



Onera view's on TF topics of interest

Cl. Le Tallec

AIAA TFPC

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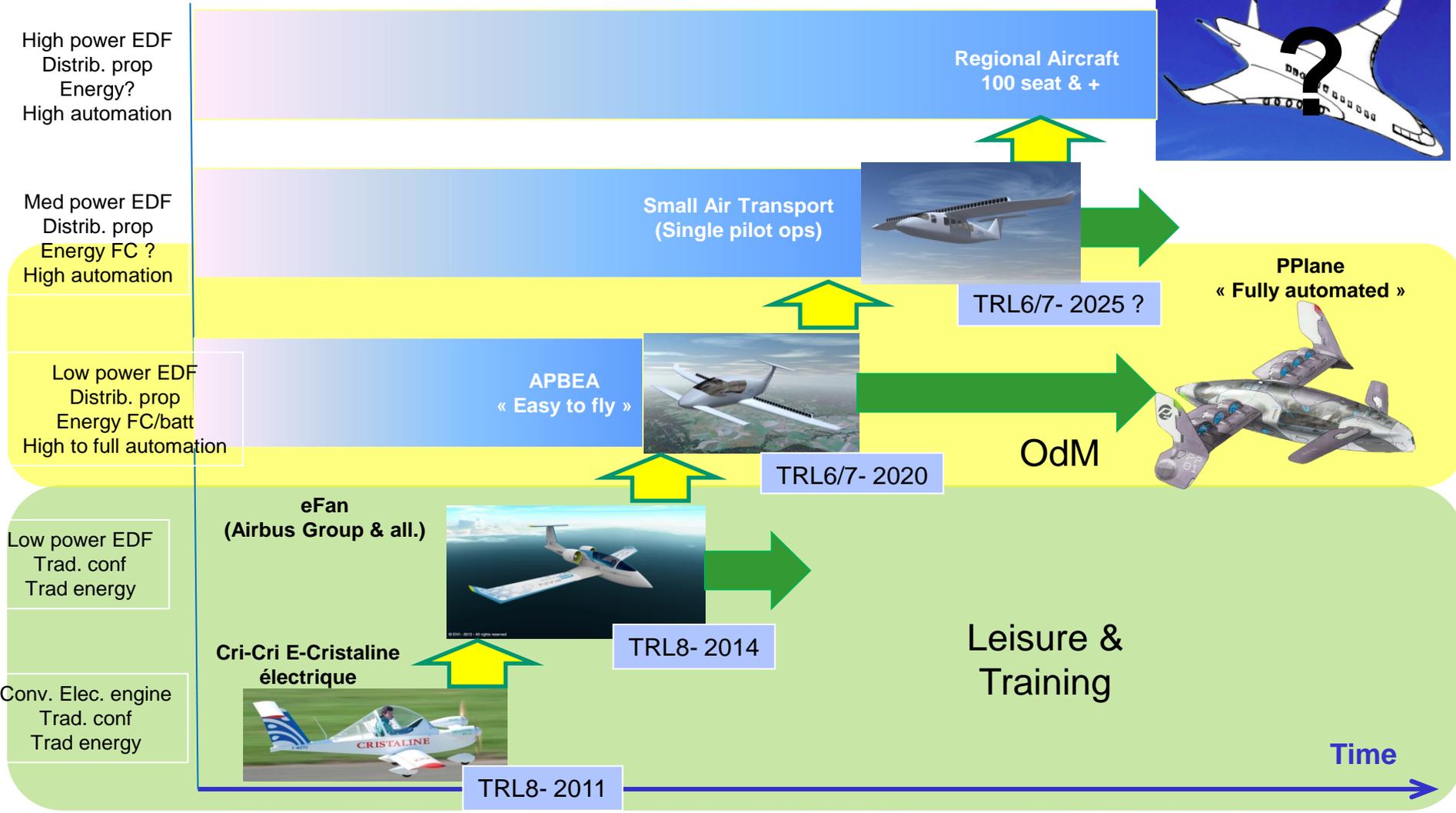
ONERA

THE FRENCH AEROSPACE LAB

retour sur innovation

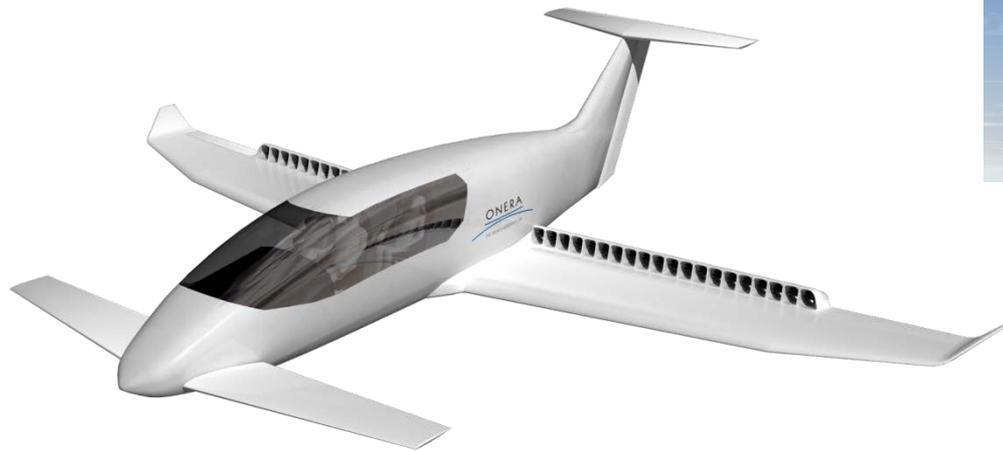
Electric aircraft, a global picture

Key technologies



Topic of interest: full electric, clean, quiet and automated Aircraft

Small Aircraft Transport
Single pilot operation, 15 to 20 pax



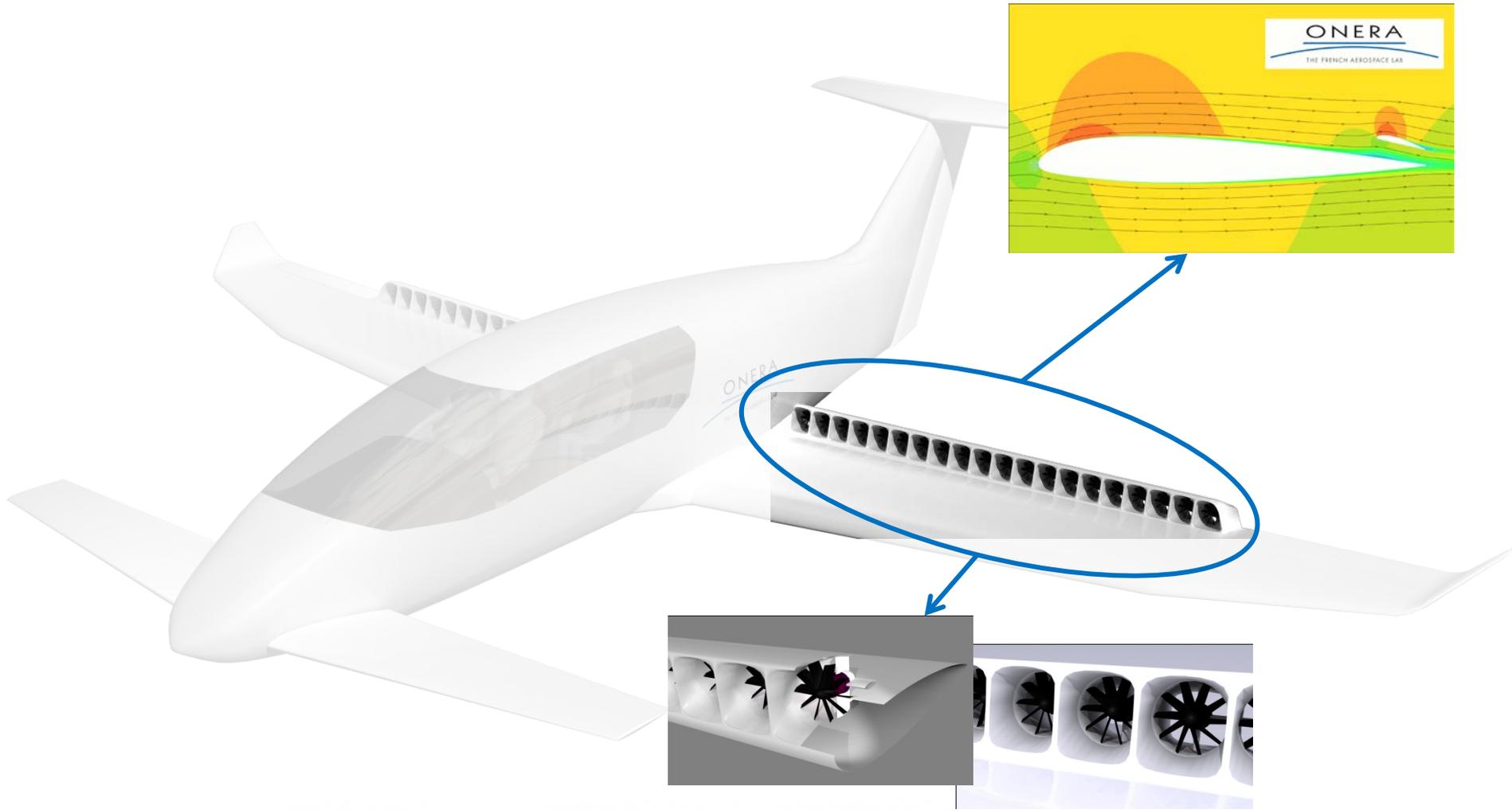
Personal business aircraft
Highly automated, 1 to 5 pax

Ultimate long term goal: PPlane
Fully automated, 1 to 5 pax



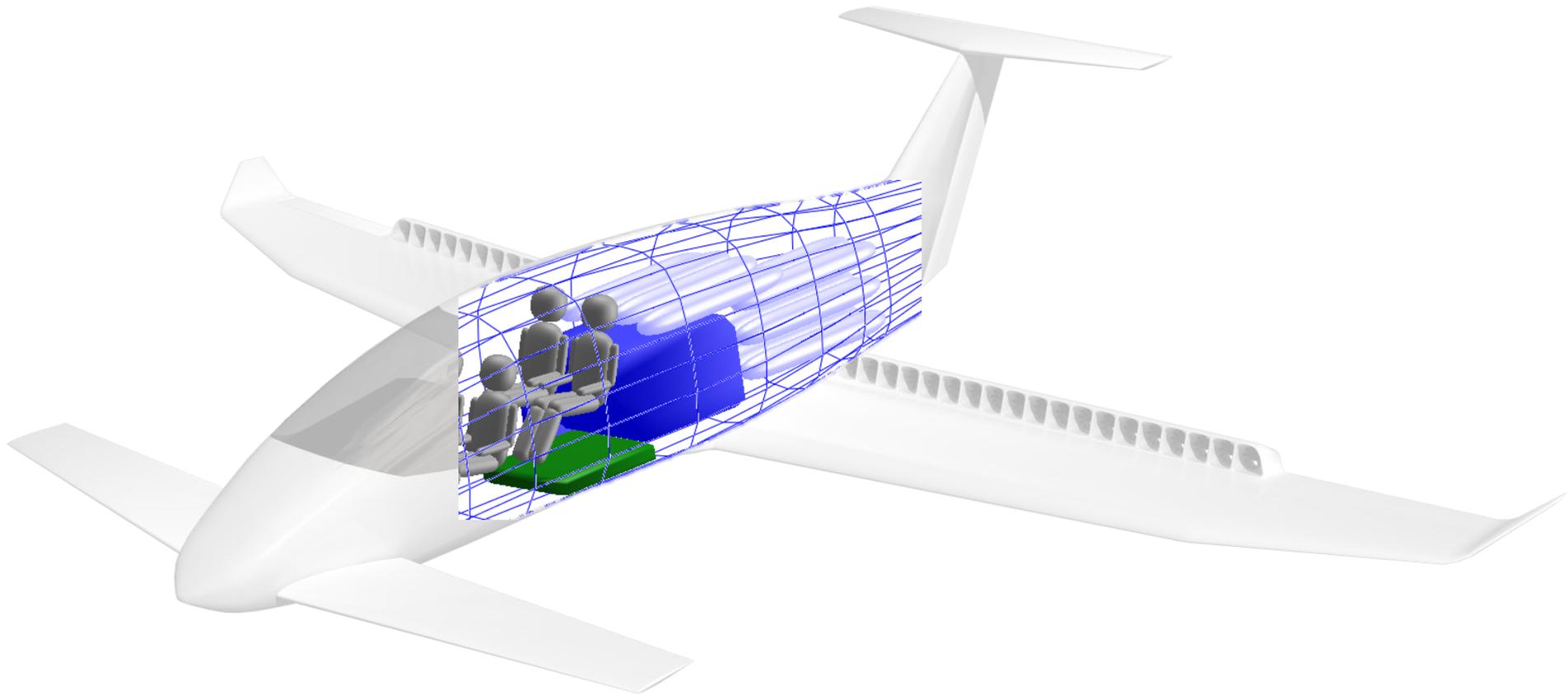
Key technology

Distributed electric propulsion with powered lift



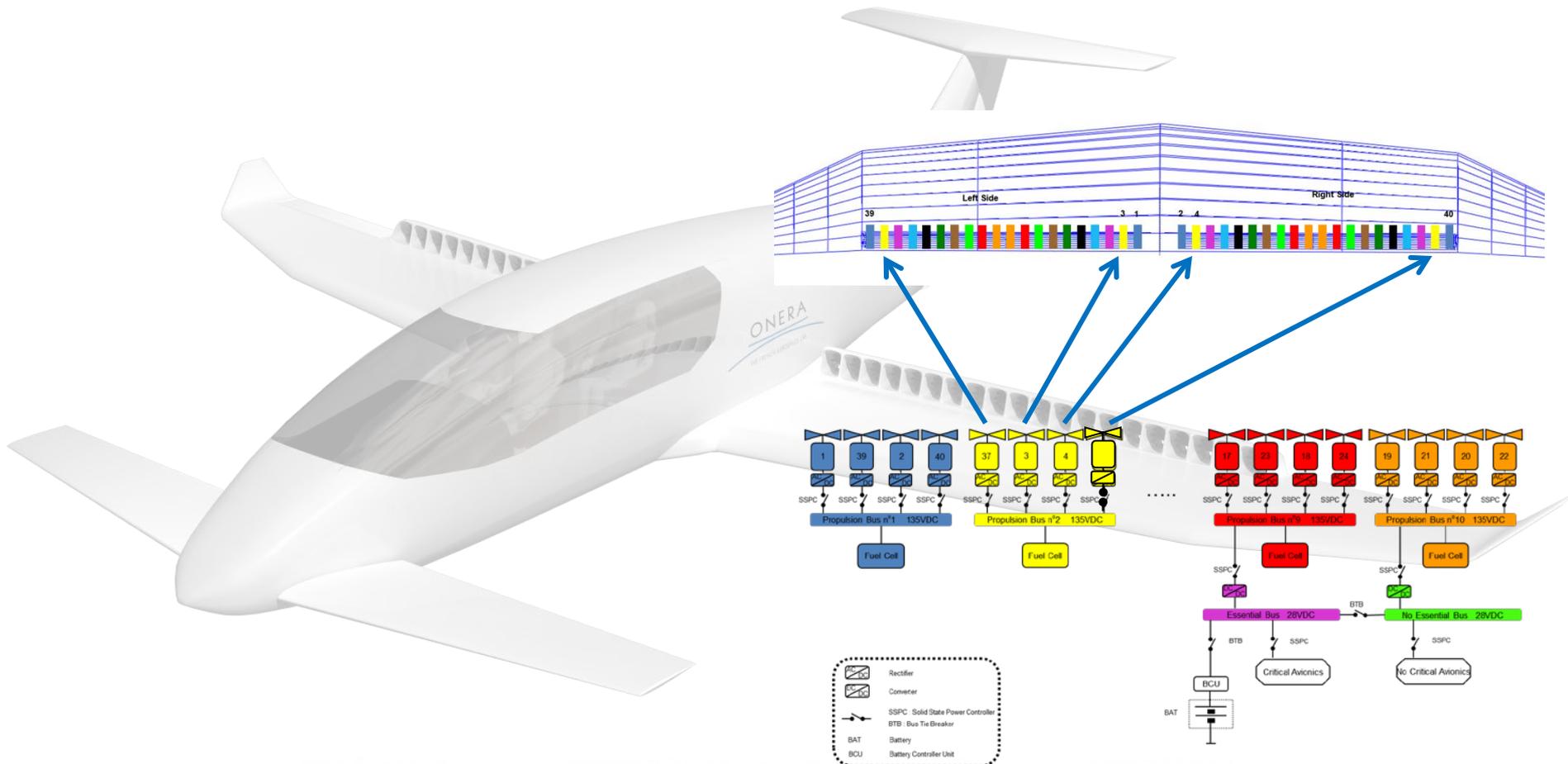
Key technology

Hybrid energy supply (fuel cells + battery)



Key technology

High automation, health monitoring and redundancy of the system



Key capability

Use of multidisciplinary design optimization tool

