



THE INNOVATION LAB FOR THE BLUE ECONOMY

# OFF-GRID POWER AND SERVICES





## | INNOVATION LAB |

GEPS Techno is an **Innovation Lab** developing customized buoys to power off-grid equipment with marine renewable energies.

Our agility, our **proprietary technologies** and our expertise allow us to carry out rapid development cycles for our customers.



Design of buoys and platforms



Marine renewable energies harvesting and hybridization



Integration, configuration and commissioning



Installation, maintenance and optimization

## | OUR APPROACH |

We support our customers from the definition of their needs to the implementation of a new service. Our team designs tailor-made solutions **by integrating technological bricks** resulting from our R&D programs.



# Creating **new business models** with offshore deployment of autonomous applications

GEPS Techno's solutions are modular and scalable. Here are a few examples of applications :

## | MONITORING |

### Offshore wind and metocean measurements

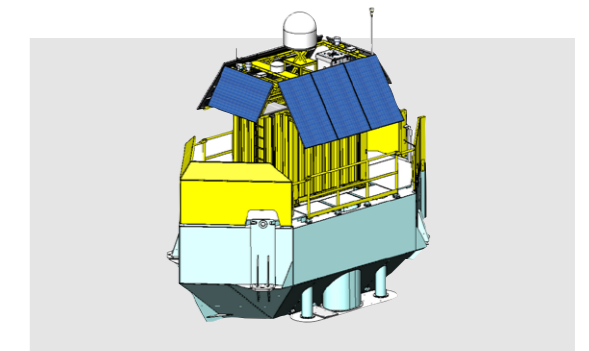


Wavepearl autonomous buoy Solar + wave energy, battery storage + **monitoring instruments**

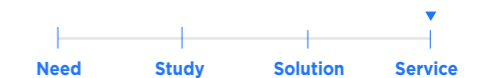


## | SURVEILLANCE |

### Air, surface, subsea domain awareness

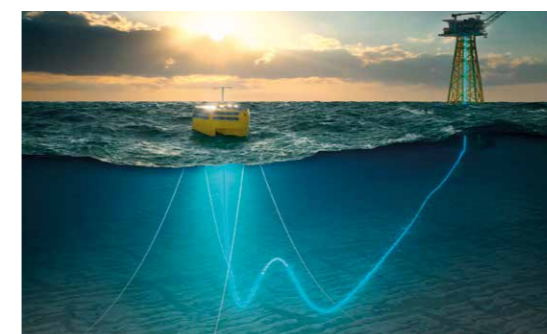


Waveruby autonomous buoy Solar + wave energy, battery storage + **detection equipment** (radar, sonar, etc...)



## | DECARBONIZATION |

### Offshore microgrid

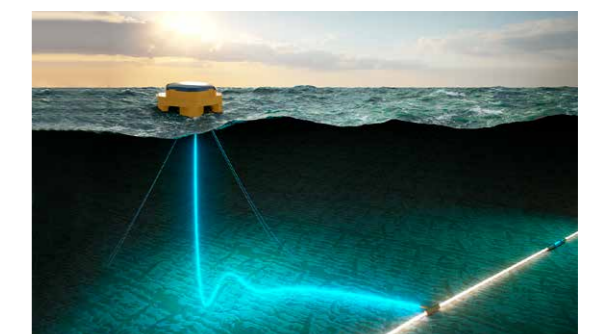


Modular platform Wave + wind + solar energy, battery storage Connected to an **off-grid consumer**

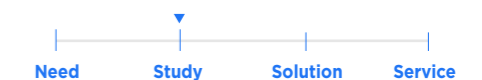


## | COMMUNICATION |

### Power for remote communication infrastructure



Modular platform Wave + wind + solar energy, battery storage Connected to **subsea internet cables**



# 10 years

of R&D programs from  
concept to tests at sea

# 250,000 hours

of offshore services  
and counting!

## WORDLWIDE REFERENCES



CHANTIERS  
DE L'ATLANTIQUE

CNIM  
Imaginer et Agir



DENV-R



ENERGINET



Imodco  
Part of the SBM Offshore® Group

LEGENDRE



Meta



subsea 7

Fondation  
taraocéan  
explorer et partager

TNO  
innovation  
for life



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