

Hydrogen Business For Climate Forum 2nd forum on 8 and 9 November 2022 in Montbéliard

A forum for innovation and acceleration
to develop synergies between key players
throughout the hydrogen sector.

The professionals of the global hydrogen sector will attend the upcoming Hydrogen Business For Climate Forum.

In Montbéliard, on 8 and 9 November 2022, guests, international experts and nearly 500 high-level executives from the public and private sectors, businesses, politicians, academics, influencers and disruptors will come together to initiate and develop cooperation with a view to accelerating the implementation of tangible solutions.

2 days to share their vision, experience and innovations to support the deployment of low-carbon and renewable hydrogen in France and Europe.

The programme of the 2022 forum will include:

- **Built around plenary conferences, B2B meetings, site visits, an exhibition area involving 50 players representing the entire hydrogen value chain and new high points:**

3 innovation and acceleration labs focusing on mobility, adoption and scaling up will be coordinated by a team of 16 designers and facilitators from the Codesign-it collective, who are well accustomed to the challenges of accelerated and highly competitive innovation.

- **And supported by partners who wish to contribute to the development of the Hydrogen sector.**

About:

ENGIE is a global reference group in low-carbon energy and services. With its 170,000 employees, customers, partners and stakeholders, ENGIE is devoted each day to ramping up the transition to a carbon-neutral world, with more energy-efficient and environmentally friendly solutions. Guided by its rationale, ENGIE combines economic performance with positive impact on people and the planet by drawing from its core businesses (gas, renewable energy, services) to provide its customers with competitive solutions.

ENGIE aggregates all the initiatives of citizens throughout the world who, like us, have started to take action in the name of the common good. These agents of change take alternative routes. They try new things, innovate, bring others on board. What their initiatives have in common is their positive impact on the world and the fact that they can be successfully scaled up.

<https://www.engie.fr>

Faurecia: Founded in 1997, Faurecia has become a major player in the global automotive industry. With 257 industrial sites, 39 R&D centres and 111,000 employees in 33 countries, Faurecia is a world leader in its four business areas: Seating, Interiors, Clarion Electronics and Clean Mobility. The Group's 2021 turnover was €15.6 billion.

Faurecia has made sustainable mobility its strategic priority. Now Faurecia is at the heart of a growing ecosystem of partners who support the large-scale industrialisation and adoption of hydrogen mobility. Faurecia positions itself as a provider of H2 storage solutions for all through on-board storage (mobility), hydrogen distribution and stationary storage, and has set out a clear roadmap to develop hydrogen solutions adapted to various use cases for private cars, utility vehicles, logistics, industries and beyond over the coming decade. Faurecia's ambition is to become a global leader in hydrogen mobility and aims to achieve €3.5 billion in revenue by 2030.

<https://www.faurecia.com/>

Hynamics is the wholly-owned subsidiary of the EDF group that produces and sells low-carbon hydrogen; it targets the two markets with the most CO2 emissions, i.e. industry and heavy public and occupational mobility.

It produces hydrogen by water electrolysis, a CO2-free technology when the electricity is produced using carbon-free methods.

Hynamics proposes a turnkey offer: it invests in production and distribution structures and supervises, operates and maintains facilities.

In April 2022, the EDF group announced a new industrial plan dedicated to 100% low-carbon hydrogen and determined new ambitions:

- developing 3 GW of electrolytic hydrogen projects worldwide by 2030,
- leveraging €2 to €3 billion worth of investment,
- becoming one of Europe's leaders in the production of 100% low-carbon hydrogen.

<https://www.hynamics.com>

ISTHY: unique in France, ISTHY will test and certify tanks and other hydrogen storage systems in a completely independent and impartial manner on behalf of French and international manufacturers, parts manufacturers and industrial companies, in particular for the automotive sector.

Located in the heart of the Territoire de Belfort, in Bourgogne-Franche-Comté, five external units will perform gas, pressure and mechanical tests on stationary, on-board and transported storage systems.

ISTHY is a collaborative centre that will provide public or private research bodies with its equipment, industrial knowledge and expertise, while also offering training.

The ISTHY testing and certification centre, backed by the REI Group, received the support of the Bourgogne-Franche-Comté Region and the Maugis Fund.

<https://www.isthy.fr>

McPhy: a major industrial player on the market of hydrogen production and distribution equipment, McPhy contributes to the international deployment of green hydrogen as an energy transition solution.

By its very nature, its business model is based on supporting the transition of national and European customers in the industrial, mobility and energy sectors towards carbon intensity reduction.

Since 2021, McPhy has significantly scaled up its operations in order to contribute, on an industrial scale and in a competitive manner, to the completion of projects of environmental, technological and economic interest.

McPhy specialises in hydrogen and is uniquely positioned. It offers a range of production and/or distribution equipment aligned with the activities and needs of all kinds of organisation. Its "systems" approach combines electrolysers with hydrogen stations so as to play a key part in low-carbon industrial or territorial ecosystem projects.

As a "native European" company with centres of expertise in France, Germany and Italy, McPhy has strong ties with the European industrial and commercial fabric. McPhy is listed on the Euronext Paris stock exchange (compartment C, ISIN code: FR0011742329, mnemonic code: MCPHY). www.mcphy.com

Enedis: actively involved in the ecological transition, Enedis experiments and innovates by using hydrogen with a view to decarbonising its activities.

Direction Régionale Bourgogne, in conjunction with Stellantis, is testing the operational implementation of a hydrogen-powered fuel cell electric utility vehicle. Our agents in the Dijon operational base will be able to compare this vehicle with a battery-powered electric utility vehicle. We intend to challenge its ergonomics and driving range based on technical needs.

Direction Régionale Alsace-Franche-Comté is testing the decarbonation of temporary power supply solutions. Our generators use fossil fuels and we would like them to use green hydrogen. To achieve this, we are working with Faurecia on the creation of a hydrogen storage system to avoid having to constantly recharge the generators.

Lastly, we are working with Grand Belfort and UTBM on the "Sustainable city demonstrators" programme. As such, we innovate with a view to circumventing the intermittent nature of renewable energy using innovative storage systems, in particular for hydrogen.

<https://www.enedis.fr>

FEV is an international engineering group, the preferred partner of industrial players in the French mobility sector. As we have our own test equipment, we help our customers develop electrical (including batteries), hydrogen or alternative fuel propulsion systems. We also develop our own test bench and equipment solutions.

FEV develops fuel cell and hydrogen engine technologies applied to the automotive, bus, truck, off-road, marine, rail and aeronautical domains. FEV creates fuel cell or hydrogen combustion engine benches.

FEV is involved in the entire process, from concept definition through to production launch, including integration into the vehicle: benchmarking, simulation, design, safety system, software development, calibration, tests and approval.

<https://www.fev.com/en/france.html>

H2 Motronics: H2K is a high-performance demonstrator with a modern mode of propulsion, illustrating the performance and effectiveness of the hydrogen fuel cell technology in a demanding environment - a racing motorbike – with strict requirements in terms of COMPACTNESS and PERFORMANCE.

This concept, supported by the H2 Motronics design office, a subsidiary of the TEXYS Group based in Nevers, will result in a propulsion solution serving LIGHT MOBILITY needs on land, at sea and in the air.

Drawing from the TEXYS Group's core business, the H2K project has triggered the development of specific mechanisms and sensors dedicated to hydrogen applications.

With their offering and 360° technical assistance (optimised components, sensors, electronic management), they have managed to secure their first order in the light aviation sector, thus ensuring the supply of their H2 powertrain.

<http://www.h2motronics.com/>

Hyliko is the first carbon negative hydrogen-powered heavy mobility facility. Hyliko provides truck users with an integrated solution: vehicle rental and maintenance, supply of hydrogen with a negative carbon footprint in their network of stations, carbon footprint tracking and management, including the integration of carbon credits into the accounts. The hyliko solution is billed on a per-use basis and meets the needs of the most demanding road transport users: regional, distribution and worksite supply, from 19t carrier trucks to 44t tractor trailers. With Hyliko, decarbonate your transport operations 3 times as fast.

<https://hyliko.com>

To learn more: <https://hydrogenbusinessforclimate.com/en/>

About Hydrogen Business For Climate

A transnational event, the Hydrogen Business for Climate Forum is organised by the Pôle Véhicule du Futur Competitiveness Cluster, with support from the French State, the Bourgogne-Franche-Comté region, the Pays de Montbéliard Agglomération, the City of Belfort and Grand Belfort, in partnership with the AER BFC (the Regional Economic Agency of Bourgogne-Franche-Comté), the ADN FC (the Economic Development Agency of Nord Franche-Comté), the CCI, the EEN (Enterprise Europe Network), FC Lab, Femto ST and the ADEME. Its mission is to bring about the hydrogen energy transition in France and Europe.

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Our Gold partners



Our Silver partners

