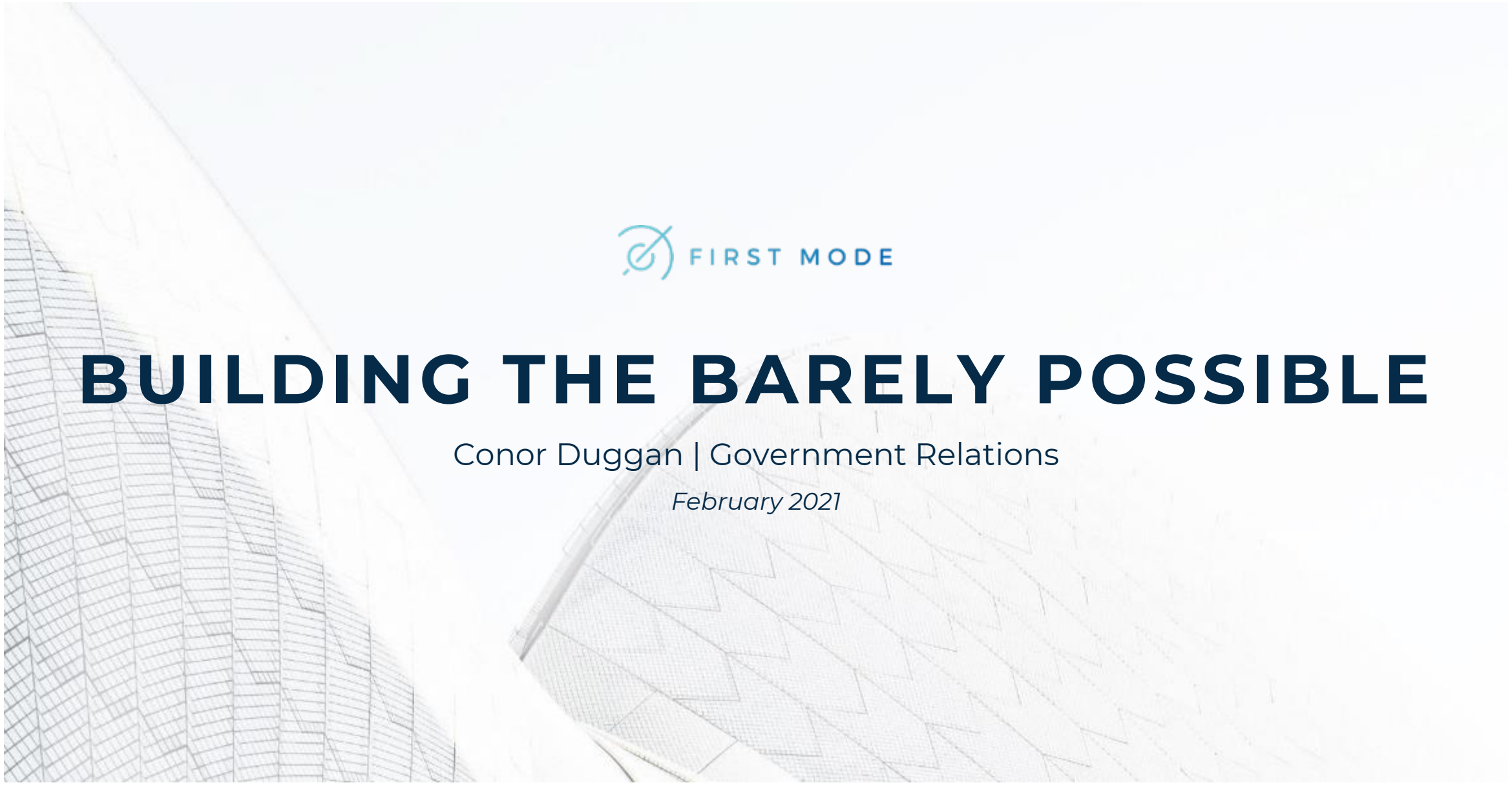


BUILDING THE BARELY POSSIBLE

Conor Duggan | Government Relations

February 2021



ABOUT

First Mode develops complex and custom solutions to problems that have not been solved before, including in the space, natural resources, sustainability, and robotics sector.

Together with our clients, we create new and innovative technologies that improve the lives of people around the globe and push our exploration deep into the solar system.

With facilities in Seattle and Perth, we're regularly Building the Barely Possible.

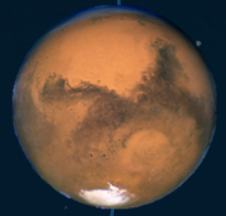
FIRST MODE

TAKING WASHINGTON ACROSS THE SOLAR SYSTEM...

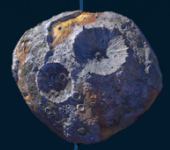




MOON
Artemis Program
Launching 2025



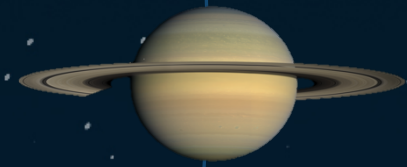
MARS
NASA's Mars Perseverance Rover
Landing February



ASTEROID BELT
NASA'S Psyche Mission
Launching July, 2022



JUPITER
NASA's Europa Clipper Mission
Launching 2024



SATURN
APL'S Dragonfly Mission to Titan
Launching April, 2026

FIRST MODE

...IMPROVING LIFE HERE ON EARTH...

EARTH

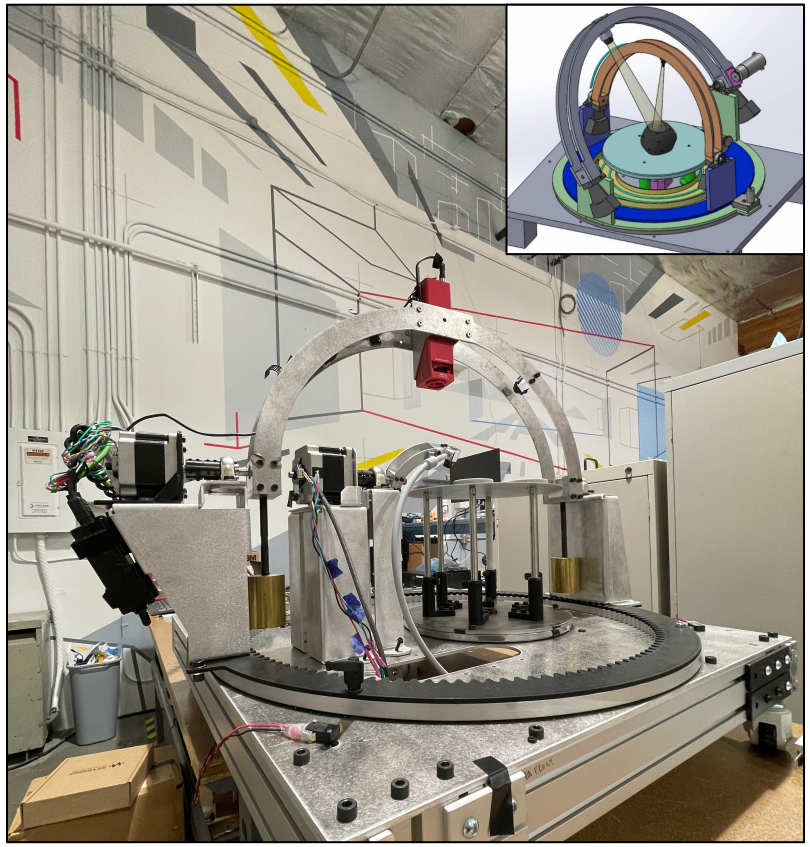
Anglo American's Hydrogen Powered Mining Fleet

Prototype Deploy in June



FIRST MODE

...AND INVESTING IN WASHINGTON STATE







1 **Partnership with WWU and NASA on Mars instrument**

2 **Washington's only high-power hydrogen testing facilities**

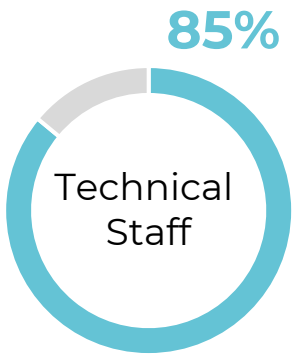
3 **Internal R&D on conversion of DOT ferry fleet to hydrogen**

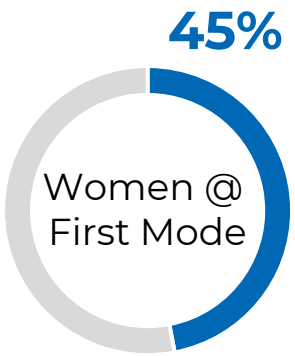
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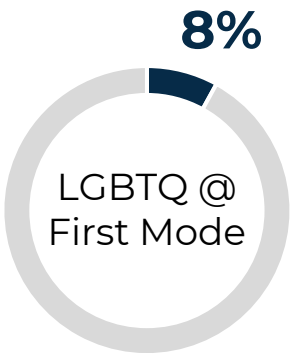
COMPANY HISTORY

400%

Headcount growth over the past 24 months







TYPICAL SUBJECT MATTER

- Robotics & Automation
- Electrification
- Energy Systems
- Hydrogen Systems
- Sampling & Sample Preparation
- Sensor Development
- Mechatronics
- Additive Manufacturing
- Thermal Management
- Data Science & Application
- Mobility System Design

OUR CUSTOMERS

JPL Jet Propulsion Laboratory California Institute of Technology

NASA

Western Washington University

AngloAmerican

FMG Fortescue The New Force in Iron Ore

BYRNECUT

Woodside

Blue Origin

GOMSPACE

APL Johns Hopkins Applied Physics Laboratory

ASU Arizona State University

BHP

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