

DESCRIPTION OF V1 USE CASE SCENARIOS

Executive Summary

The scope of this document is the description of business scenarios and business requirements defined by the Task 3.6.4 "Product Use Case Requirements Capturing" and the definition of the test case for dissemination of the functionalities of the whole work package.

The selected scenarios are related to SP1 and SP2 Use Cases, in the context of a Virtual Enterprise supported by a Virtual Enterprise Collaboration Hub (the "**VEC-Hub**").

During the first 18 months of the VIVACE project, several potential use cases have been considered and some of them have been selected for further analysis. The selection has been made considering the relevance of their collaborative processes and the level of completeness of the available information.

This version of the document (V1) contains:

- The description of a requirement capturing methodology, derived from VIVACE Requirements Engineering, this approach has been adapted for the work package needs and constitutes the basis of the T3.6.4 subtasks activities.
- The description of the following selected Use Cases and related Scenarios, two of them being integrated in a preliminary overall view within the Whole Engine Development (from WP2.3) to be used as Test Cases for the VEC-Hub Services Demonstration:
 - 1) Whole Engine Model (WEM) Validation and Updating (from T2.3.3)
 - 2) Turbine Rotor Design (from T2.3.5)
 - 3) 7 Days Proposal (from T2.1.3)
- A harmonised list of Business Requirements captured in the context of the Use Cases
- An initial provision for more Use Cases to be developed at the next main project iteration (V2)

The document does not contain a detailed description of the business drivers and context of the Use Cases plus the internal aspects of these processes to avoid redundancy with relevant SP1 and SP2 deliverables, which are instead referred to.

The document does not contain a detailed description of the Services Definition and Description.