

REMAP: REAL-TIME CONDITION-BASED MAINTENANCE FOR ADAPTIVE AIRCRAFT MAINTENANCE PLANNING

H2020 ReMAP Project will contribute to reinforce the European leadership in aeronautics by developing an open-source solution for aircraft maintenance, the Integrated Fleet Health Management (IFHM) system.

By replacing fixed-interval inspections with adaptive condition-based interventions, ReMAP will have an estimated benefit to the European aviation of more than 700 million Euros per year. This is due to a direct decrease in maintenance costs, reduced unscheduled aircraft maintenance events, and increased aircraft availability.

In this project, Cedrat Technologies (CTEC) will be responsible for managing the technical activities of ReMAP WP3 which concerns the development of the selected sensor technologies for damage monitoring and will drive the realisation of CTEC share in ReMAP focusing on piezo solutions for SHM.



PARTNERS LIST:

- **TU DELFT** - Technische Universiteit Delft
- **ATOS** - Atos Spain
- **CTEC** - Cedrat Technologies
- **ENSAM** - École Nationale Supérieure d'Arts et Métiers
- **EMBRAER** - Embraer Portugal S.A.
- **IPN** - Instituto Pedro Nunes
- **KLM** - Koninklijke Luchtvaart Maatschappij N.V.
- **ONERA** - Office National d'Études et de Recherches Aérospatiales
- **OPTIMAL** - Optimal Structural Solutions
- **STEC** - Smartec
- **UTRCI** - United Technologies Research Centre Ireland
- **UC** - Universidade de Coimbra
- **UPAT** - University of Patras



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