

Under the High Patronage of  
Mr Emmanuel MACRON  
President of the French Republic

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# Hyvolution A WORLD OF HYDROGEN PARIS

1<sup>ST</sup> & 2<sup>ND</sup> FEBRUARY 2023

PORTE DE VERSAILLES FRANCE

## PRESS KIT



EUROPE'S LEADING GATHERING  
OF STAKEHOLDERS IN GREEN HYDROGEN  
FOR ENERGY, INDUSTRY AND TRANSPORTATION!



In collaboration with:



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PARIS.HYVOLUTION.COM  

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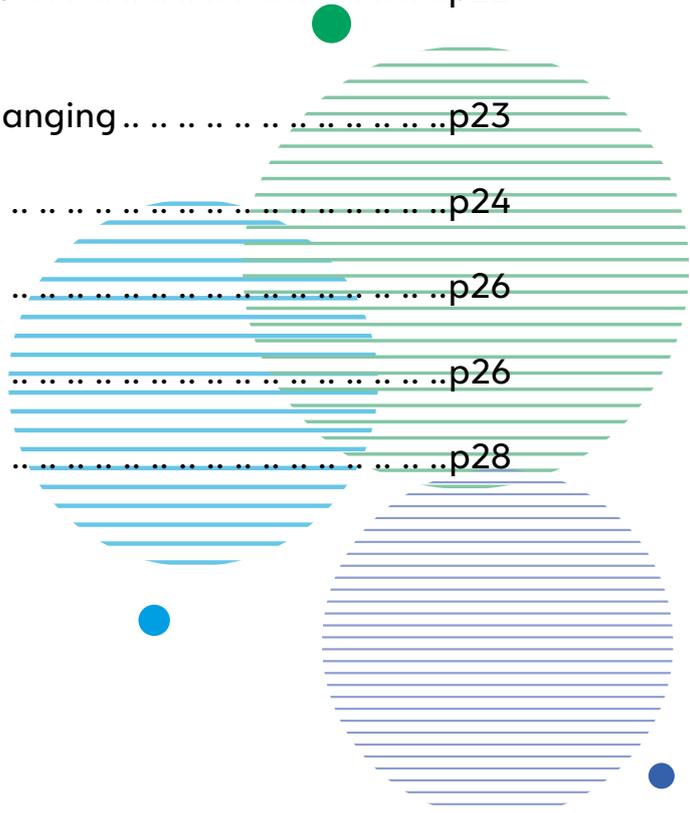
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# Edito Pierre Buchou

## Welcome to Hyvolution Paris!

The 6<sup>th</sup> edition of Hyvolution Paris will open its doors in a context the likes of which would have been hard to imagine in 2016 when the event was created—so recent yet so long ago.

The energy sector as a whole has seen upheaval on a scale nobody expected, in both its magnitude and its geopolitical and socio-economic repercussions.

At the core of these unprecedented changes affecting our energy systems, Hyvolution Paris assumes its European leadership and pulls all the stops out with this unifying event. In concrete terms, our staff and partners have harnessed their forces to create the best possible conditions for doing business and enabling rewarding encounters for all!

This mobilization has borne fruit: 400 exhibitors in one place for the first time in Europe, in an extraordinary panorama featuring 70 interactive workshops and theme-based sessions led by over 100 speakers, as well as a jobs & training campus that addresses the necessary upgrading of skills. On top of all these highlights, the major new feature at this edition is “Hyvolution Summit”, a place and a gathering specifically designed to inspire dialogue among 400 economic and political deciders.

Several thousand professional visitors are expected, many of them preparing or concretizing projects in the areas of transportation, energy, infrastructures, or industry. This buzz is a recognized asset of Hyvolution Paris and is furthered by digital tools, which are finding more and more use.

These days, hydrogen is a subject of worldwide interest, with more and more countries committing to the hydrogen path. Hyvolution Paris heeds the call on all fronts—exhibitors, visitors, delegations, international stands—while 2023 also sees the launch of Hyvolution Chile, scheduled for 28–30<sup>th</sup> June in Santiago! And it doesn't stop there, with events in other countries rapidly taking shape.

Hyvolution Paris is a tremendous crossroads for opportunities, an opening onto all the hydrogen markets in France, Europe, and the world. This impetus owes much to the array of committed stakeholders working with us, with France Hydrogène at the vanguard.

Thank you to everyone and welcome to Hyvolution Paris.

**Pierre Buchou,**  
**Hyvolution trade shows manager**

Division Greentech+ - GL events



# Trade show facts & figures



**12**

PARTNERS FROM  
THE INSTITUTIONS

**5**

SPONSORS



**100+**

SPEAKERS

**70+**

EXHIBITOR AND  
PARTNER WORKSHOPS



**400**

EXHIBITORS  
AND BRANDS

**33 %**

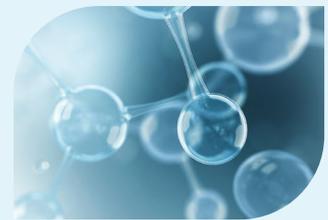
up on 2022

almost  
**40%**

FIRST-TIME  
EXHIBITORS

**1**

EUROPEAN  
SUMMIT



**22%**

OF EXHIBITORS  
FROM OUTSIDE  
FRANCE



**12**

COUNTRIES  
PRESENT

**15**

REGIONS

**11**

IN FRANCE

**1**

JOBS  
& TRAINING  
CAMPUS



**3**

FORUMS

**1**

OUTDOOR  
EXHIBITION  
AREA

**13**

CAC 40  
CORPORATIONS

# Hydrogen roll-out in France: 250 district-level projects and ecosystems identified up to 2030

Source: France Hydrogène

An unprecedented data gathering operation by France Hydrogène has revealed over 250 regional or district-level projects and ecosystems. Using various indicators—installed production capacities, hydrogen uses, the state of resources, limiting factors—the “Roadmap of a bold 2030 ambition for hydrogen” study measures the sector’s roll-out up to this horizon, thus providing a comparison of the two 2021 scenarios for the future, “Ambition” and “Ambition+”, with real projects undertaken by industrial companies and district councils.

## A DECARBONIZED HYDROGEN PRODUCTION POTENTIAL THAT EXCEEDS NATIONAL STRATEGIC OBJECTIVES

The study results estimate a hydrogen production potential of approximately 1,070,000 tonnes by 2030, spread across the whole of France and representing 15 to 25 projects per administrative region. These



strong roll-out forecasts leave little doubt that the objective set in the national hydrogen strategy—6,500MW of production in France by 2030—will be met and even exceeded.

## HYDROGEN USES BY 2030: INDUSTRY EXPANDS ITS VOLUMES WHILE REGION-WIDE TRANSPORTATION EXTENDS ITS REACH

The decarbonization of industry remains the No.1 vector for massive expansion, while the sector’s transportation and energy storage solutions are developing at their own, quite different paces:



	“Ambition” Scenario (H <sub>2</sub> tonnes/year)	“Ambition+” scenario (H <sub>2</sub> tonnes/year)	Projected roll-outs by 2030 (H <sub>2</sub> tonnes/ year) December, 2022
Industry	475,000	635,000	815,000
Transportation	160,000	325,000	230,000
Energy	45,000	130,000	25,000
<b>Total</b>	<b>680,000</b>	<b>1,090,000</b>	<b>1,070,000</b>



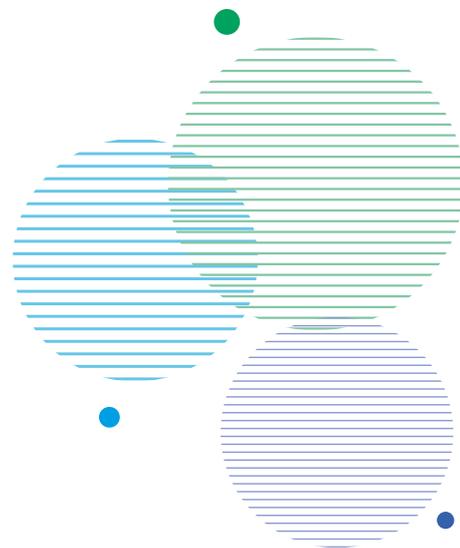
A closer look at industry reveals, on one hand, rather “conventional” industrial uses like refining or ammonia production, while confirming the ongoing dominance of iron & steel, with 250,000 tH<sub>2</sub>/year, and on the other hand, considerable use in the production of synthetics: over half of green and renewable hydrogen production is consumed by projects involving the manufacture of ecological methanol (e-methanol) and other e-fuels, adding up to 425,000 tH<sub>2</sub>/year.

Also on the 2030 horizon, transportation projects, notably road haulage, can lead to hydrogen roll-out across whole regions. These projects amount to roughly 230,000 tH<sub>2</sub>, or 20% of French production potential: 225 hydrogen filling stations are due to open in France by 2025, with at least ten or so in each administrative region.

Hydrogen for rail travel also contributes to region-wide coverage in order to fuel the 14 “Regiolis” H<sub>2</sub> train sets ordered by four regions (Auvergne-Rhône-Alpes, Bourgogne-Franche-Comté, Grand-Est, and Occitanie) and due to enter service by 2025. As regards sea and river transport, thirty or so projects with power requirements from 200kW to 2.5MW for passenger shuttles, port vessels, and inland navigation craft have been identified, along with quayside refilling solutions. Last but not least, the air transport sector is banking on hydrogen to help decarbonize its uses, notably in propulsion systems (turbojet or fuel-cell powered electric

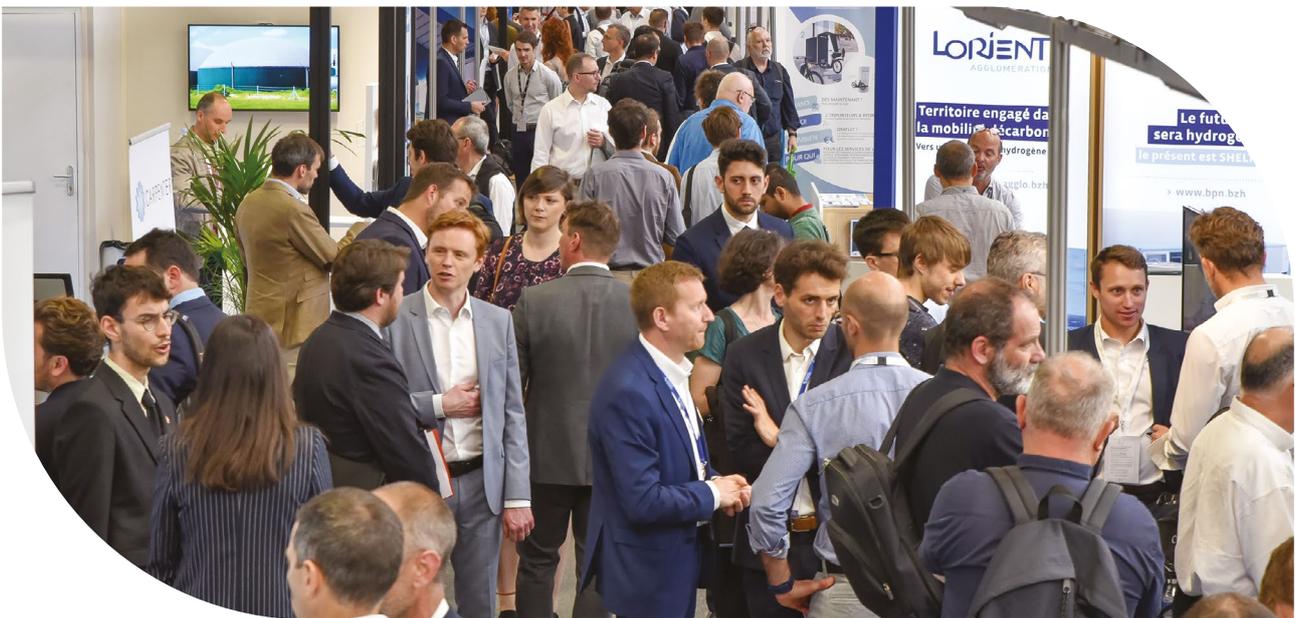
motors), on-board auxiliary or standby power systems, and the replacement of kerosene by e-kerosene made from renewable or low-carbon hydrogen.

As for hydrogen’s use as an energy vector, although there wasn’t much of it on view among the short and medium term projects recorded, it nonetheless constitutes a concrete solution for addressing electricity transport grid flexibility issues as well as uses independent of the grid (autonomous local energy supply loops, off-grid sites, generator sets, standby systems, etc.).



(1) <https://www.france-hydrogene.org/publication/trajectoire-pour-une-grande-ambition-hydrogene-a-2030-industriels-et-territoires-concretisent-les-ambitions/>

# Hyvolution Paris 2023, new date, new venue, new format: the trade show that brings you the hydrogen experts



© N. Rodet

Hyvolution is a trade show organized by the GreenTech+ division of the GL events group, whose mission is to provide a unique shop window that taps into the synergy of gatherings touched by the common themes of ecological innovation and sustainable development.

GL events created GreenTech+ to take up a full-time, active part in the world's big environmental issues, with a format unique in its genre that builds bridges between the sectors of the future and maximizes their visibility. GreenTech+ is the accelerator via which the GL events group undertakes to accompany the sector's stakeholders in their

developments and in their search for the solutions of tomorrow, while instilling an ever-greater eco-awareness and responsibility among our citizens.

## A UNIQUE OFFERING IN EUROPE

With 400 exhibitors and brands in attendance (33% up on the 2022 edition), including all the sector's leading lights, Hyvolution continues to grow and assert its international outreach. For 40% of these companies, it will be their first ever presentation at Hyvolution.

With 13 top quoted (CAC 40) French corporations, 15 regions (11 in France), 12 countries with stands and delegations, and

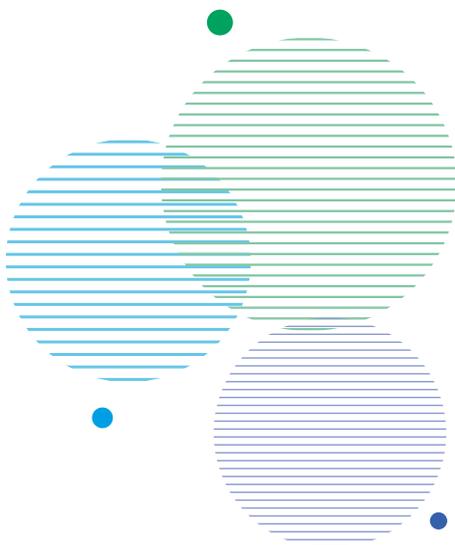


22% of companies from abroad, the event will provide a unique European platform for meeting and exchange.

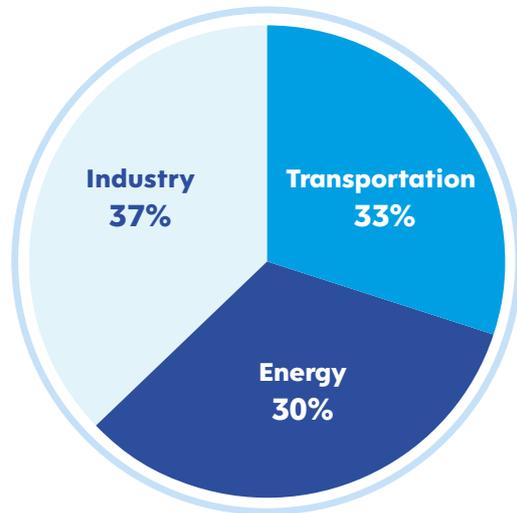
Setting the rhythm over these two invaluable days for the worldwide hydrogen community will be almost 70 interactive sessions across three forums, the Hyvolution Summit (international congress where hydrogen leaders trade thoughts), an outdoor exhibition area, and a space dedicated to jobs and training. Also in the news: a first international edition of Hyvolution, in Chile, is already scheduled for 28th to 30th June, 2023 at the Santiago Metropolitan centre.

HyVolution is a milestone event that unifies all hydrogen sector stakeholders. With many industrial companies present, it boasts a unique offering in Europe spanning the whole hydrogen value chain from production to monetization and including all the technological building blocks.

The full array of solutions for energy, transportation, and industry is on display at Hyvolution, providing the sector's developers and deciders with all the answers they need for their project roll-outs.



### Exhibitor split: the three destination markets



### FRENCH REGIONS OUT IN FORCE

11 French regions with a very dynamic portfolio of active projects will be represented at Hyvolution in order to promote their local businesses and their regional hydrogen strategies and initiatives: Auvergne-Rhône-Alpes, Bourgogne-Franche-Comté, Brittany, Grand-Est, Hauts de France, Ile de France, Normandy, Nouvelle Aquitaine, Pays de Loire, Provence-Alpes-Côte d'Azur.

### EXTENSIVE, GLOBAL OUTREACH

Hyvolution will be well represented on the international front:

- 22% of exhibiting companies from outside France
- 7 countries hosting pavilions to promote their national strategies and businesses: Germany, Canada, Chile, Denmark, the Netherlands, Belgium, Ukraine.





We expect to see many international delegations among the visitors, representing Germany, Africa, Chile, Denmark, Croatia, India, Italy, Morocco, Mauritania, Slovakia, the USA, Ukraine, and others.

### **QUALIFIED, RELEVANT VISITORS, DECIDERS FROM ALL MARKETS**

In 2022, Hyvolution welcomed 4,548 professionals across its two days, while over 760 joined in via Hyvolution Connect. Among them were many project instigators and European deciders in the energy, industry, and transportation markets.

For this new edition, The Hydrogen Event aims higher still and makes a clear promise: to promote and bring forth every opportunity in this rapidly expanding sector to all its stakeholders.

### **Who are the professional visitors?**

#### **Breakdown of the 2022 visitorship:**

- 23% - Energy sector
- 20% - Engineering firms, consultants, and services
- 18% - Specifiers
- 16% - Hydrogen specialists and industry
- 10% - Transportation sector
- 7% - Schools, press, institutions
- 6% - Local authorities



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# An innovative programme to make all the difference

## **NEW FEATURE: HYVOLUTION SUMMIT, A CONGRESS WHERE POLITICAL AND ECONOMIC LEADERS EXCHANGE THOUGHTS**

Delving deep into the current European and worldwide energy and political context, addressing political as well as corporate expectations, Hyvolution 2023 offers a new format and a new platform at the centre of its proceedings. Hyvolution Summit, a congress whose aim is to assemble many political and economic deciders, investors, and corporate chiefs who are committed to constructing a hydrogen society.

This congress, which features simultaneous interpretation in English and French, will be

the occasion for revealing and reviewing the sector's big strategic announcements, for trading visions, and for presenting the sector's latest key studies.

In the aim of bringing peers together to allow outstanding networking opportunities across a community of 400 corporate directors, Hyvolution Summit has organized a high-level dialogue between political and economic leaders on **Thursday, 2<sup>nd</sup> February, 9.30am to 4.15pm.**

A dedicated mobile app is being rolled out for the exclusive use of participants. The app will enable networking and the arrangement of business meetings between Summit attendees, consultation of the full congress programme, and exclusive playback of the conferences for two months.

*Access by paid subscription or on invitation. Program in page 21.*

## **EVEN MORE SHARING AND EXCHANGES IN THREE WHOLE FORUMS!**

Three Forums will host 70 short-format (20-minute) interactive workshops where exhibiting companies and partners can step forward and speak. There will also be theme-based sessions centred on projects currently being rolled out.



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### The five session themes:

- Need for and development of a network of hydrogen service stations
- Use of hydrogen in heavy transport
- Accounts of hydrogen use in ports and ships
- Users' experience of hydrogen-powered industrial forklifts in logistics
- Debriefing on real-use cases of hydrogen in industry

### Forum figures in a nutshell:

- **3** areas, each holding **80** persons
- **5** theme-based sessions
- **40** exhibitors & sponsors
- **7** partners
- **6** countries and international organizations
- **9** regions
- Over **70** interactive workshops

### Hyvolution meets “Women in Green Hydrogen”

Many women will be taking the floor to speak in this new edition's three forums. Moreover, an agreement has been signed between Hyvolution and “Women in Green Hydrogen”, a network

of enthusiastic women working in the green hydrogen sector.

To raise the profile of women's words and expertise in this sector, and to assist their stance, women will be a force to be reckoned with among the forum speakers.



### A DEDICATED JOBS AND TRAINING AREA

For the second year running, Hyvolution offers jobs & training a central place at the trade show, with an area dedicated to assisting job seekers as well as companies in the sector who are recruiting new staff or want to upgrade their existing skills. The Jobs & Training Campus (“Campus Emploi Formation”) is jointly organized with the webzine [emploi-environnement.com](http://emploi-environnement.com).



### Jobs & training campus encompasses several areas:

- A TV stage where the themes of employment, training, and skill upgrades will be promoted through interviews with firms, regional councils, institutions.
- A “jobs express” area where recruiters and job seekers can meet and discuss job offers
- A “jobs wall” displaying all the available job vacancies
- An area dedicated to the presentation of existing training programmes



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...

This service, eagerly awaited by all professionals, is complemented by the in-show presence of various training bodies and recruitment agencies

### HYVOLUTION CONNECT, THE DIGITAL PLATFORM THAT HELPS FOSTER NEW RELATIONS

## Hyvolution CONNECT

A genuine tool at the core of Hyvolution's value promise, this platform facilitates the initiation of new relations and enables business opportunities between stakeholders.

Now a major expectation for participants, Hyvolution Connect enables all professionals—exhibitors, visitors, and partners alike—to multiply their contacts with others, to network ahead of the event, and to arrange in-show or video business appointments.

With Hyvolution Connect, visitors also have all information relevant to their visit at their fingertips—access badge, exhibitor list,

programme, exhibition floor plan, practical information, etc.—along with playback of the workshop sessions.

### BUSINESS APPOINTMENTS AREA

To facilitate dialogue between participants of different vocations, there is a dedicated area where business appointments can be kept.

With fifteen or so numbered tables, this area is ideal for head-to-head meetings. 395 business appointments were made and kept at the last edition. In the wake of that success, we have renewed the service, which is available to visitors and exhibitors alike.

### AN OUTDOOR EXHIBITION

For a hands-on appreciation of currently available transportation solutions, a large collection of hydrogen powered vehicles and machinery will be on display in an outdoor exhibition area: utility vehicles, generator sets, road sweepers, hydrogen bikes, Mission H24 racing cars, and more.



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# Hyvolution A WORLD OF HYDROGEN

## PARIS

1<sup>ST</sup> & 2<sup>ND</sup> FEBRUARY 2023

PORTE DE VERSAILLES

# Program



# FORUM 1

## Wednesday February 1<sup>st</sup>

9.30 - 9.50am	Empower safety in Hydrogen Transitioning.	Teledyne Gas and Flame Detection	
10.00 - 10.20am	Meet Women in Green Hydrogen: introducing objectives, actions and added value of the network.	Women in Green Hydrogen Haffner Energy Sciences Po	
10.30 - 10.50am	Presentation of the study "A road-map for an ambitious hydrogen strategy by 2030: Industry and local authorities put their vision into practice", by France Hydrogène.	France Hydrogène	
11.00 - 11.20am	Hydrogen in the United Kingdom and in Scotland: Update and Opportunities	UKHFCA - UK Hydrogen and Fuel Cell Association, SDI Scottish Development International	
11.30 - 11.50am	Renewable electricity supply value chain: feedback and perspectives.	EY CVE	
12.00am - 1.00pm	Development and needs of a hydrogen filling station network.		 
2.00 - 2.20pm	Sharing lessons learned from the world's most efficient ammonia to hydrogen conversion project in the UK.	Equans, H2Site	
2.30 - 2.50pm	H2 Corridors : Come to the French region «Grand Est»!	Région Grand Est	
3.00 - 3.20pm	AVL Hydrogen Service Offer for mobility and stationary applications - Internal Combustion Engine and Fuel Cell.	AVL France SAS	
3.30 - 3.50pm	Alp'Hyne Mont-Blanc.	Bouygues, Autoroutes et Tunnel du Mont Blanc (ATMB) Verso Energy La Banque des Territoires	
4.00 - 4.20pm	Hydrogen Projects Bankability and Certification.	MEDEF International, Bureau Veritas, Chrystalchain	
4.30 - 5.20pm	The hydrogen economy across Germany: invest, cooperate, export, repeat...	e-mobil BW Germany Trade & Invest (GTAI) Hy-5 Saxony VDMA	

# FORUM 1

## Thursday February 2<sup>nd</sup>

<b>9.30 - 9.50am</b>	Low-carbon hydrogen guarantees of origin - Certification schemes in Europe and worldwide.	TÜV SÜD France SAS	
<b>10.00 - 10.20am</b>	Accelerate sustainable mobility by carbon free public transport solutions.	SAFRA	
<b>10.30 - 10.50am</b>		UKHFCA - UK Hydrogen and Fuel Cell Association SDI Scottish Development International	
<b>11.00 - 11.20am</b>	Hydrogen micromobility for everyone.	Pragma Industries	
<b>11.30 - 11.50am</b>	Renewable electricity supply value chain: feedback and perspectives.	EY	
<b>12.00 am - 01.00 pm</b>	Hydrogen use in heavy-duty transport.		 
<b>2.00 - 2.20pm</b>	Hydrogen Development Occitanie, feedback on seven years of support for the hydrogen sector in Occitanie Region.	AD'OCC - Agence Régionale de Développement Économique Région Occitanie/ Pyrénées-Méditerranée	
<b>2.30 - 2.50pm</b>	How can demand be stimulated locally to absorb the growing supply of low carbon hydrogen and ensure the profitability of projects?	Capgemini	
<b>3.00 - 3.20pm</b>	Hydrogen H2 Refueling and Connecting Technology by WALTHER PRAEZISION.	Walther PRAEZISION, Walther France SARL	
<b>3.30 - 3.50pm</b>	Cutting-edge Technologies for Industry and Research: analysis, testing and control.	Horiba	
<b>4.00 - 4.20pm</b>	Engineering, Production, Storage, Distribution - status of a few key projects of ENGIE in France, along the renewable hydrogen value chain.	Storengy, ENGIE Thermal & Supply France, ENGIE Solutions, Engie, Tractebel	

Program as of 13/01/2023 - subject to change

# FORUM 2

## Wednesday February 1<sup>st</sup>

10.00 - 10.20am	Denmark - Power-to-X solutions: Projects and Experiences.	<i>COP - Copenhagen Offshore Partners, Nel Hydrogen, DEIF A/S, Green Hydrogen Systems</i>	
10.30 - 10.50am	Hydrogen, key element of low carbon strategy for the first French harbour on the French Atlantic coast.	<i>Région Pays de la Loire, Lhyfe, Grand Port Maritime Nantes Saint Nazaire</i>	
11.00 - 11.20am	Heavy Duty Mobility decarbonization: HyAMMED and R'HySE projects in South of France.	<i>Air Liquide</i>	
11.30-11.50am	Shaping trust with transparency: certification to serve hydrogen production	<i>Bureau Veritas</i>	
12.00am - 1.00pm	Testimonials about Hydrogen use in ports.		 
2.00 - 2.20pm	DENMARK - Green Hydrogen and Power to X opportunities.	<i>Royal Danish Embassy of Paris, Invest in Denmark - Danish Ministry of Foreign Affairs, Cleantech, Lhyfe</i>	
2.30 - 2.50pm	Territorial Hydrogen Ecosystems: assessment, feedback and perspectives.	<i>ADEME</i>	
3.00 - 3.20pm	How high power fuel cell will decarbonize the heavy mobility and stationary applications.	<i>INOCEL</i>	
3.30 - 3.50pm	Auvergne-Rhône-Alpes confirms its position as leading region in hydrogen mobility.	<i>Région Auvergne Rhône Alpes</i>	
4.00 - 4.20pm		<i>ITM Power PLC</i>	
4.30 - 4.50pm	Launching of an open season for an hydrogen transmission network in Fos-sur-Mer area.	<i>GRTGaz</i>	
5.00 - 5.20pm	Retrofit: an efficient solution to accelerate hydrogen mobility for commercial vehicles.	<i>DB Schenker, FORVIA Faurecia, e-Néo</i>	
5.30 - 5.50pm	Challenges on the mass electrolysis production.	<i>GIMELEC</i>	

# FORUM 2

## Thursday February 2<sup>nd</sup>

9.30 - 9.50am		<i>Evolen</i>	
10.00 - 10.20am	JUPITER 1000 project, 1 <sup>st</sup> feedback.	<i>GRTgaz</i>	
10.30 - 10.50am	e-Néo: decarbonizing heavy mobility through e-conversion.	<i>E-Néo</i>	
11.00 - 11.20am	Innovation support: Interim review and prospects of the ADEME call for projects « Briques technologiques et démonstrateurs hydrogène ».	<i>ADEME</i>	
11.30 - 11.50am	How to make airports hydrogen ready?	<i>Air Liquide, Groupe ADP, Airbus</i>	
12.00am - 1.00pm	EU regions at the forefront of H2 deployment: examples from France, Germany, Poland, Portugal and Spain.		
2.00 - 2.20pm	Which holistic approaches to decarbonize freight and mobility activities and to identify Hydrogen-based relevant use cases? Focus on EVE Programme feedback and Mobilipro initiative.	<i>Jardel Services, ADEME</i>	
2.30 - 2.50pm		<i>WaterstofNet</i>	
3.00 - 3.20pm	Regional grid of hydrogen heavy mobility in Nouvelle-Aquitaine.	<i>Région Nouvelle Aquitaine</i>	
3.30 - 3.50pm	Hydrogen Compressors for European H2 Mobility and Industrial Applications.	<i>PDC Machines</i>	
4.00 - 4.20pm		<i>Cleantech Business Club</i>	

Program as of 13/01/2023 - subject to change

# FORUM 3

## Wednesday February 1<sup>st</sup>

10.00 - 10.20am	Accelerate development of large-scale MW production units, infrastructure and refuelling stations with field proven automation partnership.	Emerson Automation Solutions	
10.30 - 10.50am	Optimizing total cost of ownership in power conversion for large scale green hydrogen production.	AEG Power Solutions	
11.00 - 11.20am	Which territories for hydrogen ecosystems in Paris Region?	Région Île de France AREC Île-de-France	
11.30 - 11.50am	Plastic Omnium hydrogen solutions – the road to industrialization.	Plastic Omnium	
12.00am – 1.00pm	User Experiences with Hydrogen-powered Industrial forklift trucks in logistics		 
2.00 - 2.20pm	earth2 – A European initiative for subsurface hydrogen.	Pôle Avenia	
2.30-2.50pm	Decentralised extraction of Hydrogen from Green Ammonia –An Efficient and Scalable Solutions by FLOX conversion technology.	WS Reformer GmbH	
3.00 - 3.20pm	Process safety at the heart of new hydrogen applications.	Dekra, Hynology	
3.30 - 3.50pm		Clean Hydrogen Partnership (CHP)	
4.00 - 4.20pm	How to measure the carbon footprint of a green hydrogen project?	CVE Group	
4.30 - 4.50pm	A unique and complete ecosystem for driving on hydrogen (H2 light commercial vehicles, H2 refueling station...).	Hyvia	
5.00 - 5.20pm	Energy management system: how to optimise hydrogen production costs?	ABB, Hynamics (EDF Group)	
5.30 - 5.50pm		H2 Chile, Hyvolution Chile	

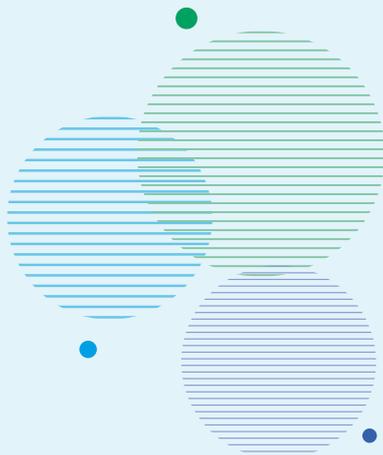
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# FORUM 3

## Thursday February 2<sup>nd</sup>

10.00-10.20am		Schneider Electric France	
10.30 - 10.50am	Hydrogen boats: 3 use cases showing the industrial stakes of the decarbonisation of the fleet in Brittany.	Bretagne Développement Innovation, Lorient Agglomération, Barillec Marine, CMV Amphibie	
11.00 - 11.20am	Green hydrogen: a sustainable solution to decarbonize road freight transport.	Hyliko, Groupe Bert & You - Transport et Logistique	
11.30 - 11.50am		Région Normandie	
12.00am - 1.00pm	Testimonials about Hydrogen Use in the Industry.		 
2.00 - 2.20pm	A unique and complete ecosystem for driving on hydrogen (H2 light commercial vehicles, H2 refueling station...).	Hyvia	
2.30 - 2.50pm	Hydrogen in the South region, a euromediterranean dynamic	Cluster Capenergies	
3.30 - 3.50pm	Air Products: Hydrogen solutions today for the decarbonation of industrial and mobility activities.	Air Products	
4.00 - 4.20pm	Sagemcom Products Portfolio for the Production of Green Hydrogen.	Sagemcom	

Program as of 13/01/2023 - subject to change



## **NATIONAL AND INTERNATIONAL HYDROGEN STRATEGIES FOR TACKLING THE ENERGY TRANSITION CRUNCH**

Do the ambitions being stated, not just in France but in Europe and worldwide, measure up to the issues?

High-profile representatives provide a worldwide vision of strategies

## **FUNDING: THE CHALLENGE OF A LARGE-SCALE ROLL-OUT**

Investment funds, banks, international bodies—how the financial community is getting involved and mobilizing large-scale resources

## **INDUSTRY, TRANSPORTATION: CAN HYDROGEN ROLL-OUTS BOOST DECARBONIZATION?**

Two major hydrogen-using sectors will be giving their accounts and analyses on the evolution of needs and of the markets.

## **HYDROGEN VALLEYS, ECOSYSTEMS, AND HUBS: HOW DISTRICTS AND REGIONS ARE MOBILIZING RESOURCES**

This round-table talk will showcase the role of regions, towns, ports, and airports in the roll-out of hydrogen enabled by ambitious local strategies.

### **JUST SOME OF OUR HIGH-PROFILE SPEAKERS:**

- **Mr Laurent ANTONI**, Executive Director IPHE
- **Mr Bart BIEBUYCK**, Executive Director, Clean Hydrogen Partnership
- **Mr Philippe BOUCLY**, Chairman, France Hydrogène
- **Ms Valérie BOUILLON-DELPORTE**, 1st Vice President - France Hydrogène Ecosystem Director - Michelin
- **Mr Nicolas BRAHY**, Board member H2 mobility Germany GmbH, General Counsel, Hy24
- **Mr Jorgo CHATZIMARKAKIS**, CEO Hydrogen Europe
- **Mr Eric DELOBEL**, Vinci Airports board member, Technical Director and expert contact at VINCI Concessions Hydrogen Skills Hub
- **Mr Stefan HERBST**, Technical Head Powertrain Hydrogen and Fuel Cell Business Unit, Toyota Motor Europe's
- **Mr Didier HOLLEAUX**, Executive Vice President, Engie
- **Mr Thierry LEPERCQ**, Executive Chairman, Hydeal
- **Ms Karolina LIPINSKA**, Deputy Director, Department for Economic Development – Pomorskie province
- **Mr Pierre-Germain MARLIER**, Investment Vice President, Hy24
- **Mr Hemant MISTRY**, Director Energy Transition, IATA
- **Mr Valérie RUIZ-DOMINGO**, Group Hydrogen Vice President, Engie
- **Mr Antoine TRIEUX**, Managing Director Industry Banker Energy Transition Head of New Energies Corporate & Investment Banking
- **Mr Thierry TROUVÉ**, CEO GRTgaz, member of the board Entso-gas
- **Ms Marilène TURCOTTE**, South West Europe Vice President - Air Liquide
- **Ms Rosalinde VAN DER VLIES**, Director European Commission DG Research & Innovation
- **Mr Nico VAN DOOREN**, Head of Business Development, Port of Rotterdam Authority

*The list is not yet closed*

# Program **SUMMIT**

## Thursday February 2<sup>nd</sup>

10.00am

OPENING - Welcome Address

Philippe Pasquet  
GL Events

**10.15-11.15am**

### **NATIONAL AND INTERNATIONAL HYDROGEN STRATEGIES TO FACE THE ENERGY TRANSITION EMERGENCY**

10.15-10.30am

Introduction

Philippe Boucly - France Hydrogène

10.30-11.15am

Round-table

Rosalinde van der Vlies - European Commission  
Laurent Antoni - IPHE  
José Miguel Capdevila Villarroel, Ambassadeur du Chili  
Michael Starbæk Christensen, H.E. Ambassador - Ambassador of Denmark to France  
Jorgo Chatzimakakis, Hydrogen Europe

**11.15am-12.00pm**

### **FUNDING: THE CHALLENGE OF LARGE SCALE ROLLOUT**

11.15-11.20am

Introduction

Christelle Werquin - France Hydrogène

11.20am-12.05pm

Round-table

Pierre Germain Marlier - Hy24  
Nor Mebkhout - EIB  
Matthieu Lance - Crédit Agricole Assurance  
Antoine Trieux - Natixis

**12:05 - 12:20**

### **KEYNOTE SPEECH BY ENGIE**

Hydrogen Developments: where are we? how to accelerate?

Didier Holleaux & Valérie Ruiz-Domingo - Engie

**2.00- 3.30pm**

### **INDUSTRY, MOBILITY: CAN THE ROLLOUT OF HYDROGEN ACCELERATE DECARBONIZATION?**

2.00-2.05pm

Introduction

Valérie Bouillon Delporte - France Hydrogène

2.05-2.30pm

First session: Airport hubs' overview

Hemant Mistry - IATA  
Eric Delobel - Vinci Airports

2.30-3.00pm

Second session: Update on road vehicles

Stephan Herbst - H2 Council & Toyota  
Jean Michel Billig - Stellantis  
Prof. Dr. Christian H. Mohrdieck - Hydrogen Europe à cellcentric  
Nicolas Brahy - H2 mobility Germany, Hy 24

3.00-3.30pm

Third session: Industry and infrastructure

Thierry Lepercq - Hydeal  
Jonathan Weber - SHS SAARSTAHL  
Thierry Trouvé - GRTgaz, Entso-gas

**3.30-4.30pm**

### **HYDROGEN VALLEYS, ECOSYSTEMS & HUBS: HOW LOCAL TERRITORIES ARE MOBILIZING RESSOURCES**

3.30-3.35pm

Introduction

Valérie Bouillon Delporte - France Hydrogène

3.35-4.30pm

Round-table

Bart Biebuyck - Clean Hydrogen Partnership  
Nico van Dooren - Autorité portuaire de Rotterdam  
Karolina Lipinska - Department for Economic Development, Poland  
Marilene Turcotte - Air Liquide

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President of the French Republic

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# Hyvolution 2024, three days for even more sharing and exchanging



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To help tackle the sector's growing ambitions, at the next edition in 2024, Hyvolution will run for three days instead of two to allow an even more thorough response to the sector's and market's expectations. This now cardinal venue for meeting and exchange will thus be even better placed to fulfil the needs expressed by stakeholders.

The dates:

**30<sup>th</sup> & 31<sup>st</sup> January and 1<sup>st</sup> February, 2024**

The venue:

**Paris Expo, Porte de Versailles, France**

Hyvolution Paris 2024 will feature an even more extensive offering in Hall 4, with its larger exhibition floor.

## About the **organizer**

Made by



### **GL EVENTS EXHIBITIONS OPÉRATIONS**

With 200 events organized worldwide for professionals and the general public, GL events Exhibitions has unequalled expertise in organizing exhibitions and trade shows—a business that must stay abreast of increasingly specialized marketing, communication and organizational techniques while retaining close ties with market players. The Hyvolution exhibition is organized by the GreenTech+ division of GL events, which also manages eight other major gatherings: BePOSITIVE, Expobiogaz, Eurobois, Horizonia, Open Energies, Paysalia, Piscine Global Europe, Rocalia.

GreenTech+ is the division of the GL events group, providing a unique shop window born from the synergy of gatherings that touch on common themes of ecological innovation and sustainable development.

GL events created GreenTech+ to take up a full-time, active part in the world's big environmental issues, with a format unique

in its genre that builds bridges between the sectors of the future and maximizes their visibility. GreenTech+ is the accelerator via which the GL events group undertakes to accompany the sector's stakeholders in their developments and in their search for the solutions of tomorrow, while instilling an ever-greater eco-awareness and responsibility among our citizens.





### FRANCE HYDROGÈNE

With over 460 member companies and institutions, France Hydrogène is the united face of French stakeholders in the sector, structured along the whole value chain: industrial corporations developing large-scale projects, innovative smaller businesses and start-ups supported by laboratories and research excellence centres, trade associations, schools, competitiveness clusters, and regional and district councils with a strong involvement in the deployment of hydrogen solutions.

As the privileged interlocutor with the country's powers, France Hydrogène acts across all the critical areas:

- Representing all hydrogen sector stakeholders
- Making the issues widely known and promoting the sector's solutions
- Acting as the invaluable go-to expert
- Rolling out hydrogen
- Boosting the French hydrogen sector's outreach.

France Hydrogène assists the sector all the way down to the coalface with its twelve regional delegations.

**Its ambition:** to accelerate the development of hydrogen solutions for a successful energy transition, to reindustrialize the country, and to create local value to improve everyone's quality of life.

# Annexes

## Practical information

### DATES AND TIMES

Wednesday 1<sup>st</sup> February: 9am–7pm

Thursday 2<sup>nd</sup> February: 9am–6pm

### VENUE

Hall 6, Paris Expo Porte de Versailles,  
1 place de la porte de Versailles  
75015 PARIS - FRANCE

### ACCESS

#### PUBLIC TRANSPORTATION

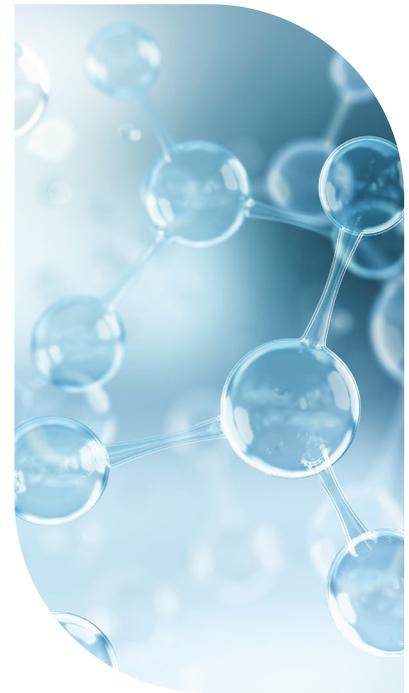
As part of its CSR approach, Viparis encourages sustainable mobility. The following public transport services serve Paris Expo Porte de Versailles:

- **METRO:** Line 12, Porte de Versailles station - exit 1 to access Pavilions 2 to 7
- **TRAMWAY:** T2 and T3a, Porte de Versailles - Parc des Expositions station
- **BUS:** Line 80, Porte de Versailles - Parc des Expositions station and line 39, Desnouettes station
- **BICYCLE:** Vélib' station on avenue Ernest Renan

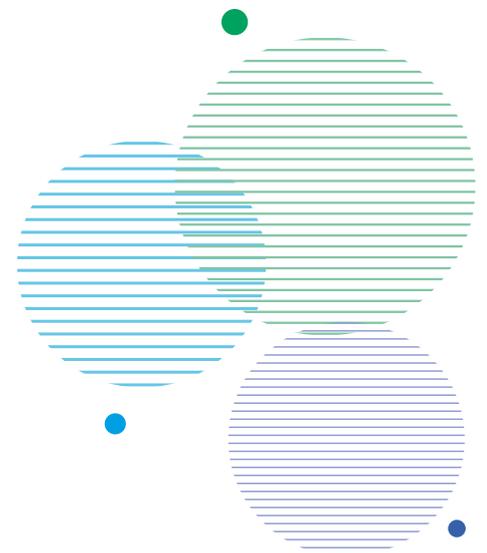
#### BY CAR

Parking 6

Access Place des Insurgés de Varsovie, 75015 Paris



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## BY PLANE

### From Roissy - Charles de Gaulle airport:

- RoissyBus to Paris - Opéra, metro line 8 direction Balard to Madeleine, metro line 12 direction Mairie d'Issy to Porte de Versailles - Parc des Expositions
- RER B towards Saint-Rémy-lès-Chevreuse to Cité Universitaire, tramway T3 towards Pont du Garigliano to Porte de Versailles - Parc des Expositions

### From Orly airport:

- Orlyval to Antony, RER B to Cité Universitaire, tramway T3 to Porte de Versailles - Parc des expositions
- Orlybus to Denfert-Rochereau, RER B to Cité Universitaire, tramway T3 to Porte de Versailles - Parc des expositions

## Trade show restricted to professionals

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 : <https://paris.hyvolution.com/fr>

 : <https://twitter.com/HyVolution>

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 : HyVolution - YouTube

## PRESS CONTACT

### AC CONSULTING

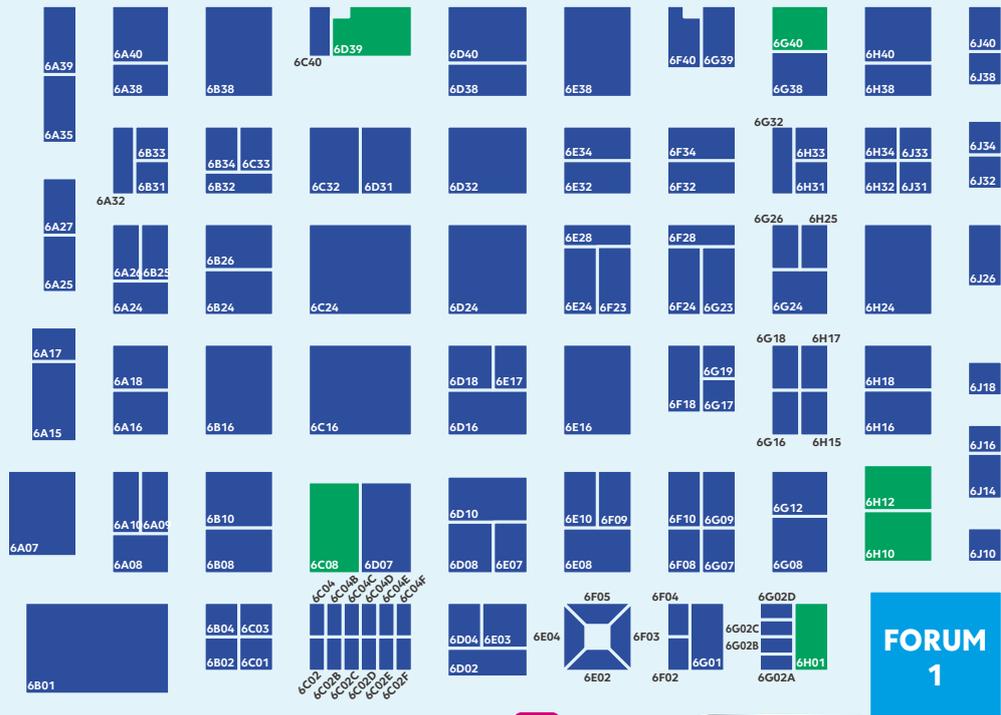
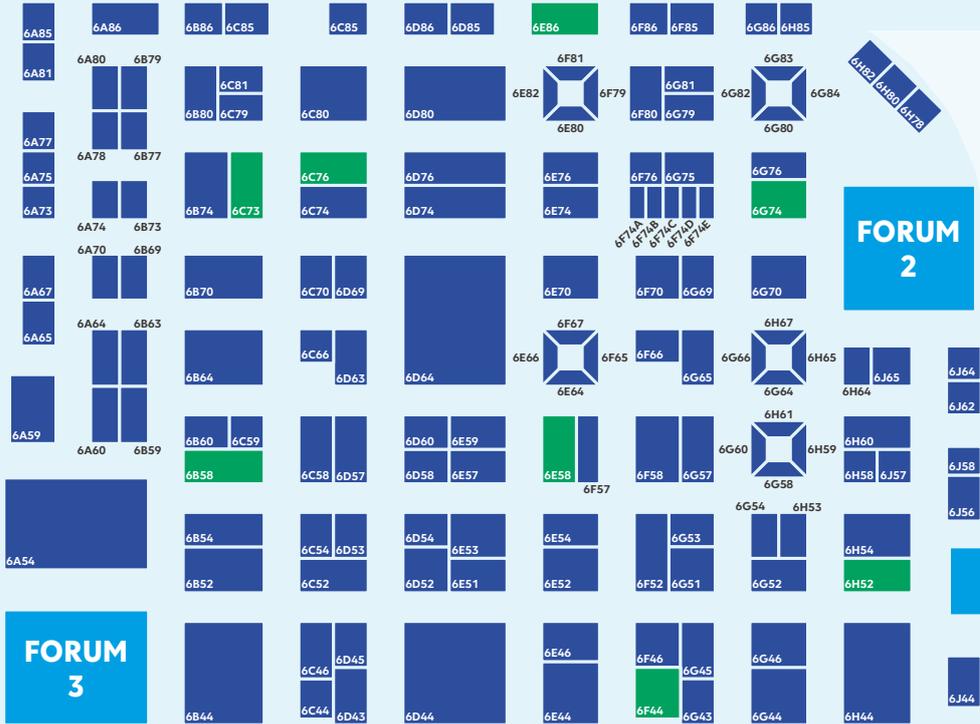
Amandine Chêne

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# HYVOLUTION SUMMIT

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# Hyvolution PARIS

A WORLD OF HYDROGEN

1<sup>ST</sup> & 2<sup>ND</sup> FEBRUARY 2023

PORTE DE VERSAILLES

Find the map and the exhibitors' list  
on **Hyvolution Connect**



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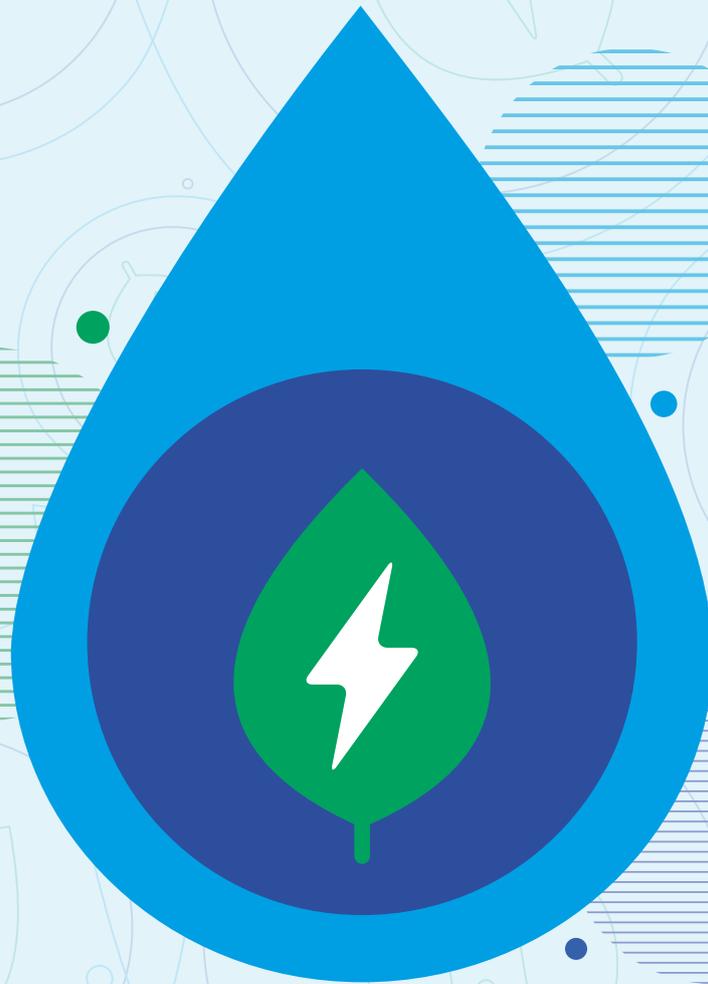
# Hyvolution

A WORLD OF HYDROGEN

## PARIS

30<sup>TH</sup>, 31<sup>ST</sup> JAN. & 1<sup>ST</sup> FEB. 2024  
PARIS EXPO • PORTE DE VERSAILLES • FRANCE

7<sup>TH</sup>  
EDITION



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