

LUNR Aerospace was founded to address a national market gap:

Canada remains the only G7 country without independent orbital launch capability.

Our mission is to become Canada's first orbital -class launch provider—developing scalable, reliable, and efficient rockets and AI-optimized infrastructure for global commercial, scientific, and government missions.

How LUNR Fills The Gap

Enabling Independent Launch Capability

Building **Canada's first** orbital-class rocket providing sovereign launch access for government & commercial missions.

CANADIAN LAUNCH



LUNR is more than a commercial launch company - we are building critical national infrastructure for the future of Canadian space access.

▶ Enabling Canadian payloads to launch from Canadian soil

▶ Supporting national security & reshoring goals unlocking a domestic launch economy within a \$5.5B+ space sector

Key Differentiators

LUNR Stands Alone



Global From Day One

Potential client pipeline spans **5 continents**, not just North America.



Sovereign Infrastructure

One of **Canada's only orbital-class rocket platforms**.



Domestic Manufacturing & High-Payload Design

Simpler engineering = **faster** builds and **reduced cost/kg**.



Focus on Underserved Markets

Active engagement with Africa, LATAM, Southeast Asia, and Eastern Europe.

Our hybrid advantage: sovereign capability + global access.





Market opportunity

From Niche Demand to National & Global Scale

SHORT - TERM

2025 - 2029

**\$2-3
Billion**

in addressable small satellite launch demand.*

0.5-1% market share

LUNR targets 0.5-1% market share (~\$25M-\$50M/year) via ride-share and regional contracts.

LONG - TERM

2029 - 2030

\$40B+ global market

including infrastructure and lunar services.

Targeting 2-3% share

(~\$800M-\$1.2B) through scale, reusability, and vertical expansion.

Proprietary Technology

Smarter Rockets Through AI-Empowered Design

LUNR's engineering stack integrates proprietary AI modules that optimize rocket performance and reduce cost per mission.



Trajectory Optimization Module

Models efficient orbital paths based on physics inputs



Structural Optimization Model

Optimizes structure and material use



Computer Vision

AI scans flight-worn hardware for defects, damage, and wear

These systems will scale with every mission & deliver compounding performance gains.

Strategic Advisors & Key Team Members

Hon. Tony Clement

Former Federal Cabinet Minister

Dr. James Orbinski

Officer of the Order of Canada & Principal of Massey College (UofT)

Jason Harlow

UofT Physics Professor

Paul Arora

Chief Executive Officer

Jeanue Chung

President

William Hickey

Propulsion Engineer

Will Dodge

Design & Manufacturing Engineer

Pranav Parakala

Propulsion & Aerodynamics Engineer

Mustafa Ali Khan

Avionics