



01FEB2017
Project Start

31MAY2021
Project End

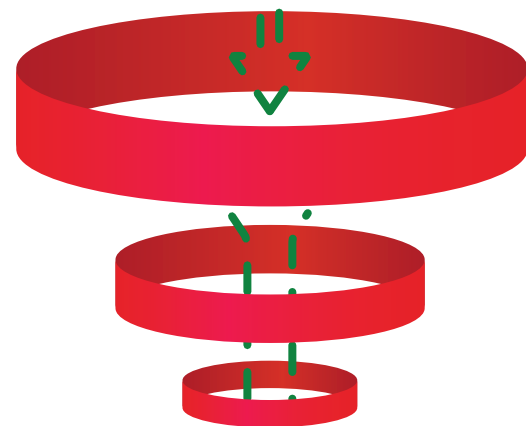
Partnership



Topic
Manager



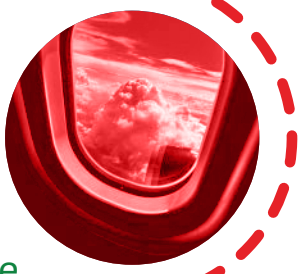
Goals



Devils aim is to reduce up to 70% the power absorbed by airplane hydraulic motor pumps through different solutions:

- Research, development and validation of an innovative variable flow oil pump to be integrated in a high performance aircraft lubrication systems architecture with the aim of reducing fuel and oil consumption.

- Research, implement and validation of smart fault detection and health monitoring algorithms to assist the system in reducing oil low flow rate needs and prognostic functions.



European
Commission

Horizon 2020
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