

Research program:
“Methods and tools to support conceptual design: from product innovation to innovative virtual interaction”

Annex Code 8

Department of Management, Information and Production Engineering
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Program

The research program is composed of four phases:

PHASE 1: State of the art (Month 1 – Month 2)

Analysis of the state of art with regards to technologies related to the research area and identification at least of one case study

PHASE 2: Development of the software environment to support the product development (Month 3 – Month 7)

Development of a process flow based on a synergic use of selected technologies for problem solving, virtual prototyping and advanced human-computer interaction.

PHASE 3: Testing (Month 7 – Month 10)

It consists in testing the developed environment with the selected case study involving, eventually, and industrial partners and analyzing different scenarios.

PHASE 4: Results analysis and dissemination (Month 9 – Month 12)

Results from the previous phase will be critically analyzed evaluating pros and cons. Publications of research results will be published on international journal and conference proceedings.