

PROJECT

ECO GAM 2018

Eco-Design Transverse Activity GAM 2018

Funding: European (Horizon 2020)

Duration: Jan 2014 - Dec 2019

Status: Complete

Total project cost: €2,977,513

EU contribution: €2,977,513



Call for proposal: H2020-IBA-CS2-GAMS-2017

[CORDIS RCN : 216637](#)

Objectives:

Integrating ecologic, economic and socio-economic effects, ecoDESIGN will strongly contribute to sustainability and future competitiveness of the European aviation industry according to the European Eco innovation agenda. It covers the assessment of materials, processes and resources (MPR) employed along the entire aircraft life cycle. Based on the fundamental structure of eight Eco themes, ecoDESIGN enables an extended Life Cycle Analysis (LCA+), going far beyond aircraft operation.

As a Transversal Activity in Clean Sky 2 ecoDESIGN concentrates on the development and integration of fundamental methodologies, tools and databases into a comprehensive platform and on the assessment and evaluation of innovative technology developments within the SPDs. Extending the coverage of the technology base for ecoDESIGN, validated LCI Data will be employed to derive Eco-Statements and to enable future standardized, consistent and comparable analysis with regard to Design for Environment (DfE) Approaches as of 2020. In parallel, ecoDESIGN will monitor the socio-economic development of the European aviation industry in Clean Sky 2 by means of socio-economic derivative.

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: CS2-GAM-2018-ECO Eco Design Transverse Activity

Lead Organisation:

Fraunhofer Gesellschaft Zur Foerderung Der Angewandten Forschung E.v.

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EU Contribution: €790,000

Partner Organisations:

Oculavis Gmbh

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EU Contribution: €0**Technologies:**

Unclassified

Non-technology

Development phase: Validation**STRIA Roadmaps:** Vehicle design and manufacturing**Transport mode:** Air transport**Transport sectors:** Passenger transport, Freight transport**Transport policies:** Environmental/Emissions aspects**Geo-spatial type:** Other