

**ASTROBOTIC**

LEAG 2015

DAN HENDRICKSON,  
DIRECTOR OF BUSINESS DEVELOPMENT



RESOURCE DEVELOPMENT

---

IMPEDIMENTS:  
COST & ACCESS

---

# RESOURCE DEVELOPMENT

---

## NEW DYNAMICS:

- COMMERCIAL SERVICE APPROACHES
  - NEW INVOLVEMENT
  - PUBLIC PRIVATE PARTNERSHIPS
-



# PROBLEM: LUNAR MISSIONS TODAY

WHAT ABOUT  
EVERYONE ELSE?



**\$300  
Million**

**In-country  
capability &  
infrastructure**

**Politics**



# **SOLUTION:** **ASTROBOTIC** **LUNAR** **SERVICE**

**LETS EVERYONE INTO  
THE LUNAR CLUB**

**ONLY**  
**\$1.2**  
**Million/kg**

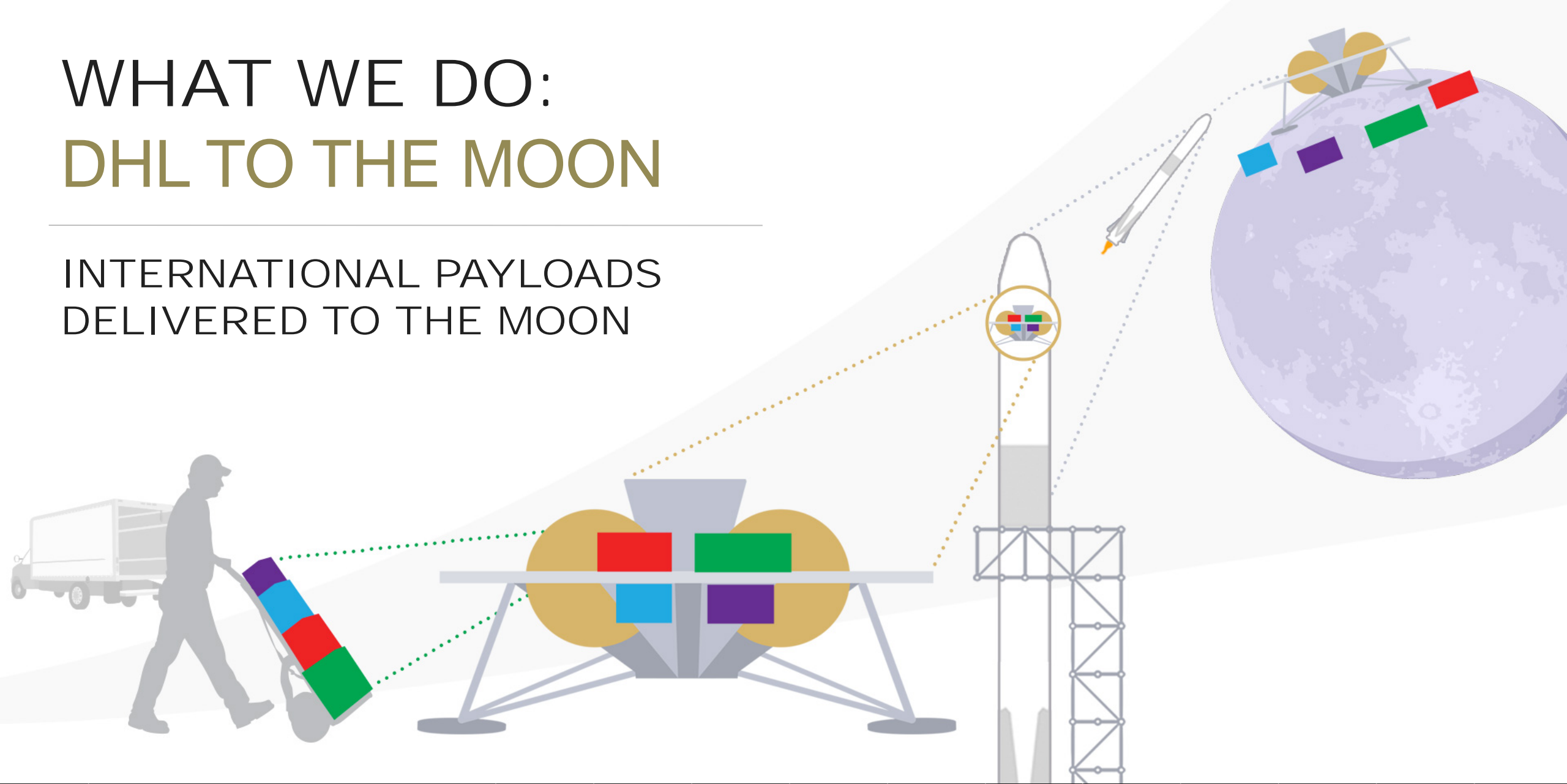
**Ability to build  
payload**

**Less politics**



# WHAT WE DO: DHL TO THE MOON

INTERNATIONAL PAYLOADS  
DELIVERED TO THE MOON





# WHAT WE DO



DHL  
TO THE MOON



UTILITIES  
ON THE MOON

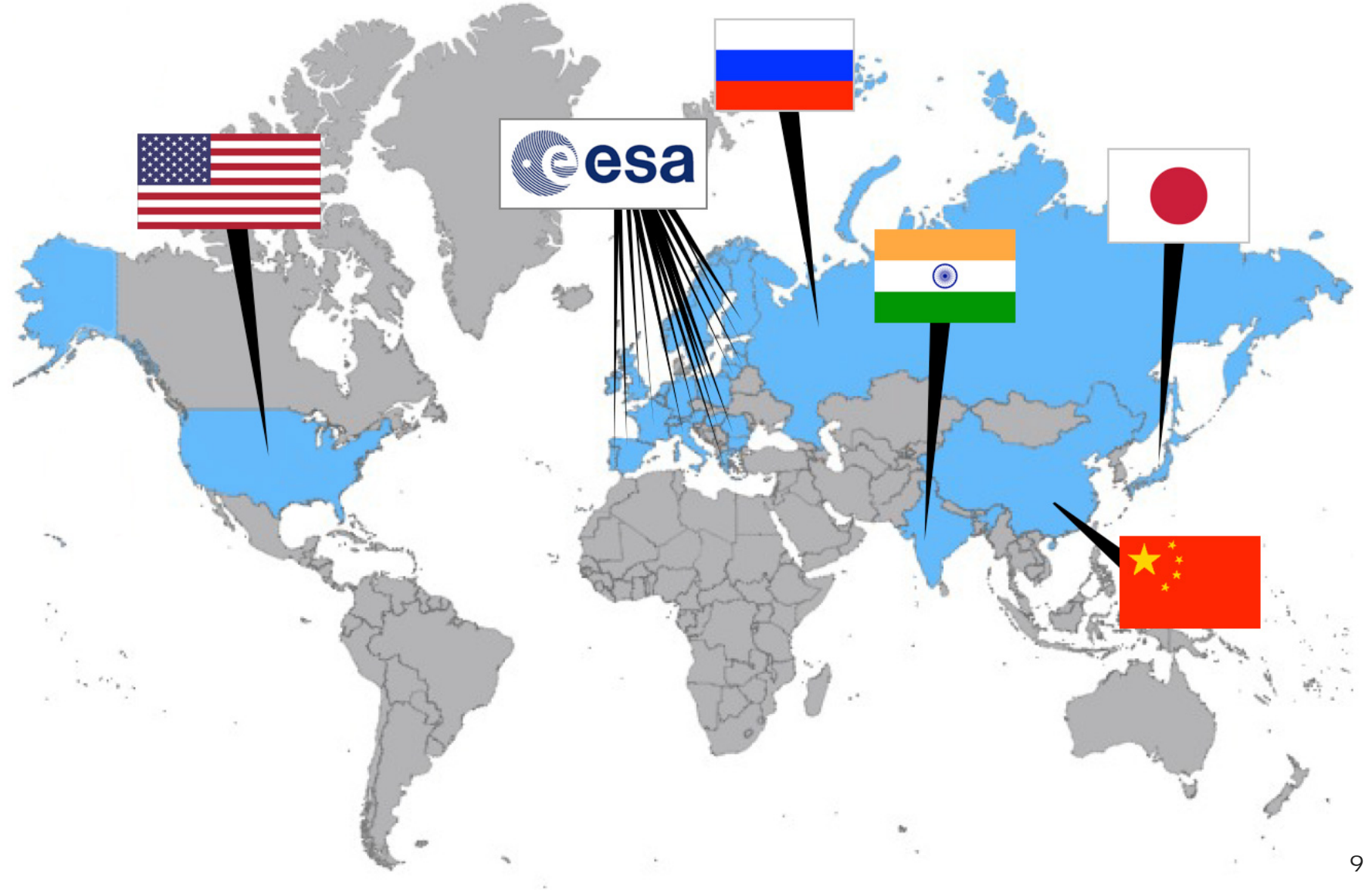


## LUNAR SERVICE

PROVIDES DELIVERY TO THE MOON  
+ POWER & COMMUNICATION

# OPENING THE MOON TO THE WORLD

VERTICALLY  
INTEGRATED  
SPACE  
AGENCIES





# OPENING THE MOON TO THE WORLD

NEW  
INVOLVEMENT  
FROM  
SPACE  
AGENCIES



# MODEL FOR PAYLOADS

PAYLOAD  
RESERVATION  
SIGNED

RFP ISSUED

RFP WINNER  
FUNDED FOR FLIGHT  
& DEVELOPMENT



PROPOSALS SPANNED

GEOPHYSICS  
MOON QUAKES  
SOIL COMPOSITION  
SOLAR RADIATION  
BIOLOGY

# MARKET TRACTION: MANIFEST

GLXP



CELESTIS



LUNAR MISSION ONE



AEM



HAKUTO



MOONMAIL



ASTROSCALE



ELYSIUM





# PUBLIC-PRIVATE PARTNERSHIPS

---

21 NASA PAST AND  
ONGOING  
CONTRACTS

---

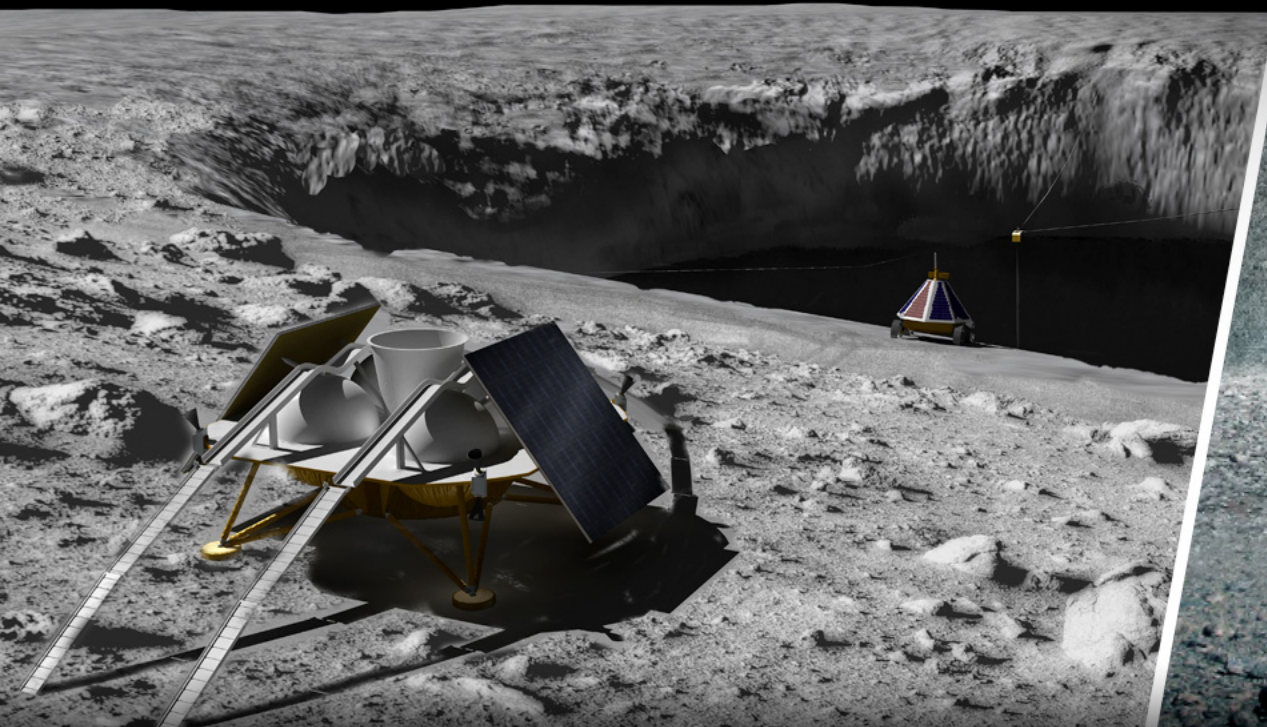
SELECTED AS NASA  
LUNAR CATALYST  
PARTNER



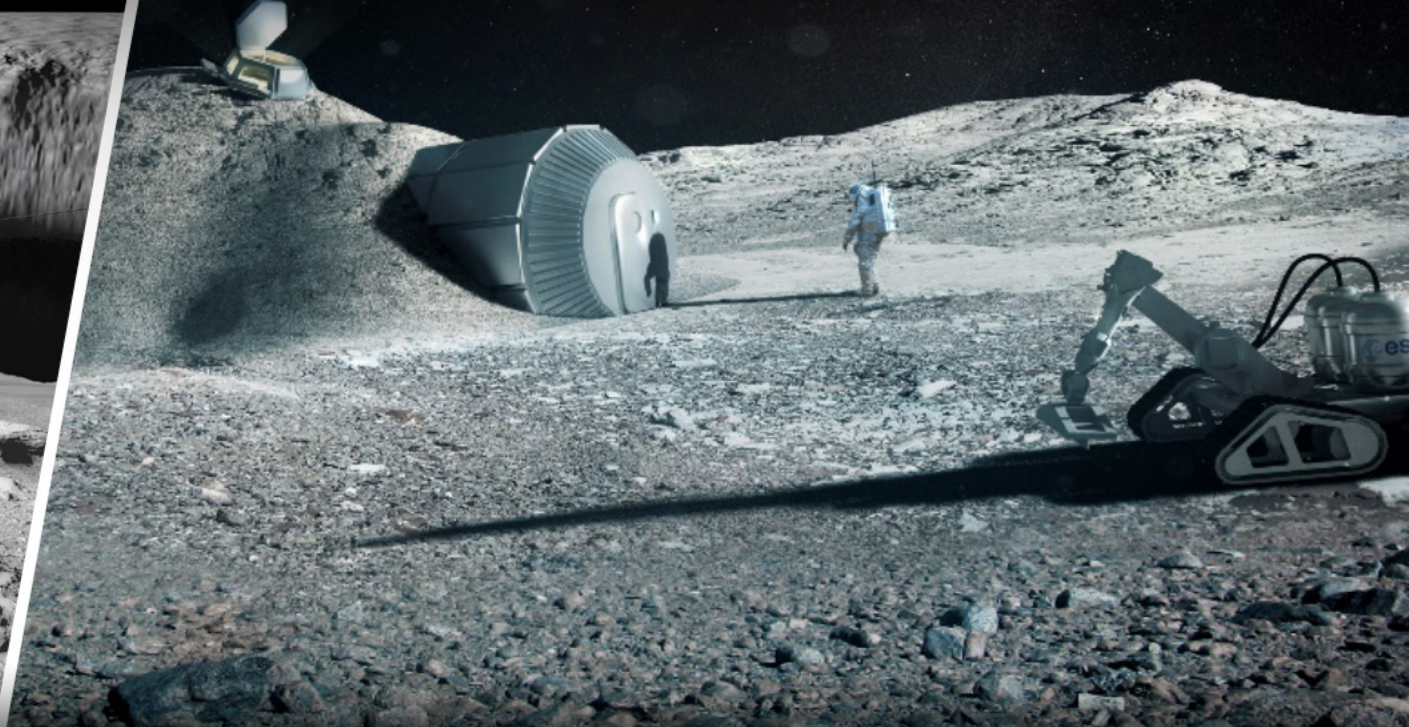
# LONG-TERM VISION

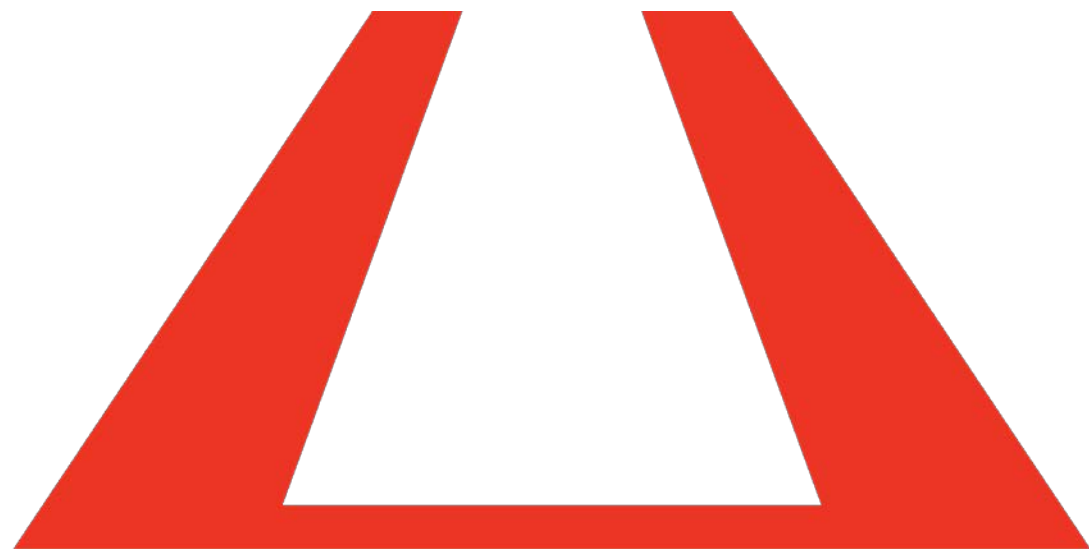


MEDIUM FREQUENCY:  
Robotic cargo and missions



HIGH FREQUENCY:  
Cargo to lunar infrastructure





**ASTROBOTIC**

THANK YOU!