

Future E-Mobility in Aviation - What comes

Global E-Mobility Solutions Accelerating EV Industry in Thailand

Berlin-Brandenburg Aerospace Allianz
Prof. Dr. Andreas Timmermann

June 24th, 2021

E-Mobility in AVIATION?

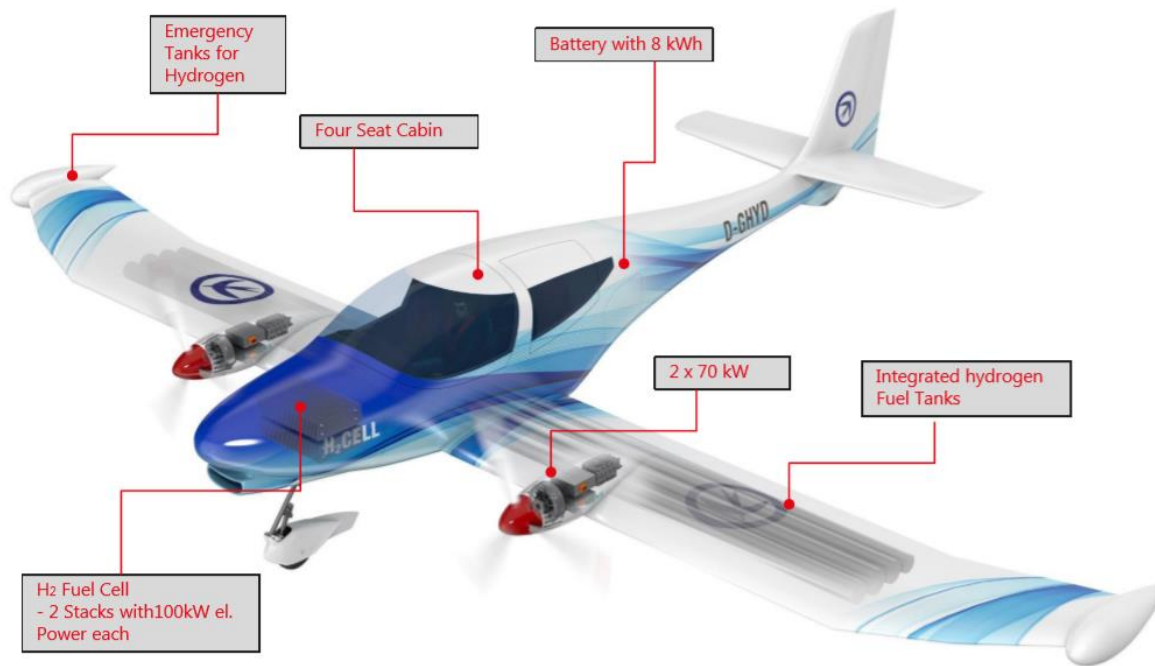


Complete electric planes ?

Batteries heavy- flight time max ca. 15 minutes

- Short and medium range flights:
 - Hybrid-electric propulsion
 - Hydrogene and fuel cells
- Long distance flights
 - Synthetic fuels
- Research and development needed!
- Start with small sized planes and scale it up!

„APUS-i 2“ – Hydrogen

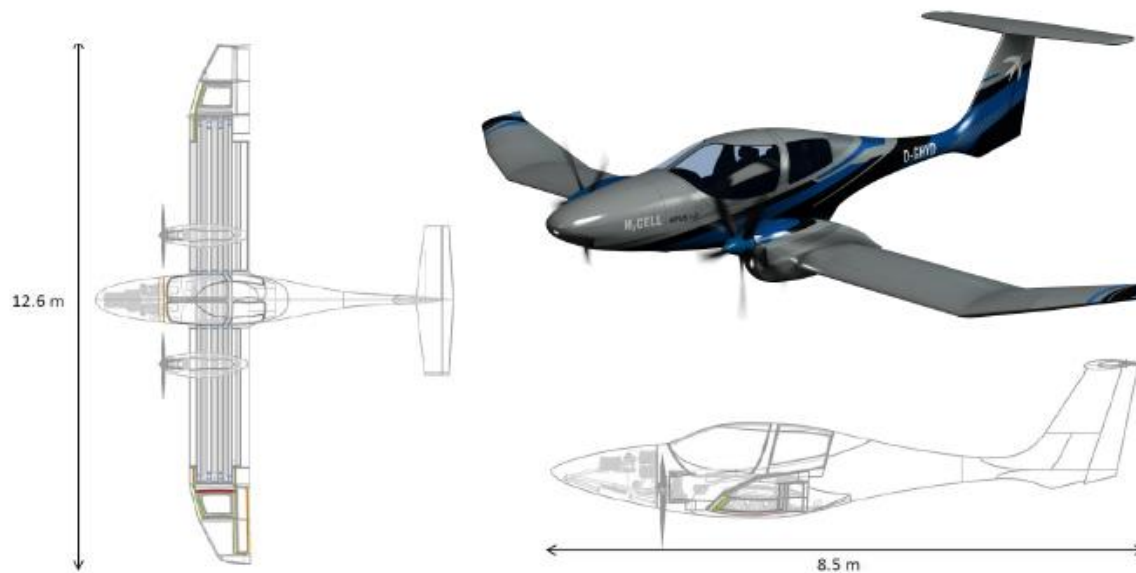


Meet the APUS i-2

The Zero Emission GA Aircraft



The performance of the APUS i-2 is based on its core technology of the hydrogen-electric powertrain – setting another worldwide benchmark. It will function as the starting point to the zero emission aircraft program, resulting in the hyper competitive GA product.



Performance

Cruise	150 kts
Payload	400 kg
PAX	1 +3 (5)
Range	850 NM
Service Ceiling	10,000 ft

A picture containing aircraft, dark, close, drone

Description automatically generated

Wing Span	12.6 m
Length	8.5 m
Height	2.6 m
MTOW	2.200 kg

For an in depth competitor product analysis, please find a comparison attached in Appendix.

Meet the APUS i-5

The Zero Emission Aircraft







email: contact@apuszero.com

APUS – Zero Emission GmbH i.G.
Flugplatzstraße F4 / 1
15344 Strausberg

www.apuszero.com







Thank You!

