

PROJECT

WINFRAME 4.0

Full scale innovative composite windows frames for Regional Aircraft fuselage barrel on-ground demonstrators

Funding: European (Horizon 2020)

Duration: Nov 2018 - Oct 2020

Status: Ongoing

Total project cost: €825,688

EU contribution: €679,981



Call for proposal: H2020-CS2-CFP07-2017-02

[CORDIS RCN : 218815](#)

Objectives:

Validation at full size level of CFRP windows frame manufacturing process (Thermoplastic) and fabrication of 2 shipsets for Regional Aircraft Fuselage barrel on-ground demonstrators. Moreover, an industrial and cost evaluation based on a pre-defined production business case is requested including hypotheses of high volume automated solutions

Parent Programmes:

[H2020-EU.3.4. - Horizon 2020: Smart, Green and Integrated Transport](#)

Institute type: Public institution

Institute name: European Commission

Funding type: Public (EU)

Other programmes: JTI-CS2-2017-CfP07-REG-01-13 Full scale Innovative composite windows frames for Regional Aircraft Fuselage barrel on-ground demonstrators

Lead Organisation:

Fundacio Eurecat

Address:

Carrer Roc Boronat 117, 5 Planta
8018 Barcelona
Spain

EU Contribution: €340,000

Partner Organisations:

Sofitec Aero SI

Address:

AUTOV A-4 KM 521 PARQUE LOGISTICO E INDUSTRIAL MAN LB NAVE 1
41410 CARMONA
Spain

EU Contribution: €339,981

Technologies:

Composite materials
Thermoplastic-based composite materials

Development phase: Validation

STRIA Roadmaps: Vehicle design and manufacturing

Transport mode: Air transport

Transport sectors: Passenger transport, Freight transport

Transport policies: Other specified

Geo-spatial type: Other