

SapHire

Innovative pH analysis system
for water resources

BUDGET

€652K

GRANTS
OBTAINED

€262K

ANR FUNDING

2012 - 2014

THE PROJECT

The SapHire project proposes an innovative concept for measuring pH, based on the properties of the water-electrode interface.

Unlike existing devices on the market, the technology proposed does not use sensitive membranes as electrodes, but a simple conductive material eliminating the need for frequent calibration, whilst at the same time offering robustness and increased service life of the measuring cell.

One of the project's objectives will be to characterise the electrode materials best suited to the measurement of the pH of all the water types concerned by pH analyses: from the purest waters used in pharmacology through to industrial waste waters, and including surface waters and drinking water.

ViaMéca
Pôle de compétitivité mécanique



PROJECT SPONSOR

IRSTEA

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