

A futuristic, hydrogen-based aircraft is shown in flight over a city skyline. The aircraft has a sleek, black and white design with four large propellers. The background features a dense urban landscape with various buildings and the prominent CN Tower in the distance. The sky is overcast with grey clouds.

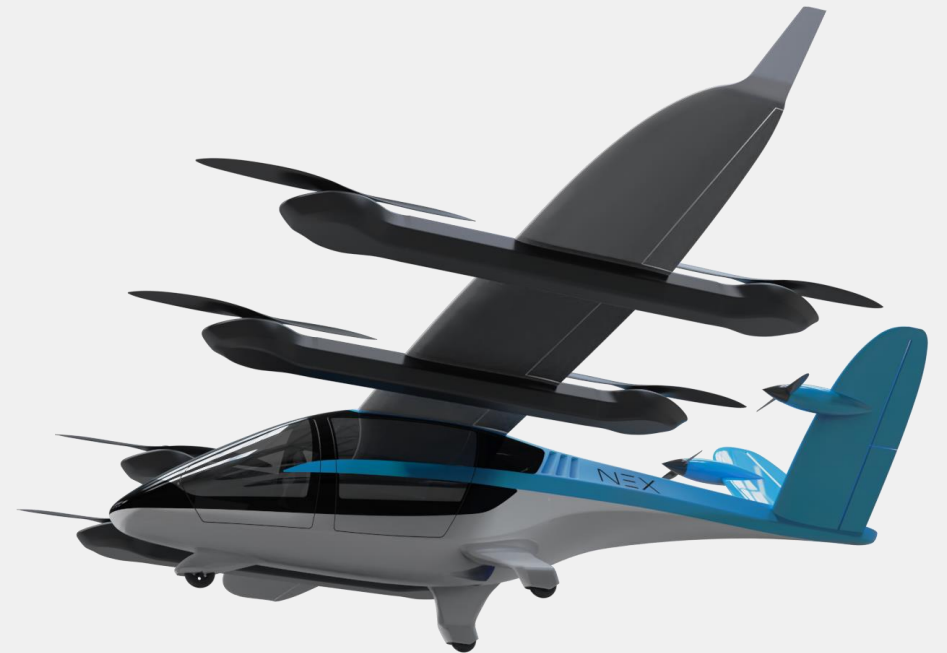
# NEX

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





# FAST TRACK TO MARKET

2022

First flight of  
25% scale fuel  
cell prototype



2023

50% scale  
flight



2025+

Full scale  
flight



MVP (Cargo)

2028

EASA type  
certification &  
launch in EU



MARKET ENTRY

2032+

Global  
expansion





# 25% SCALE TECHNOLOGY PLATFORM

Flight control laws  
development

Handling qualities and  
stability derivatives

Slow flight and transition  
evaluation

Fuel cell flight in preparation





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# Thank you



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