PROVIDING HYDROGEN-BASED REGIONAL AIR MOBILITY WORLDWIDE
THE FIRST HYDROGEN-POWERED LONG-RANGE eVTOL

Key Design Features

- Providing sustainable air transportation with hydrogen fuel cell
- Connecting cities with a range > 500 km
- Flying at speeds > 260 km/h in cruise
- VTOL with the possibility for conventional take-off and landing
- Decreasing system complexity by a dedicated lift and cruise configuration
- Designed according to EASA SC-VTOL
- Integrating seamlessly into regional mobility due to a low noise profile
- Supply chain flexibility by design

#H2VTOL
TEAM

Dr. Mohamed Attia
Co-Founder & CEO

Johannes Garbino-Anton
Co-Founder & CTO

Lars Elvering
Engineering & Prototyping

Philipp Stahl
Configuration Eval & Dev

Anais Habermann
Aerodynamics & Aircraft Design

Martin Erbe
Industrial Design

Michael Ewig
Powertrain & Avionics
INDUSTRIAL PARTNERSHIPS

BAM  Intelligent Energy  APUS
FAST TRACK TO MARKET

2022
First flight of 25% scale fuel cell prototype

2023
50% scale flight

2025+
Full scale flight

2028
EASA type certification & launch in EU

2032+
Global expansion

MVP (Cargo)  MARKET ENTRY
25% SCALE TECHNOLOGY PLATFORM

Flight control laws development

Handling qualities and stability derivatives

Slow flight and transition evaluation

Fuel cell flight in preparation
Thank you

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