

# PROGRESS REPORT ON NEW MODELLING TECHNIQUES

## Executive Summary

This document presents the work conducted within Task 2.3.5 on the modelling of components for the purposes of Multidisciplinary Design Optimisation (MDO) and Robust Design (RD) analysis. Particular attention was paid to the applicability of models for the Concurrent design executed in distributed environment and involving different modelling and analysis platforms.

The rotor robust design use case, including disc robust design scenario and blade robust design scenario, as well as work in a collaborative environment, were used as the basis for the work.

This document is related to the previous confidential documents D.2.3.5.1\_1 and D.2.3.5.2\_1.