

## PRESS RELEASE

Lyon, 16st April, 2018

### Success on all fronts for the second edition of the HyVolution Hydrogen Energy Days

HyVolution, the benchmark gathering of Hydrogen sector stakeholders in Europe, took place on 4th and 5th April this year at Paris's *Parc Floral*.

This second edition was organized by GL events Exhibitions in partnership with AFHYAC, the French hydrogen and fuel cell association. As well as companies and institutions directly involved in the sector, it also attracted energy and transport professionals along with local and regional government delegations.

Over the event's two days, over 800 participants from France and abroad had the chance to find out, learn, and discuss the latest news from the French and European markets: energy issues, hydrogen solution supply and demand, concrete achievements, the expanding offering, and innovation.

Three years after COP21 and the Paris Agreements, in the midst of busy political and economic news at both national and European levels, the hydrogen community has its sights set on a major role in the French energy landscape. It took advantage of this impressive gathering to step up a gear.

#### A unifying event facilitating encounters and new relations

A genuine vehicle for accelerating the development of European markets, with a friendly ambience on a friendly scale, HyVolution was a crossroads for exchanges between key hydrogen sector stakeholders, national and regional public and private decision makers, and people from industry and science over its 2 days. This year's participation was notable for the many directors of famous companies and institutions who attended. Bosch, BPCE, DGA-Ministry of Armed Forces, EDF, Eiffage Énergie, Naval Group, PSA, RATP, Tenergie, TIGF, Transdev, and more were present.

All 812 attendees (25% up on 2016) were able to, among other things,

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- **Discover all the available solutions and innovative technologies** for transport and energy storage that were presented on the stands of the 60 exhibitors and sponsors.

Most notable at this second edition was **the presence of new exhibitors** and **especially the regional authorities** who came along to showcase their actions, their impetus, and their energy policy in favour of hydrogen: the regions of Auvergne-Rhône-Alpes, Normandy, Occitanie and Pôle Capenergies representing Provence-Alpes-Côte d'Azur were all present.

- **Take part in very high-level conferences chaired by 45 highly rated experts from France and abroad**, who gave their visions and concrete illustrations of hydrogen's contribution to the energy transition: feedback, opportunities, strategic information.  
Three half-day sessions on different topics took place over the two days, mainly addressing the following issues:
  - Hydrogen's role in the energy transition
  - The regions as today's key promoters of the energy transition and hydrogen projects
  - A vast array of applications for using and cashing in on hydrogen
- **Join in the first Finance and Investment Forum dedicated** to the hydrogen sector: investment opportunities, business models, public actions in France and Europe.
- **Take part in the 22 workshops** led by exhibitors or partners and tackling some of the conference subjects in greater depth
- **Test drive hydrogen vehicles** in real conditions in the outstanding setting of Paris's *Bois de Vincennes*.

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## Key facts and figures from HyVolution 2018

- 60 exhibitors and sponsors
- 812 attendees, 25% up compared with the 2016 edition
- 17% of participants from outside France
- 45 speakers from France and abroad
- 19 countries represented
- + over 60 test drives of the Toyota Mirai
- 22 workshops led by our exhibitors and partners

## An event featuring many highlights and announcements

Several strong signals were sent out during the event, testifying to the sector's vibrancy and the success of HyVolution. Some important announcements came from private and public stakeholders alike:

- **Presentation of the results of “Developing hydrogen for French economy”, a study of prospects carried out by McKinsey consultants for AFHYPAC and 11 other partners\***

For the opening of the 2018 edition of HyVolution on 4th April in Paris, AFHYPAC—the French hydrogen and fuel cell association—presented the results of a study on hydrogen deployment prospects in France on the 2030 and 2050 horizons. This study highlights the major contribution made by decarbonized hydrogen technologies toward achieving the ambitious goals set by France in the scope of the Paris Agreements, opening up real prospects of ecological and economic growth for French industry.

By 2050, hydrogen could cater for 20% of the nation's energy needs and could power 18% of its vehicle fleet. This would equate to a 55-million tonne reduction in CO<sub>2</sub> emissions—a third of the reduction required to meet the reference scenario. From now to 2050, the hydrogen sector would generate a 40 billion-euro turnover and account for over 150,000 jobs.

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\* CEA, Air Liquide, Alstom, EDF, Engie, Faurecia, Hyundai, Michelin, Plastic Omnium, SNCF, Total, and Toyota. Study (in French) downloadable from the AFHYPAC site:

[http://www.afhypac.org/documents/news/pdf/Afhypac\\_Etude%20H2%20Fce\\_VDEF.pdf](http://www.afhypac.org/documents/news/pdf/Afhypac_Etude%20H2%20Fce_VDEF.pdf)

- **Signing of two partnership agreements by Engie Cofely for development of hydrogen in the Var department and the Brittany region**
  - Julien Chauvet, manager of Engie Cofely H2 France, Jacques Bianchi, chairman of the Var CCI (chamber of commerce and industry), Stéphane Clair, general manager of the Paul-Ricard motor circuit, and Christophe and Yves Arnal, directors of *Les Bateliers de la Côte d'Azur*, signed a partnership agreement on 4th April this year to develop hydrogen energy at two iconic economic clusters in the Var department.  
The concrete outcome of this partnership, resulting from the response to the "Territoires Hydrogènes" project submission contest run by the Var CCI, will notably be the installation of a hydrogen renewable production unit on the Paul-Ricard motor circuit site, which can refuel passenger and utility vehicles on the Plateau de Signes business park, and the development of a hydrogen refuelling service in Toulon harbour for a passenger launch operated by *Les Bateliers de la Côte d'Azur*.
  - The second partnership agreement signed was between Engie Cofely, Morbihan Energies, and public financier *Caisse des dépôts* for the setting-up of a joint company to develop the hydrogen sector in Brittany. "This future joint company will pursue development in the Morbihan department of a first infrastructure for the distribution and renewable production of hydrogen along with hydrogen vehicle hire. It will help underpin the EFFIH2 Valves/Bretagne project, awarded a quality/performance label in the scope of the "Territoires Hydrogènes" project submission contest, and notably the installation of a hydrogen renewable production system for the Michelin factory in Vannes."
- **The Normandy region** took advantage of the HyVolution event to show off the progress of its EAS-HyMob project as well as its overall hydrogen strategy, accompanied by economic development agencies, research laboratories, and businesses.
- **The Occitanie region**, in partnership with AFHYPAC, launched the "Hydrogen in the Regions" days scheduled for 26th and 27th September this year in Toulouse. This will be a key gathering of the sector's stakeholders and of regions committed to the roll-out of hydrogen solutions.
- **Safra**, the automotive company from southwest France, presented its new electric and zero-emission hydrogen bus projects to the public for the first time.

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Safra is banking more than ever on its “Businova”, a rechargeable, hybrid electric, low-emission vehicle, which went on the market in 2015. The company, based in the town of Albi, is already busy expanding the range with the development of a zero-emission hydrogen bus.

- **Energy Observer**, an advanced research ship, **was represented on the stands of three project partners** as a witness to hydrogen’s place in the energy transition and as a laboratory experimenting on the intermittence of natural renewable energy.

The **ENGIE** stand had a model of the ship, while the **Toyota** exhibition space featured a display column with explanations. The ship’s designer, CEA-Liten, screened the Energy Observer’s 2017 retrospective along with a motion design film explaining the ship’s technology, while also incorporating their mobile exhibition of the 2018 Mediterranean Tour.

Energy Observer is a project involving an experimental vessel and its expedition, which sets out to find concrete, innovative, efficient solutions to further the energy transition. The technologies on board make it the world’s first vessel capable of producing its own decarbonized hydrogen, thanks to its energy mix.



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# HyVolution

2018 EDITION • HYDROGEN ENERGY DAYS

**4 & 5 APRIL 2018**  
PARC FLORAL DE PARIS - FRANCE

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## About

### MAIN ORGANIZER

**GL events Exhibitions:** With 350 events organized worldwide, some reserved for professionals, others open to the public, GL events Exhibitions has developed unrivalled expertise in the business of organizing exhibitions, a business which must keep pace with exacting marketing, communication, and organizational techniques, while staying in close touch with the players in its markets.

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**PARC FLORAL DE PARIS - FRANCE**

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**ASSOCIATE ORGANIZER**

**AFHYPAC:** The French hydrogen and fuel cell association sets out to unite all French stakeholders in this industrial sector: large corporations, SMBs, research institutes, laboratories, universities and higher schools, technical centres, users and customers, associations, local and regional authorities, and competitiveness clusters.

Its ambition is to accelerate the development of hydrogen solutions to the benefit of the energy transition, economic growth, and quality of life.

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