

EVOLEN'UP

Startup accelerator in the energy sector
initiated in 2019 by **EVOLEN**

Energies
Aujourd'hui & Demain

Corporate partners:



ET NEXUS



GRDF

GAZ RESEAU
DISTRIBUTION FRANCE



ifp *Energies
nouvelles*

ifremer



SAIPEM

Schlumberger



TechnipFMC



TotalEnergies

VEOLIA

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IMPULSE PARTNERS
Strategy | Innovation | Performance

EVOLEN' UP – ACCELERATE THE ENERGY TRANSITION

Our mission: Search and support new solutions to meet the energy challenges of today and tomorrow

3 guiding principles



TO IMPROVE OUR OPERATIONAL EFFICIENCY

NEW CAPACITY FOR CONCEPTION AND MANUFACTURING
NEW PROCESSES, ROBOTIZATION AND AUTOMATION
DIGITAL TRANSFORMATION SAFETY, CYBER-SECURITY
PROJECT MANAGEMENT METHODOLOGY AND SIMPLIFICATION OF OPERATIONS
LOGISTIC, TRANSPORT, SUPPLY CHAIN



TO REDUCE THE ENVIRONMENTAL IMPACT OF OUR ACTIVITIES

BETTER MANAGEMENT OF THE RESSOURCES USED
RAW MATERIALS, ENERGY, RE-USE, RECYCLING, LCA
TO MEASURE AND MINIMISE EMISSIONS AND DISCHARGES OF ALL TYPE
CAPTURE, STORAGE, VALORISATION OF CO2 (CCUS)
TO ADD VALUE TO UNAVOIDABLE ENERGY
TO DEVELOP THE ENVIRONMENTAL MONITORING OF DIGITAL TRANSFORMATION

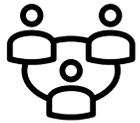


TO DEVELOP LOW-CARBON ENERGY SOLUTION

HYDROGEN GREEN GAS SYNTHETIC FUELS BIOFUELS
GREEN CHEMISTRY GEOTHERMAL ENERGY
MARINE RENEWABLE ENERGIES OFFSHORE WIND
TECHNOLOGIES OF PRODUCTION, STORAGE, TRANSPORT AND DISTRIBUTION OF ENERGY
SYSTEMIC APPROACH / LCA

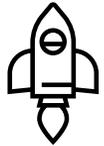
EVOLEN' UP – WHAT WE DO FOR STARTUPS ?

Unique access to decision-makers and industry experts



ACCESS TO EVOLEN NETWORK AND BUSINESS NETWORKING

The winning startups have access to the vast EVOLEN network with more than 250 companies whose expertise covers the entire field of hydrocarbons and new energies.



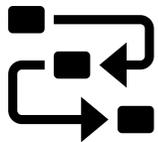
TEST FACILITIES AND INDUSTRIAL SITE FOR EXPERIMENTATION PROJECT

When selected, startups have the opportunity to test their solutions on-site at corporates partners. This support in carrying out field tests is a key step in the startup cycle in order to validate concrete use cases.



CREATING AND DEVELOPING INVESTOR-STARTUP RELATIONS

Once integrated, the winners can benefit from assistance in setting up an investment plan and from contact with targeted investors in the business sectors of EVOLEN' UP.



METHODOLOGICAL AND BUSINESS SUPPORT

Access to specialists and partners' business expertise is part of the EVOLEN' UP promise. Startups benefit from an individualized action plan and are guided towards understanding the partners' markets.

EVOLEN' UP – PROCESS TO INTEGRATE THE ACCELERATOR

Startups will benefit from a customized support for 6 months

STEP 1 | APPLY

Complete your **application form**, our team will take care of the analysis and selection process

[Apply here !](#)



STEP 2 | PITCH

Present your project and **express your development needs** in front to the EVOLEN' UP partners

Criteria assessed by the partners

- 1 THE TEAM**
Complementary skills and ability to develop and lead the project
- 2 TEST THE INTEREST**
Verification that the startup fits the activity, philosophy and vision of EVOLEN' UP partners.
- 3 THE OFFER**
Innovative aspect and distinctiveness of the technology compared to competitors
- 4 THE MARKET**
Potential application markets

STEP 3 | JOIN

Once the mutual interest between you and the partners has been demonstrated, **join the EVOLEN network** and collaborate with EVOLEN' UP partners.



EVOLEN' UP – INTEGRATED STARTUPS

30 startups already integrated since 2019



#IoT
#3D deformation
detection



#magnetic surface inspection
#non-scrappable underground metal
pipes



#asset monitoring
#maintenance, control
and inventory



#predictive maintenance #IoT
#energy signature of equipment



#graphene synthesis
technique



#predictive maintenance
#analysis of electrical signals



#electromagnetic detection
and navigation solutions



#energy storage



#bio-inspired treatment
#surface contamination of
biological origin



#rupture of materials
#failure analysis



#video assistance
#ticketing – technical
support



#power-to-gas
#methanation
#pyrogasification



#water electrolysis
#hydrogen



#visual inspection
#data analysis



#photonic and quantum
solutions #predictive
maintenance



#management of
offshore maritime fleets



#biomimicry
#engine without propeller



#exploration of industrial gases
#helium #hydrogen



#chromatography
#on site #miniaturization



#electrolysis
#hydrogen



#ships
#hydrogen



#cold plasma techniques
#hydrogen



#non-destructive testing
#electromagnetism



#LCA
#eco-design



#biomethane
liquefaction and
storage



#carbon capture
#CO2 mineralization



#ORC engine
#electricity from
unexploited heat



#high pressure volumetric
expansion valves



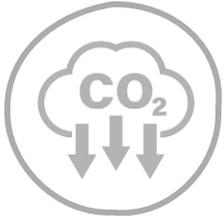
#thermochemical heat battery
#heat redistribution



#modular rooftop
wind turbine

EVOLEN' UP – SELECTION EVENT

The event has taken place on September 21st, 2021



THEME 1

Decarbonization of production and use for Oil and Gas

- **Emission reduction of greenhouse gases**: mainly CO₂, CH₄ ;
- **Monitoring, capture and/or separation of the gases** emitted by industrial processes even at local scale ;
- **Transformation and valorization of CO₂** and emitted carbon ;
- **Geological or chemical storage of gases** especially of CO₂ ;
- **Re-use, recycling and treatment of raw materials** (water included) ;
- **Life Cycle Analysis** (LCA) and **Eco-Design** for products, tools processes and services.

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THEME 2 Sustainable fuels

- **Biofuels second generation** (from lignocellulosic or woody biomass, or agricultural or industrial residues/waste) ;
- **Biofuels third generation** (from algae or microalgae) ;
- **E-fuels defined as gaseous and liquid fuels** such as hydrogen, methane, synthetic petrol, and diesel fuels generated from low-carbon electricity.

THE EVOLEN' UP TEAM



Sylvaine Le Roy-Delage
EVOLEN' UP Director



Marion Desnost
Consultant at Impulse Partners



Jérôme Pasquier
Manager at Impulse Partners



In a multi-energy world, support Oil, Gas and New Energies actors in developing responsible, sustainable and economical solutions to promote access to energy for all and accelerate the energy transition.

+250 companies

EVOLEN's mission is to lead and represent a community of industrial actors in France and abroad.

Its priorities:

- Support our companies in their growth initiatives in France and abroad
- Encourage and promote innovation – support projects and startups
- Contribute to disseminating scientific, technical and economical knowledge
- Promote expertise, integrate and enhance skills

IMPULSE PARTNERS
Strategy | Innovation | Performance

Supporting startups in the development of their activities, their offers, and their access to the market.

+600 Startups

+100 Partners

+50 VCs Investors

IMPULSE PARTNERS is a strategy consulting firm that works with major industrial companies on strategy, innovation and performance. IMPULSE helps its partners meet the challenges of growth, identify opportunities, rethink business models and review innovation strategy.

IMPULSE PARTNERS also develops startup platforms in close collaboration with industrial decision-makers, local authorities and specialized investors. The IMPULSE teams detect the most innovative and promising startups and put them in touch with industry leaders in order to accelerate their development.

Integrated startups:



FOR MORE INFORMATION:



Corporate partners:



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