

EVOLEN'UP

The startups accelerator in the energy sector

by **EVOLEN**
Energies
for Today & Tomorrow



EVOLEN' UP – ACCELERATE THE ENERGY TRANSITION

The EVOLEN' UP mission is to open up EVOLEN's industrial ecosystem to all startups with innovative solutions in order 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
SOBRIETY

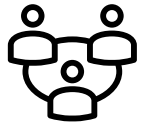


TO DEVELOP LOW-CARBON ENERGY SOLUTION

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

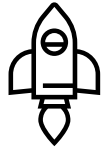
EVOLEN' UP – WHAT CAN WE DO FOR STARTUPS ?

A unique access to decision-makers and industry experts



ACCESS TO EVOLEN NETWORK AND BUSINESS NETWORKING

An extensive network of more than 250 qualified professionals, industrials, research centres, etc. to cover the whole energy value chain, a set of meetings dedicated to the energy sector, promotion through media.



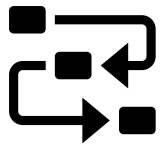
TEST FACILITIES AND INDUSTRIAL SITE FOR EXPERIMENTATION PROJECTS

An exciting opportunity for startups to co-build, test and validate solutions on-site at corporates partners.



CREATING AND DEVELOPING INVESTOR-STARTUP RELATIONS

Increase visibility and credibility in the market and among investors, support to set up an investment plan, get in touch and collaborate with strategic and targeted investors (e.g. business angels, venture capital, etc.) in the business sectors of EVOLEN' UP.



METHODOLOGICAL AND BUSINESS SUPPORT

An exclusive access to experts in the partners network, training plans, tailored action plans, analysis of the environment (e.g. market, competitors, threats, opportunities, etc.).

EVOLEN' UP – PROCESS TO INTEGRATE THE ACCELERATOR

Startups will benefit from a customized support

STEP 1 | APPLY

Complete an **application form** as a startup and the EVOLEN' UP team will review and select the best applications

[Apply here !](#)



STEP 2 | PITCH

Present project / solution and **detail specific development needs for the startup** 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**
Startups' vision, capabilities and activities to match EVOLEN' UP partners' interests
- 3 THE OFFER**
Innovative solution and technological differentiation with competitors
- 4 THE MARKET**
Potential application markets

STEP 3 | JOIN

Join the **EVOLEN network** as a startup and collaborate with the EVOLEN' UP partners, after reaching out a mutual interest with them



60 winners



Promo 1	2019	 #IoT #vibrations	 #magnetic surface inspection	 #asset monitoring	 #IoT	 #graphene coating system		
Promo 2	2020	 #analysis of electrical signal	 #electrical detection system	 #energy storage	 #bio-inspired treatments	 #failure analysis	 #video assistance	
Promo 3	2020	 #methanation unities	 #water electrolysis	 #visual inspection	 #photonic and quantum solutions	 #data management – maritime fleets	 #boat motor without propeller	
Promo 4	2021	 #exploration of industrial gases	 #chromatography	 #electrolysis	 #ships #hydrogen	 #cold plasma technique	 #non-destructive testing	
Promo 5	2021	 #eco-design	 #biomethan liquefaction and storage	 #CO2 mineralization	 #ORC engine	 #high pressure volumetric expansion valves	 #thermal battery	 #wind turbine #solar panels

Promo 6

2022



#additive
#graphene



#healable composite



#concrete
#carbon storage and use



#3D model



#carbon fibre stone



#decarbonation
#monitoring



Promo 7

2022



#liquid hydrogen
#liquefaction



#hydrogene
#waste water



#cooling needs



#fuel-cell hydrogen



#compressor
#thermo-chemical



#liquid hydrogen



#liquid air storage

Promo 8

2023



#CO2 capture
#climate tech



#efficacité énergétique



#hydrogen
#marine engine



#IoT
#waste heat



#water management



#monitoring
#non-destructive testing



#renewable energy
#water treatment



#NV quantum captors
#non-destructive testing



#optimisation
#captor #winf farm

Promo 9

2023



#green chemical



#ultrasound technologies/signal



#CO2 capture



#hydrogen



#waste heat
#cooling



#LiDAR



#electrification
#recycling



#hydrogen

EVOLEN' UP – NEXT SELECTION EVENT

The event will take place in April



THEME N°1

THE ROLE OF WATER IN THE ENERGY TRANSITION

- Monitoring, analysis of pollutant
- Water effluent treatment: process, innovative material
- Water optimisation - Recycling – Re-use – Recovery and valorisation of raw material (i.e. industrial solvent recovery ammonia)
- Water quality, pollution management

👉 *To learn more about the new call for solutions, [click here!](#)*

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THEME N°2 OFFSHORE WIND ENERGY

- Offshore
- Wind turbine or wind propulsion
- Conception: global design or specific part
- Durability improvements: cables protection, erosion from sea currents
- Predictive maintenance, repair
- Materials Recycling – Re-use
- Compatibility with environment
- Biodiversity integration. Impact study on biodiversity
- Intermittency management & hybrid fleet management

👉 To learn more about the new call for solutions, [click here!](#)



EVOLEN supports companies and professionals in the energy sector to develop sustainable and economically reliable solutions with an easy access to all, in order to achieve in the energy transition towards zero carbon emission in 2050.

 **300 companies**

The aim of the partnership is to facilitate and represent the energy community in our industry in France and on an international scale.

Our priorities :

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

 **IMPULSE PARTNERS**
Strategy | Innovation | Performance

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

 **+1000 Startups**

 **+150 Partners**

 **+50 VCs Investors**

IMPULSE PARTNERS is a strategy consulting firm working with major industrial companies on strategy, innovation and performance topics. IMPULSE helps its partners meet growth challenges, to identify opportunities, to rethink business models and to 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.



OUR PARTNERS

FOR MORE INFORMATION:
<https://www.evolenup-en.com/>



EVOLEN' UP – WINNING STARTUPS