

THE VISION



Why are we here?

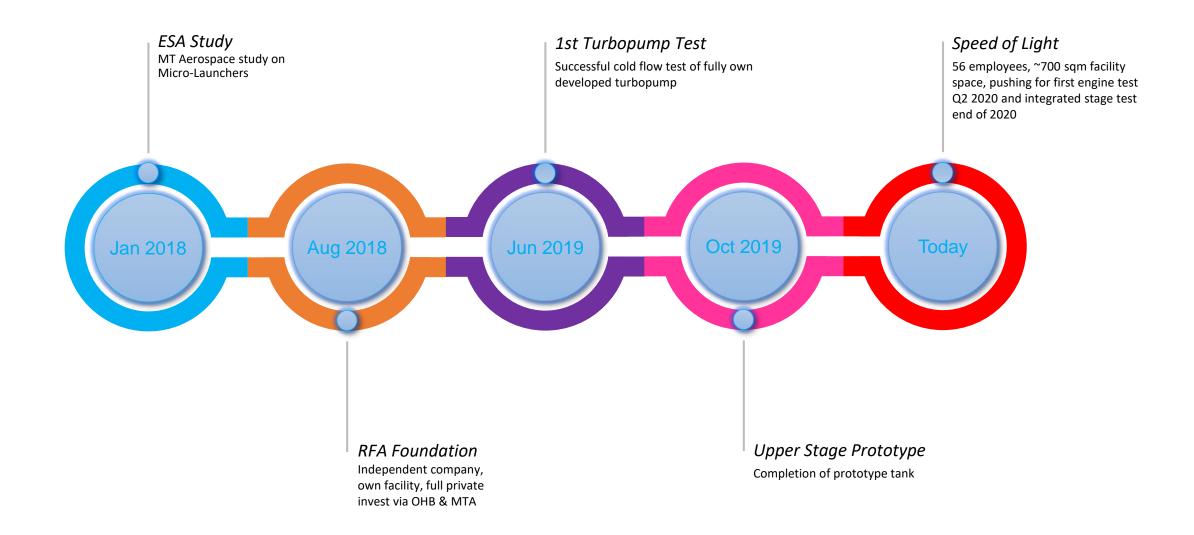
Space is changing!

- Small Satellites will enable Use Cases
 - to stay connected
 - to secure our planet and
 - to explore the universe
 - to learn & innovate

Need for Frequent, Low Cost Access to Space



HISTORY



EXPERIENCED MANAGEMENT TEAM

Jean-Jacques Dordain

Board Chairman



Hans Steininger CEO MT Aerospace



Marco Fuchs
CEO OHB



Dr. Wolfgang Koschel

External Advisor



Ulrich Scheib



Stefan Brieschenk coo



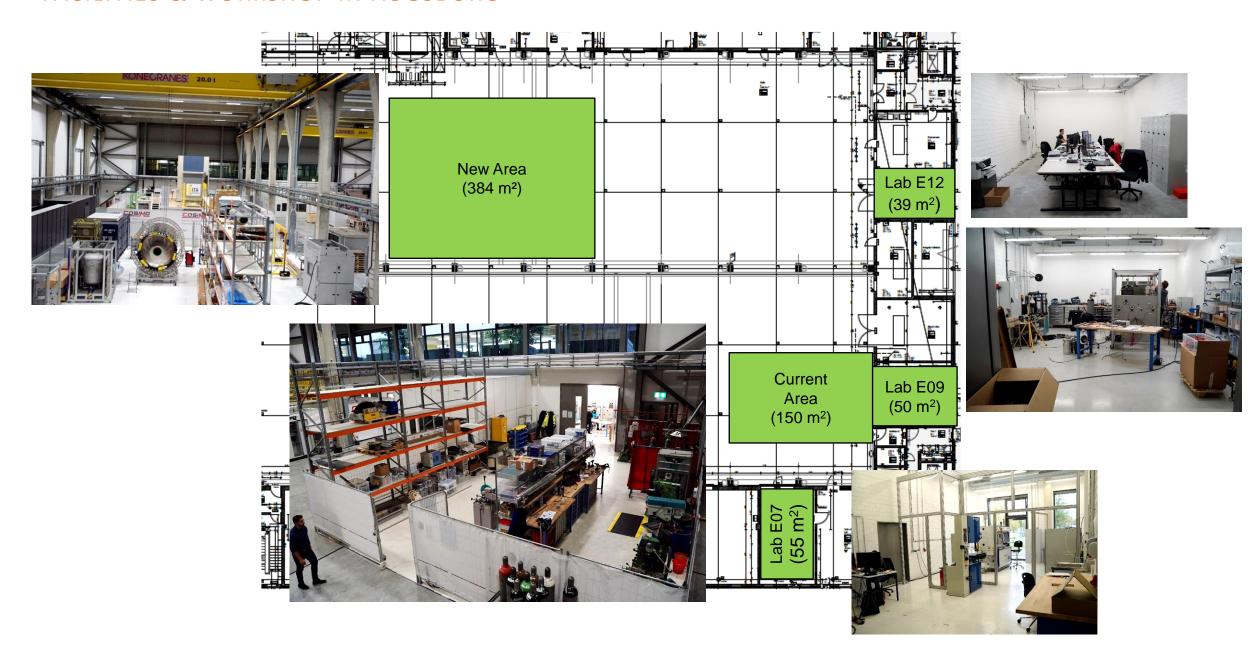
Jörn Spurmann *cco*



Alain Pajonk
Launch Site Manager



FACILITIES & WORKSHOP IN AUGSBURG



KEY SUCCESS FACTORS AND DIFFERENTIATORS FROM COMPETITION



Experienced core team

"team has many years of experience in launcher industry"



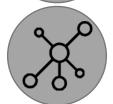
Strongest industry link

",best of both worlds: start-up + heavy industry"



High performance stage combustion engine

"unique technology access worth 1 Bn\$"



Automotive manufacturing environment

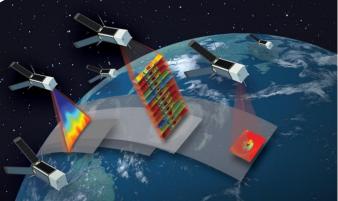
"build rocket engines like car engines"



Anchor customer OHB

"5 launches per year"













- Kick-Stage
 Mission flexibility
 Low-cost design

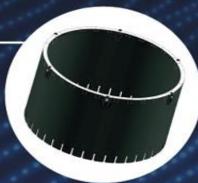




- Apogee Engine
 Proven technology
 Green propellant



- Interstage
 Automotive-grade composites
 Pneumatic separation systems





- Engine
 Simple gas-generator design
 Automotive
- manufacturing network

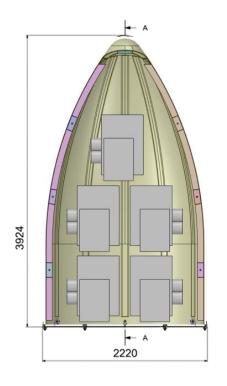


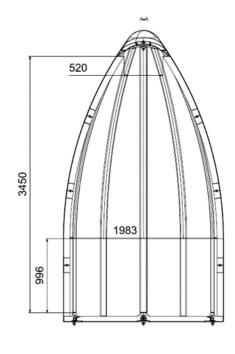
- Turbopump

 Design for additive manufacturing

 Proven design

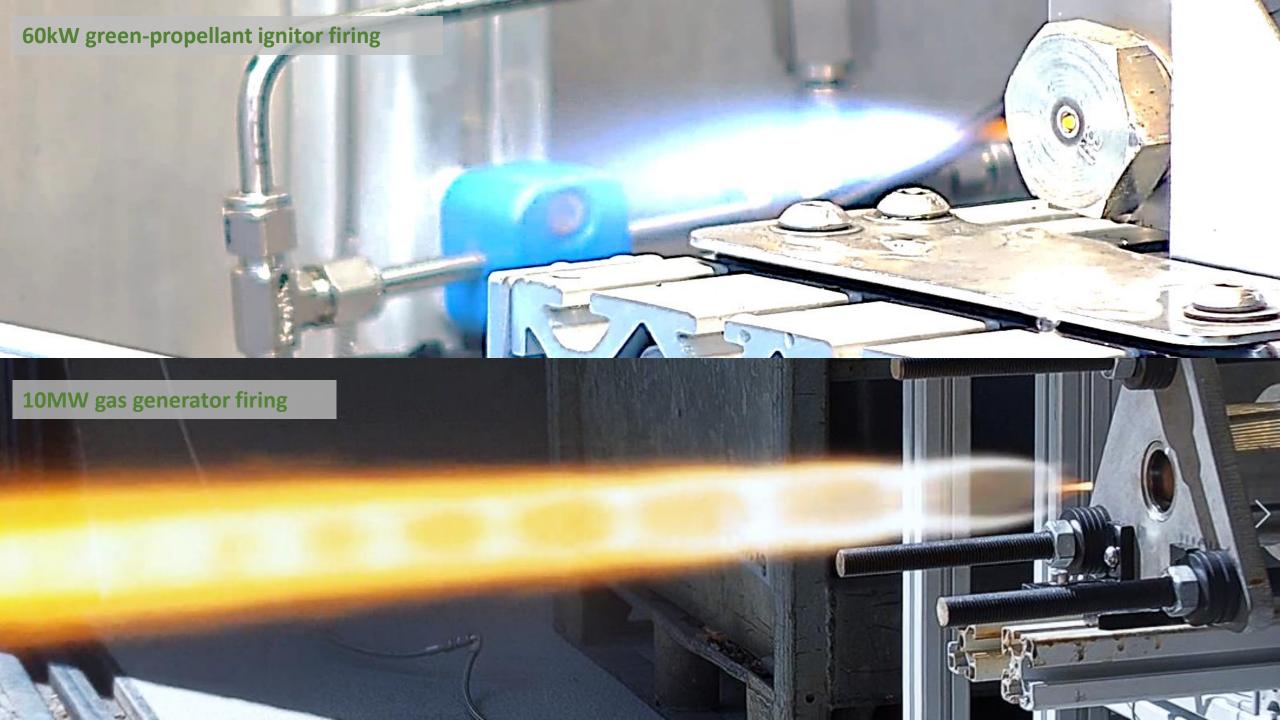
LAUNCH SERVICE OFFER

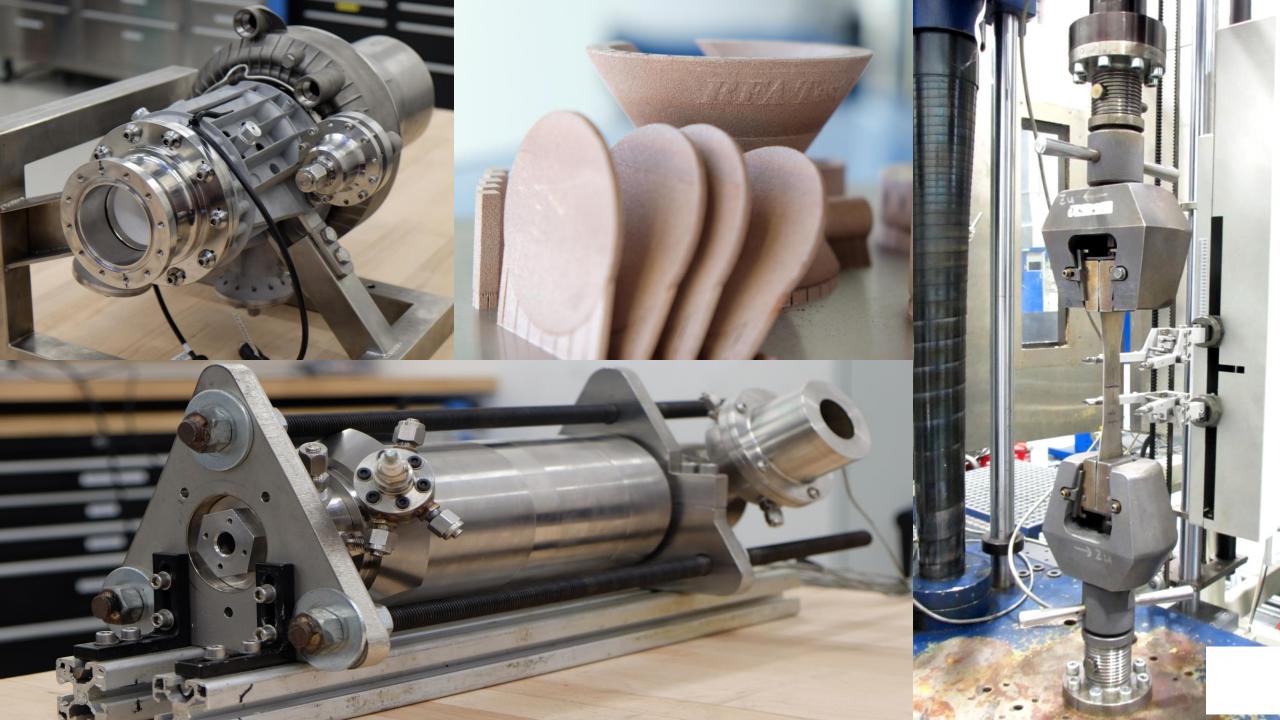


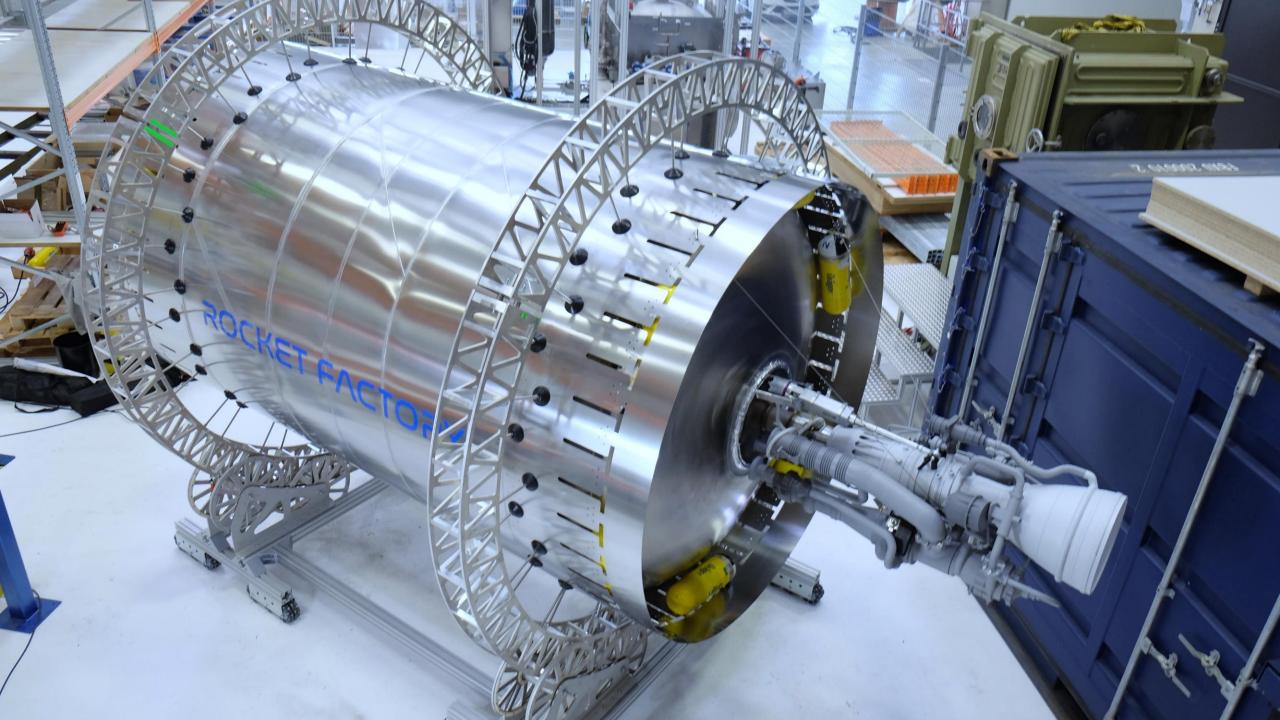


- Dedicated, clustered and ride-share launches
- Huge fairing (D = 2.2 m x H = 3.9 m)
- Kick-stage allowing for
 - High injection accuracy
 - Mission flexibility

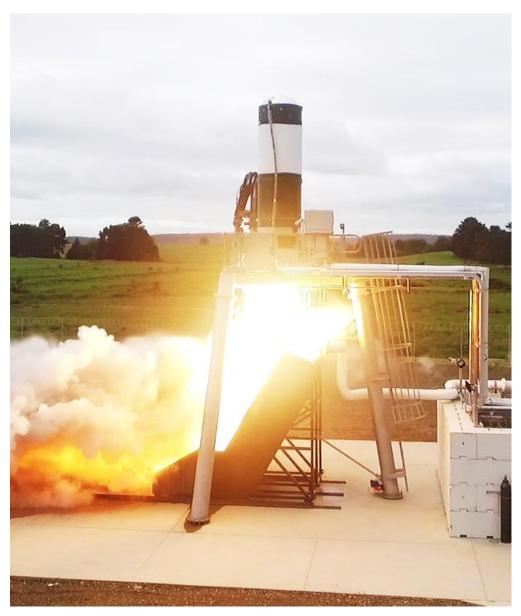
	Dedicated Launch	Dedicated Cluster	Main & Secondary	Main Cluster & Secondary	Rideshare
Customer Allocation Main Customer Secondary Customer					

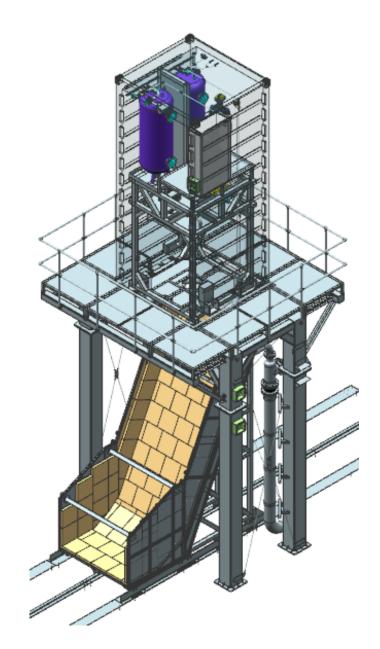






ENGINE TEST STAND





- Container-based, mobile design
- Low-cost test stand in manufacturing

© Rocket Lab, screenshot from published video

LAUNCH SITE



- On-going evaluation of potential launch sites
 - Several european spaceports under consideration
 - Discussions initiated and launch operation survey already performed

