



FUTPRINT50 Academy

FUTPRINT50 is a research project aiming at developing technologies and configurations for a hybrid-electric 50-seat regional airliner that could enter service in 2035-40. Led by University of Stuttgart in Germany, FUTPRINT50 is an international cooperation project, running from January 2020 to December 2022.

The project team is particularly proud to have included in its plans the FUTPRINT50 Academy. Future engineers along with the supervision of university professors and the mentoring of FUTPRINT50 partners are offered the opportunity to perform Master Theses on key themes identified within the project.

List of key themes:

- Hybrid electric regional aircraft configurations.
- Hybrid electric propulsion architectures.
- Certification aspects for hybrid electric aircraft and system architectures.
- Sustainability: from life-cycle to intermodal transport using HEA.
- Systems integration for HEA.
- Key technologies: energy storage, energy harvesting, thermal management.
- Design optimization & decision-making for HEA.

