



# ADHOC

Use of a haptic arm for programming robots  
and multi-axis machine tools

BUDGET

€77K

GRANTS  
OBTAINED

€77K

ANR FUNDING

2012 - 2014

## THE PROJECT

The purpose of the project is to interface a haptic arm with CAD/CAM software in order to:

- Simplify the programming of manufacturing operations
- Instantly evaluate the kinematic behaviour of the machine or tool and correct joint coordinate calculation errors in real time.

This project aims to introduce an important innovation into the process of programming CNC machinery and robots in order to reduce programming costs for a broad range of companies including a large number of SMEs/SMIs.

**ViaMéca**  
Pôle de compétitivité mécanique

### PROJECT SPONSOR

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R&D PARTNERS

