



# VIPA

Individual public autonomous vehicle

BUDGET

€3,375K

GRANTS  
OBTAINED

€K NC

ERDF/LOCAL  
AUTHORITIES  
FUNDING

2008 - 2011

## THE PROJECT

VIPA is the French acronym for "Individual public autonomous vehicle", in other words a driverless electric shuttle vehicle. The main technological innovation lies in a ground-breaking new, low-cost guidance technology. In fact, the VIPA does not use GPS technology, but is based on a system consisting of two video cameras which memorise images of the reference route in order to identify the vehicle's location and enable it to find its way. Its industrial design is expected to lead to a reliable, practical product which will be able to guide itself automatically with a minimum of specific infrastructures. The technical objective of the project is to confirm, by means of a prototype, the industrial feasibility of this driverless electric shuttle by:

- producing a vehicle that is reliable from the mechanical, electronic and information technology points of view
- integrating approval constraints from the outset
- the porting and implementation of algorithms resulting from the research

**ViaMéca**  
French mechanical cluster



## PROJECT SPONSOR

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R&D PARTNERS



SME PARTNERS

