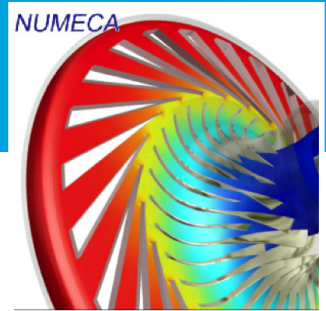


Robust and Reliable Optimization

2016-2019



Axe(s)

Modeling & Simulation

Industries

NUMFLO

Open Engineering
GD&Tech

Research Bodies

Cenaero
ULg-LTAS

Total Budget

2,7 M€

Type

R&D

In Virtual Prototyping approaches, the optimization of industrial configurations, taking into account objectives and constraints, is a must to ensure real technological progress.

However, industrial processes are often affected by numerous uncertainties : operational, material, geometrical, ...

The project SW_ORFI aims at developing robust and reliable approaches in numerical optimization by incorporating the uncertainties effects into its optimization algorithms.