



OPERAS

Optimisation of re-melting processes

BUDGET

€2,840K

GRANTS
OBTAINED

€925K

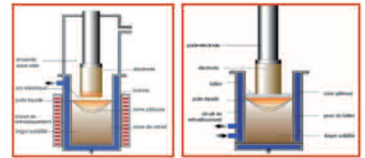
ANR FUNDING

2009 - 2012

THE PROJECT

The aim of the OPERAS project is to develop complete, validated digital models to simulate the ESR and VAR processes. It combines the precise characteristics of the microstructure of the materials made, in situ experiments on industrial processes, the development of effective models and validation by comparing the predictions based on the simulations with the examination of the products made. The applications concern steels, nickel-based super-alloys, titanium alloys and zirconium alloys.

ViaMéca
French mechanical cluster



PROJECT SPONSOR

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