

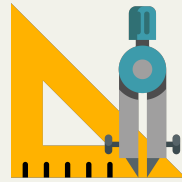
Hydrotube Energie :



Created in 2009



Bordeaux, France



Study



Manufacture



Installation



Maintenance

Instream water turbine

F. Jouanny
CEO



S. Lauret
Electrical engineer

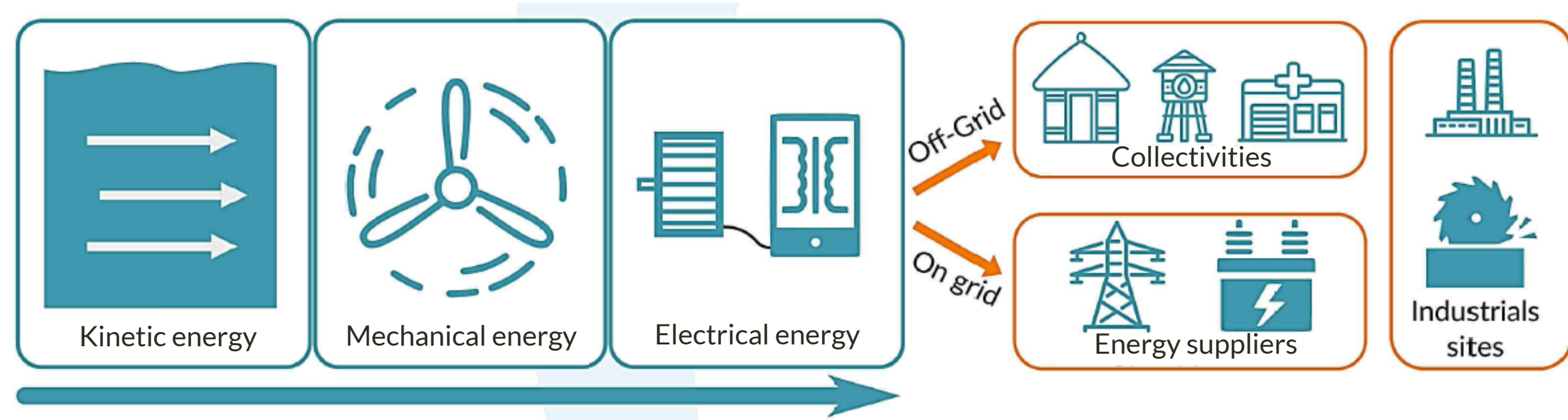


C. De Poumayrac
Business engineer



J. Ledoux
R&D engineer

Instream water turbine concept.

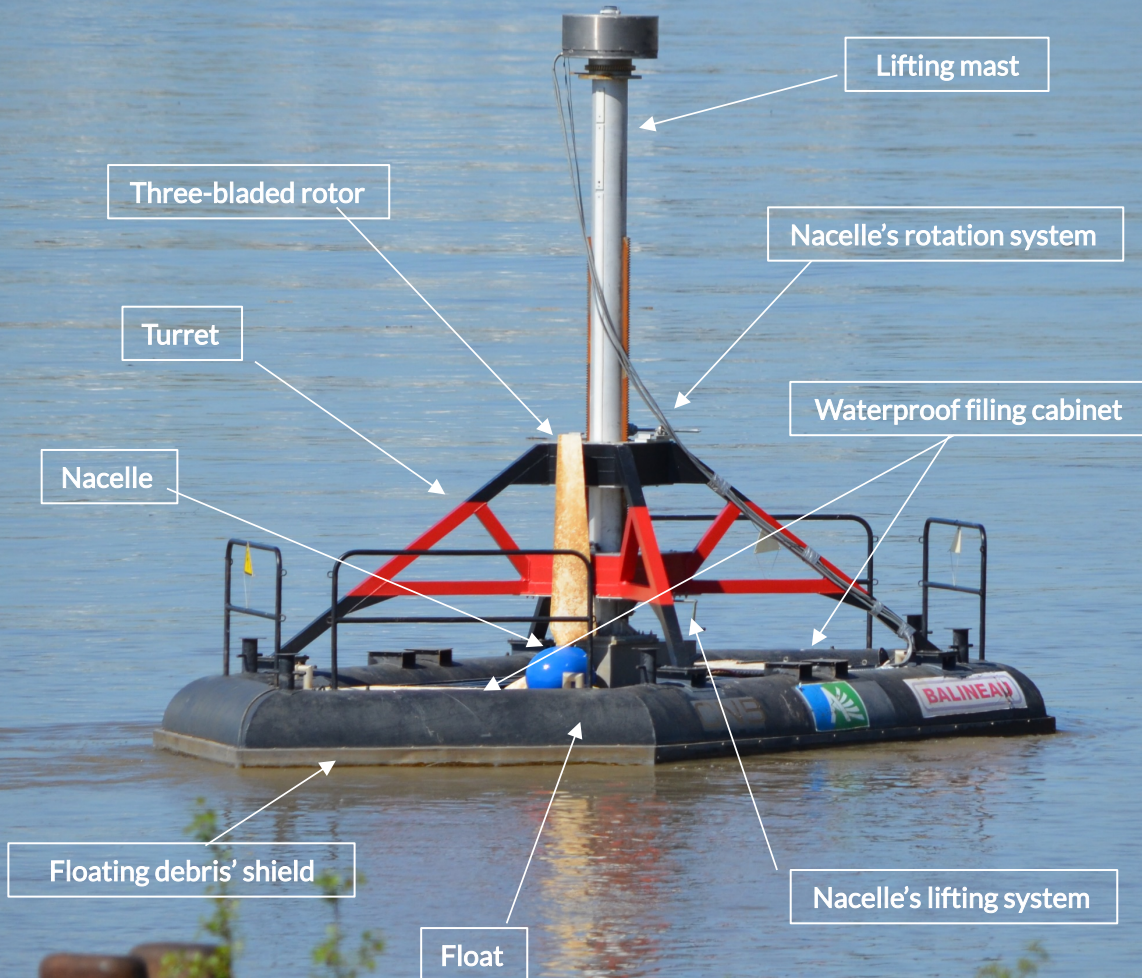


Current :
It's depth and it's flow velocity offers a continuous source of kinetic energy.

Rotor :
It captures kinetic power from the river to turn it into rotational mechanical power.

Generator and electric converters:
Together, they transform mechanical energy into a functional electrical energy (230/400V and 50/60Hz).

Consumers :
Supplied by a three or mono phase electric current, they enjoy a renewable and predictable energy all year round.



H³ « the bidirectionnal » A proven technologie

- 1st installation into the Garonne in Bordeaux in 2015
- No damage on the blade during 3 years of immersion
- Pivoting and lifting systems : 100 % mechanical
- Easy and secured maintenance on board
- Only steel and aluminium used for manufacture
- Electrical power measured up to 18 kW



Reliable



Frugal



Efficient

Our « **Test site** » in Bordeaux A showcase ready to duplicate

- Instream water turbine H³.V2
- Underwater power supply cable
- Electric conversion equipments
- Energy storage
- « Domestic » energy use
- « Industrial » energy use

World 1st company self-supplied by its
own water turbine



- Engineering, Consulting & Manufacturing
- Maritime workers, Mooring & Marine Expertise
- Co-finance Research & Development
 - Numerical analysis & performance optimisation
 - Modeling & simulation of geophysical flows

Paris



Bordeaux



Our partners

Support the project

Hydrotube Energie

Instream water turbine for off-grid electrification