

SE (SURFACE ENGINEERING)

# ROOF 2

Optimised coatings for forging tools

BUDGET

€3,274K

GRANTS  
OBTAINED

€1,271K

FUI 12 FUNDING

2011 - 2015

## THE PROJECT

The tools used by die-makers on their presses for the aerospace and automotive markets are subject to severe damage that limits their service life, requires repairs, affects their quality and production flows, thereby negatively impacting productions costs and competitiveness.

The ROOF project takes as its starting point the current unsatisfactory solutions involving manual metal refacing and aims to design multi-material architectures for dies based on the study and parameterisation of the surface functions, and to implement a combination of projection processes in order to apply them in competitive economic conditions.

**ViaMéca**  
Pôle de compétitivité mécanique



### PROJECT SPONSOR

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### CO-ACCREDITING CLUSTERS



#### R&D PARTNERS



Service des Procédés Catalytiques et de Traitement de Surface

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#### GROUP PARTNERS

