

DEVILS

01FEB2017
Project Start

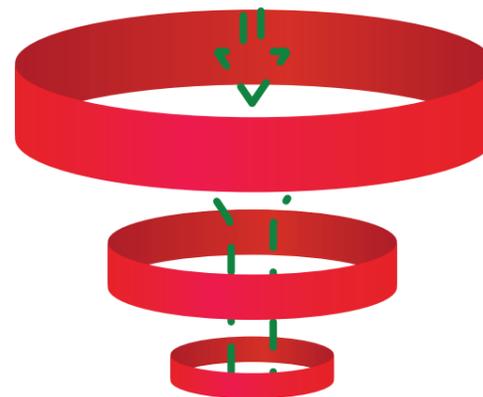
31MAY2021
Project End



Partnership



Goals



Topic Manager



Project partners









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
European Union funding
for Research & Innovation



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