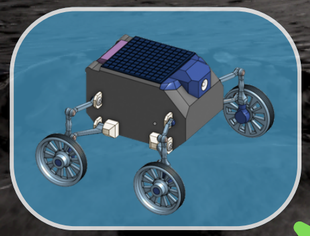
EXPAND
Surface prep and construction
Condition · Construct

LEAD
Lunar economy infrastructure
Future offerings

EVERY OFFERING BUILDS ON THE SAME SWARM; THE POINT OF ENTRY WIDENS INTO THE WHOLE MARKET

SWARM ROBOTICS IS THE ONLY WAY TO DEPLOY INFRASTRUCTURE AT SCALE

POWERED BY UNREAL ENGINE



1

SWARM OF ROBOTS DEPLOY TOGETHER

2

BUILD A SHARED MAP & PROVIDE GUIDANCE ASSIST

3

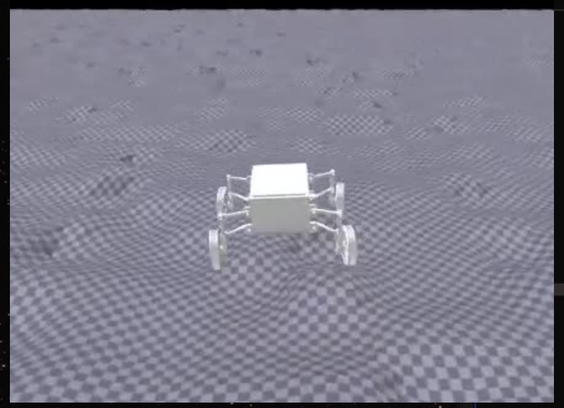
THE RESULT: A LANDING ZONE THAT'S NO LONGER A GUESS

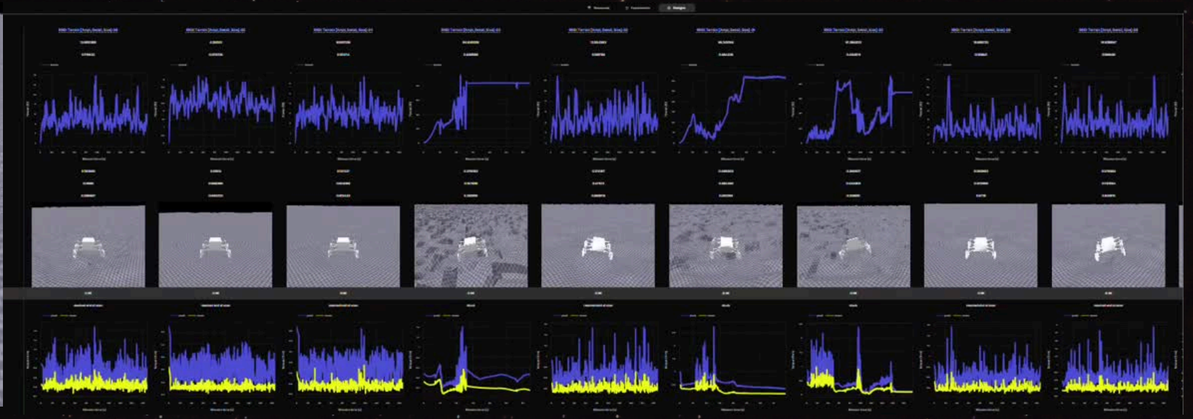
THE FIRST STEP IN INFRASTRUCTURE IS INFORMATION: THE GROUND TRUTH NON-EXISTENT TODAY.

FIRST PRODUCT: SCOUT

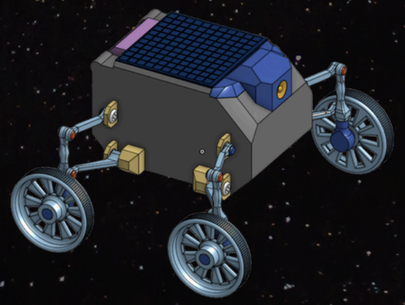
Generative AI Analysis

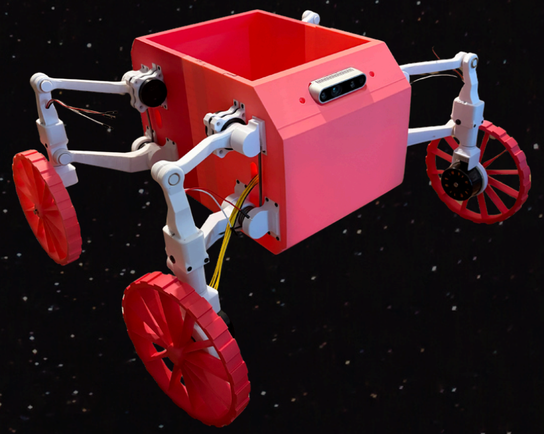
GENERATIVE

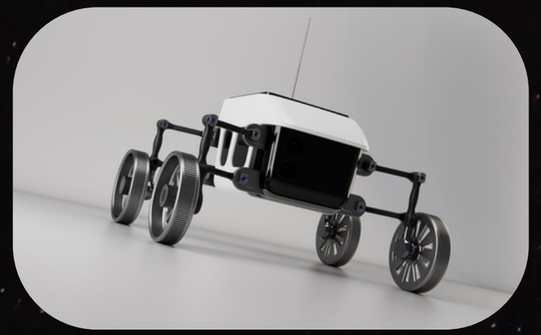




Scout Prototype







Converging Breakthroughs

ADVANCEMENT OF PHYSICAL AI



CV Models

Sim Training

SPACE-RATED COMPUTE



Rad-Tolerant

Extreme Efficency

ADVANCED MANUFACTURING



High Strength

Rapid Delivery

ALTARIS WILL COMBINE PHSYICAL AI WITH SWARM TECH TO WIN THE NEXT SPACE RACE

BUSINESS MODEL

END-TO-END COST AND REVENUE MAP FROM EARTH DEVELOPMENT TO A REUSABLE LANDING PAD



EARTH AND TRANSIT COSTS

0 COST — Swarm development

Earth-side NRE: hardware builds, test, and personnel. Scales with vertical integration of components.

1 COST — Mission operations

Integration with the payload lander, plus comms time to uplink and downlink during the mission.

2 COST — Launch

Launch cost per rocket to deployment, for example $63M per SpaceX launch.

3 COST — CLPS transfer

Transfer vehicle cost to deliver Altaris products to the Moon.

LUNAR SURFACE REVENUE

4 REVENUE — Inspection data

For unassisted landings: inspection, PSI results, and health of craft.

5 REVENUE — Prospecting data

Path planning, surface and shadowed-area scans, imagery, points of interest.

6 REVENUE — Site intelligence

Terrain maps, with Scouts on site to guide customer landing accuracy.

7 REVENUE — Surface prep

Contracts to fill, move, and excavate ahead of construction.

8 REVENUE — Pad construction

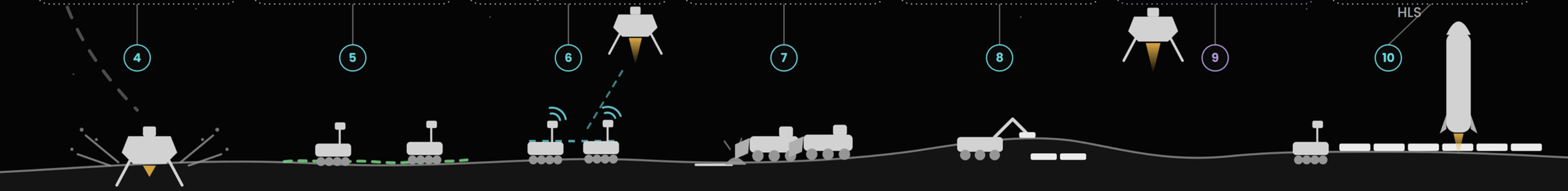
Build the landing pad and deliver a finished product.

9 COST — Tile delivery

Tiles ride across missions; mirrors 2 and 3 for construction materials.

10 REVENUE — Pad usage fees

Customers pay a fraction of contract price to use our infrastructure.



Unassisted CLPS landing deploys the system

Scout prospecting, verified traversal paths

Scouts guide customer landing

Condition rovers grading the site

Construct rover laying tiles

CLPS tile delivery

Pad deployed, verified by Scouts

THE PATH TO OUR NEXT MILESTONE

Build Team

Terrestrial scout build & validation

Hire Autonomy and Product leads

Long-lead Hardware Procurement

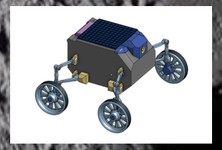
Reserve rideshare to the Moon

Manufacturing & Test Equipment

Verify Swarm

Scout functionality
TRL 4 → TRL 6

1. Build 3 Scout Agents



2. Demo Coordinated Decisions



3. Train mapping & Data Collection



Mission Eligible

Contract-ready, Series A kickoff

NASA Science (Sub)Contracts

CLPS Commercial Landing Assistance

NASA Moonbase Infrastructure

Mobility-as-a-Service


RAISING $5M SEED ROUND
TO COMPLETE MISSION-READY SWARM
THE FOUNDATION OF LUNAR PROSPERITY
ALTARIS
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erozak@altarisspace.com