Collaborative Aircraft Design: The AGILE Paradigm

Institute of System Architectures in Aeronautics - DLR

Collaborative roles

1: Requirements
   Design for X strategy

2: Design tools
   Quick change solution strategy for updated requirements

3: Design process
   Automated generation of collaborative MDO workflow

4: MDO execution
   Data exchange using standardized format: CPACS

5: Decision making
   Deployment of MDO workflows on different platforms

7 unconventional aircraft designed

19 international industry, research and academic partners

EU funded H2020 project coordinated by DLR Hamburg

Project statistics

- 135 Publications
- 182 Citations
- 127 Support
- 60 Collaborations

MDO execution

H2020 EU project | 06/2015 - 11/2018 | agile-project.eu

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