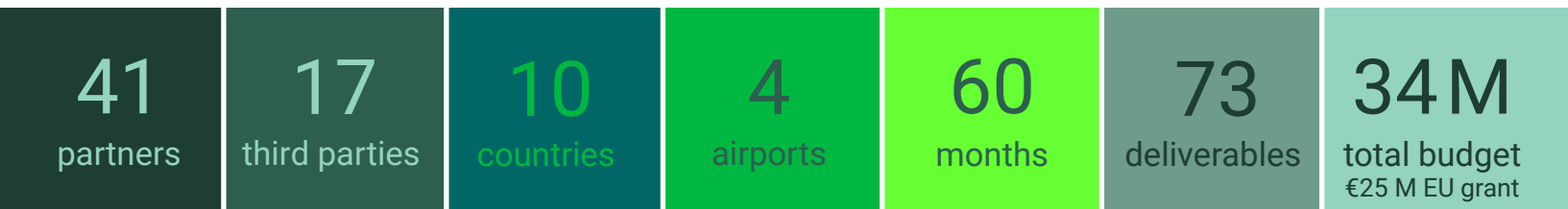




hOListic Green Airport (OLGA) is a Horizon 2020 project that aims to reduce the environmental impact of the aviation sector. It develops innovative and sustainable solutions to reduce CO2 emissions, optimise energy efficiency, preserve biodiversity, improve air quality and waste management, while involving the entire aviation value chain.

We innovate to reduce environmental impact



OLGA's commitments directly align with 9 out of 17 Sustainable Development Goals of the United Nations

Flight operations

Decarbonising ground operations towards net-zero CO2 emissions. Hydrogen Hub for ground operations and aircraft. Sustainable Aviation Fueling (SAF).

Passenger & cargo

Increasing the modal share of carbon-free transport for airport-city journeys. Intermodality, waste reduction, energy savings in terminals.

Community & territories

Improving air quality on the airside and on the city side. Reducing electricity consumption of aircraft lighting. Improving biodiversity index.



Partners

Groupe ADP

ADDAIR

Air France

Air Liquide France Industrie

Airport Regions Council

Assaia International

ARMINES

Austrian Institute of Technology

BatiRIM

Bureau Veritas Exploitation

BS RESONET

Centro Tessile Cotoniero e Abbigliamento

Cluj Airport

Cluj-Napoca Municipality

COMOTI

Direction générale de l'Aviation civile

ENGIE

Env-isa

ECATS International Association

ERICSSON NIKOLA TESLA

EUROCONTROL

GDi

IFP Energies nouvelles

INFRA PLAN

Zagreb Airport

Interuniversity Consortium for Optimization and Operation Research

ITW GSE

L-UP

Parco Lombardo Valle del Ticino

PROAVIA

RINA Consulting

Safety Line

SEA Milan Airports

SMART Airport Systems

Snam

Technical University of Cluj-Napoca

TRANSDEV Group

Université Paris XII Val de Marne

University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture

University of Zagreb, Faculty of Transport and Traffic Sciences

WaltR

Third parties

Air Liquide | Bureau Veritas Italy | DLR | EASA
ECOLE NATIONALE SUPERIEURE DES MINES DE PARIS
ENGIE ENERGIE SERVICES | ENGIE GLOBAL MARKETS
ENGIE INEO Energie & Systems | HUB ONE | IMMOBLADE
INGELUX | Manchester Metropolitan University
MZLZ – Zagreb Airport Operator | MZLZZU – Ground Handling Services
RINA TECH UK | RSB – Roundtable on Sustainable Biomaterials Association
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