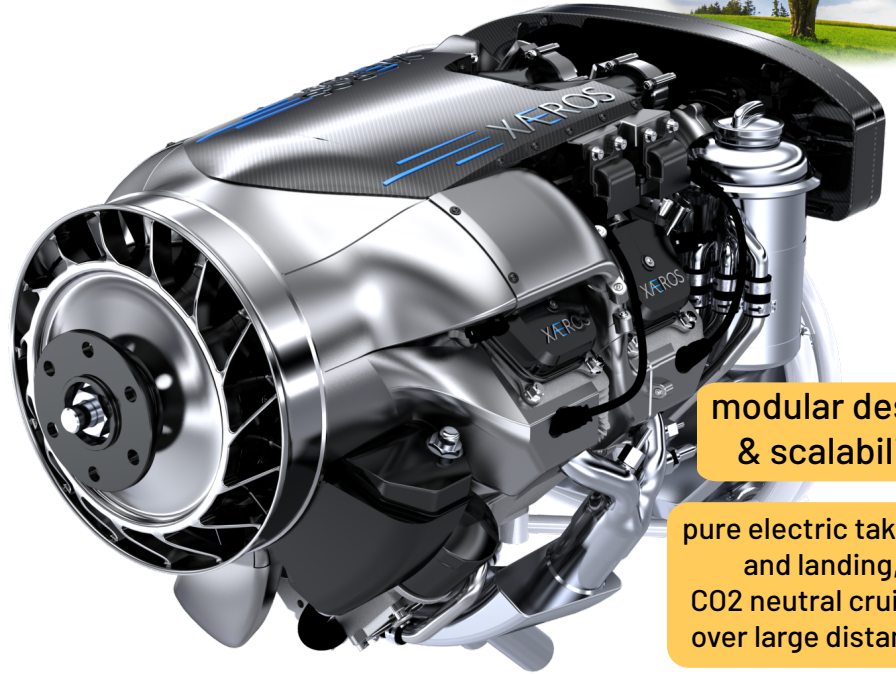


XAEROS

Hybrid Aircraft Engine



significant increase in safety due to triple redundancy



very silent due to pure electric take-off and landing



CO2 neutral cruising with e-fuels SAF sustainable aviation fuel



long range and high power
120 - 600 hp
90 - 440 kW



realizable in just a few years



very compact: fits in all new aircraft (single & twin engine)



self-contained system for retrofitting of 200.000+ existing aircraft



for vertical take-off and landing aircraft (range 1000+ km)



for unmanned transport, rescue and recon drones

modular design & scalability

pure electric take-off and landing, CO2 neutral cruising over large distances

The Bridging Technology for General Aviation, eVTOL Aircraft, Drones and more for Today and for the Next 30+ Years

Batteries are still 20 times heavier than liquid fuels and the energy density is increasing only slowly. So, batteries are very heavy but in aviation every kilogram counts. We are also not able to produce green hydrogen in significant amounts, so it has to be transported over long distances by sea. This entails high energy losses and very high investments and costs in aircraft and infrastructure.

But we cannot wait and hope for the next 25 years or perhaps much longer.

We have to change the things now!

The next step are synthetic fuels, so-called eFuels, SAF (Sustainable Aviation Fuel). With e-fuels aircraft can be operated CO2-neutral and aircraft, transport and supply infrastructure are existing.

XAEROS develops a tailor-made hybrid drive for many applications. It combines the unique advantages of pure electric take-off and landing with large CO2-neutral range with e-fuels and high power with a safe, redundant piston engine. Patents are granted.

TAKE YOUR CHANCE and invest in the future-oriented XAEROS project today!

Interested ? XAEROS AvioPower GmbH • Austria • www.xaeros.com
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