

The logo for Destinus, featuring a stylized green script 'D' above the word 'Destinus' in a white, bold, sans-serif font.

Destinus



A world where distance
doesn't exist.



Building near-space vehicles and
infrastructure to power **the world's
fastest transportation network**

The market is gigantic and growing

Fertile ground for large
scale growth

Our starting point

AIR EXPRESS MARKET

\$59B^{}**

8.2% annual growth

Expansion opportunity

AIR FREIGHT MARKET

\$98B^{}**

6.9% annual growth

PASSENGER AVIATION MARKET

\$612B^{*}

5.3% annual growth

* Revenue for 2019. Statista: "Air traffic - worldwide revenue with passengers 2005-2021"
**Mordor Intelligence: "GLOBAL AIR FREIGHT INDUSTRY (2021-2026)"

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Air cargo is **too slow** for many use cases

Typical intercontinental express delivery takes

48-72

HOURS
DOOR-TO-DOOR

Destinus provides global hyperexpress delivery in

6-12

HOURS
DOOR-TO-DOOR

Demand is high:

- Emergency spare parts and critical equipment
- Perishable high-value goods like vaccines and gourmet food
- Time-critical document delivery
- Same day global delivery for e-commerce
- Just-in-time global logistics for manufacturers

Air cargo is **dirty**.

Traditional engines still burn kerosene,
contributing 2.5% of the world's CO2

EMISSIONS BY TRANSPORT MODE

g CO2/ton-km

CONTAINER | 8

RAIL | 22

ROAD | 62

AIR | 602

Destinus is **clean**.

- Destinus' hyperplanes will be carbon neutral from day one
- Liquid hydrogen powers all hyperplane engines
- Hydrogen is produced through electrolysis powered by renewable energy sources
- When hydrogen is burned, the only byproducts are heat and water



Destinus is transforming express delivery



- Destinus is a transportation technology company enabling the fastest possible transportation on Earth
- The combined addressable air express delivery & air freight market (2021) is \$157B and growing. Many segments are demanding superfast delivery
- A lot of room for collaboration with existing air carriers, express delivery companies, e-commerce and logistics operators
- Pricing comparable with traditional air cargo at launch, lower once scaled
- Cargo provides the ideal low-regulation starting point, passenger flight possible later

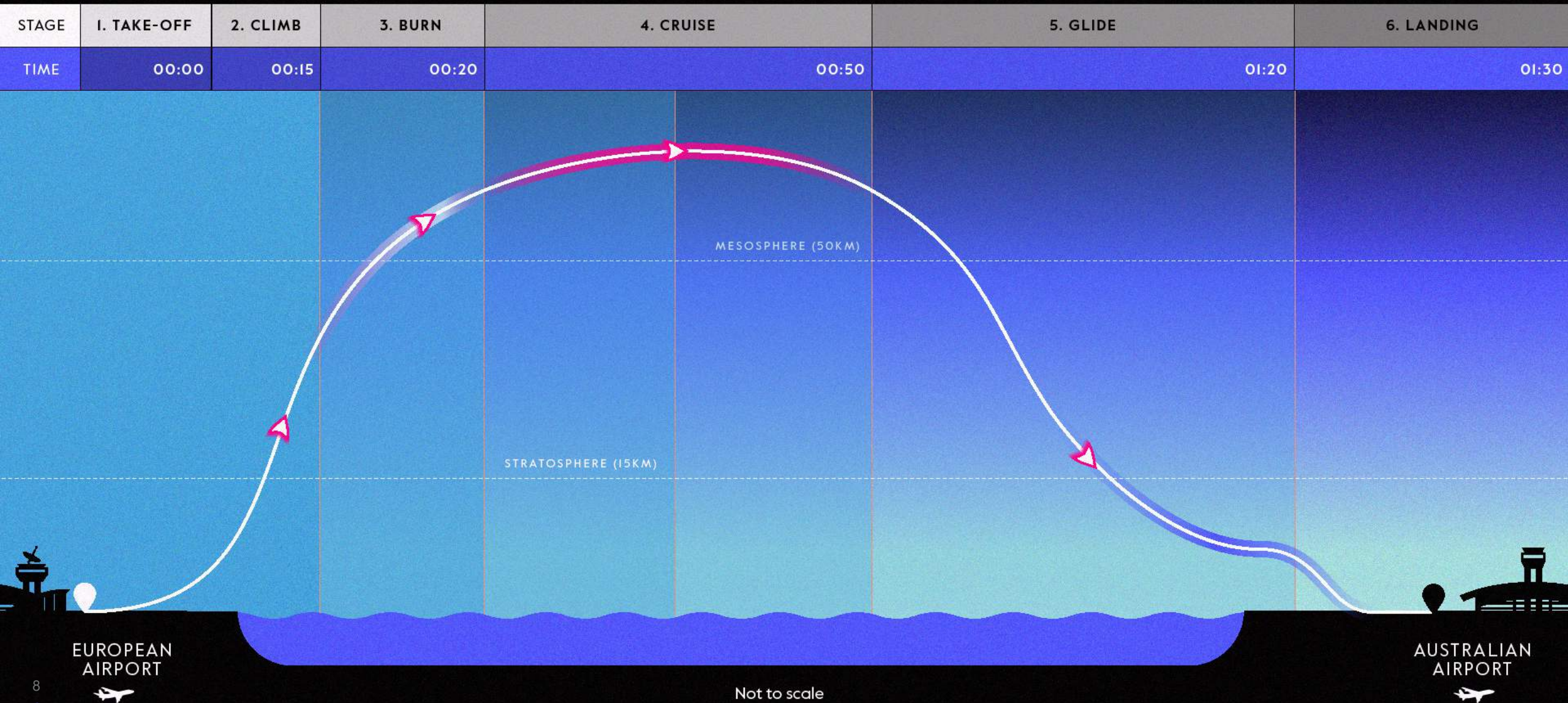
Our positioning

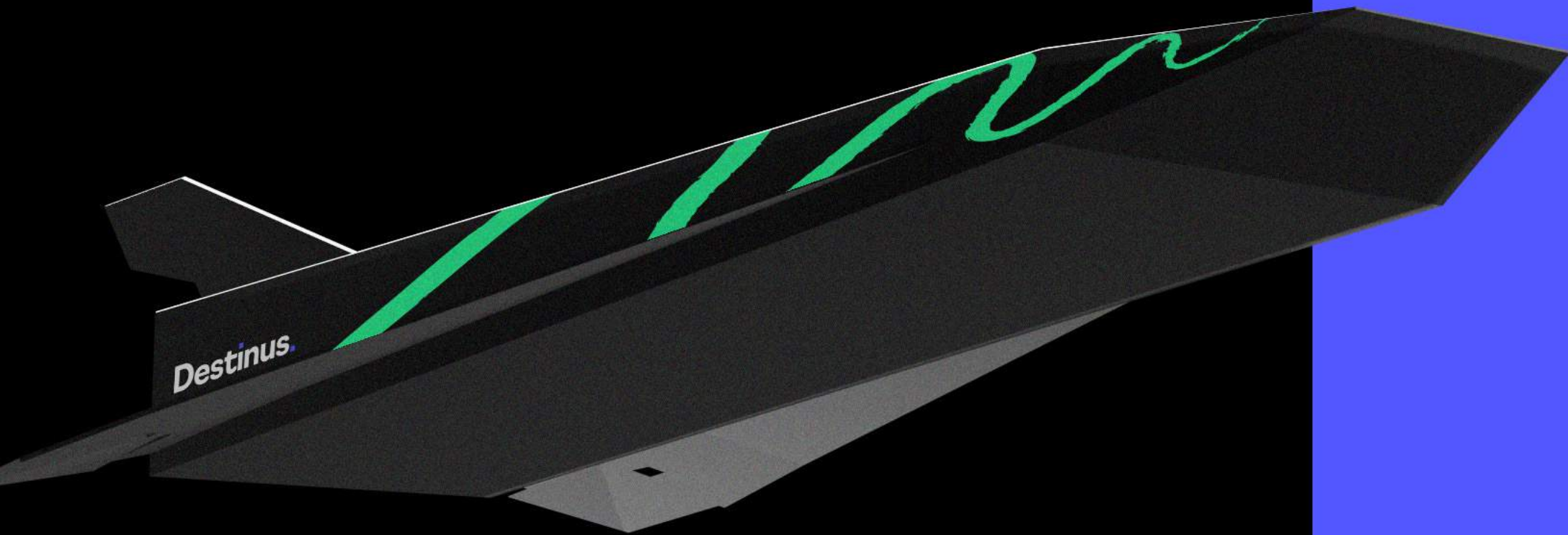


For global logistics, e-commerce, and supply chain companies who need to promise the absolute fastest global delivery to their customers, **Destinus is a transportation technology company building near-space vehicles** and infrastructure to power the world's fastest transportation network.

Unlike modern aviation, **Destinus can deliver** significantly further, faster and cleaner at the same price **in one to two hours.**


Around the world in 90 mins or less





Hyperplanes will power
a new class of fast

The **Hyperplane** is both a rocket and an airplane



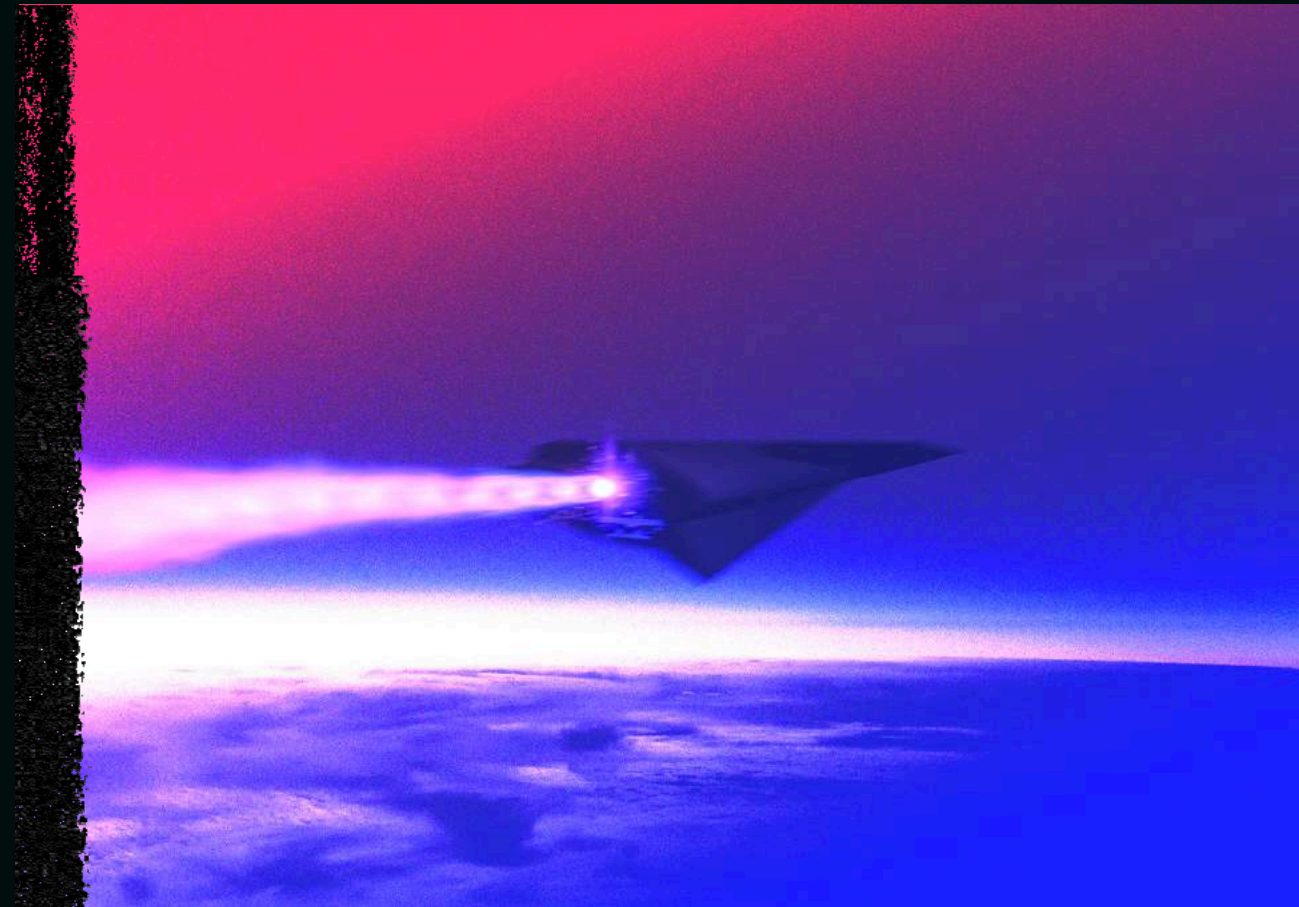
The Hyperplane is:

- A spaceplane with an actively cooled heat shield, designed for thousands of reentry and skip-entry cycles
- A glider, capable of gliding from the stratosphere into the landing approach
- A powered airplane, fully capable of flying through controlled airspace autonomously, conducting powered approach, landing, and taking off towards the next destination
- Comfortable cruising at Mach 15, redefining “fast”
- Hydrogen-powered, enabling truly carbon-free flight

In order to deliver a new class of fast, **we had to create a new type of vehicle.**

Hypersonic doesn't mean hyper loud

- Global routes between logistics centers can be directed over less occupied areas to avoid noise of operations
- Hyperplanes fly at a very high altitude, so from the ground the resulting noise is comparable to a normal airplane
- Hyperplanes are not noisy on takeoff and landing because they use air-jet engines for the initial and final phase of flight, and include rocket engines at considerable altitude



Destinus plans to test a prototype hyperplane with air turbojet and rocket propulsion to achieve hypersonic speed in 2022-2023. The planned vehicle will be the first vehicle developed by a private company that will achieve hypersonic flight speed.



Hyperplane development roadmap



Seasoned Team



Mikhail Kokorich
CEO/CTO



Alex Wicks
VP, System Engineering
and Business Ops



Philipp Bauer
VP, Propulsion and
Business Ops



Martina Lofqvist
Business Development
Senior Manager



Davide Bonetti
Chief Engineer,
Mission Design



Rafael Pax
VP, Flight Engineering
and Manufacturing



Tim Moser
Chief Engineer,
Aeroengines and Test



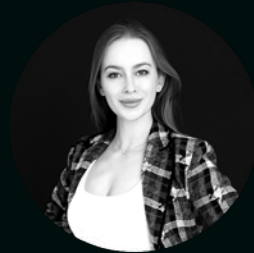
Max Rotunno
Chief System Engineer



Mitulkumar Suthar
Principal Engineer,
Aero Engines



Alexey Konovalov
Chief Engineer,
Mechanical and
Structure Engineering



Daria Fedorova
Chief of Staff



Antonio Pagano
Principal GNC Engineer



Dominique Charbonnier
Principal Engineer,
Aerothermodynamics



Natalia Nikolaeva
Head of Financial
Department



Alexander Zagorsky
Principal Engineer,
Thermodynamic and
Turbomachinery



Andrii Shementov
Principal Engineer,
Turbomachinery and
Propulsion

The team assembled from the finest aerospace companies on Earth



SIEMENS



MAXAR



indra



ALSTOM



ASTRIUM

MDA



MBDA

Thank you.

