

SE (SURFACE ENGINEERING)

# PLUG IN NANO

Nanostructured thin coatings to replace gold for connector and sensor applications

BUDGET

€4,750K

GRANTS  
OBTAINED

€1,820K

FUI 13 FUNDING

2012 - 2015

## THE PROJECT

Gold is an important material in connector applications because of three essential properties (conductivity, malleability and chemical inertness), but the volatility of gold prices poses strategic problems for manufacturers.

The aim of the Plug In Nano project is to show that a technological breakthrough is possible and that gold can be replaced in fields such as hyperfrequency and automotive connectors.

**ViaMéca**  
Pôle de compétitivité mécanique



### PROJECT SPONSOR

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