

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

Hyvolution

 | A WORLD OF HYDROGEN
PARIS

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

PRESS KIT

7th
EDITION

THE WORLD'S LEADING
HYDROGEN EVENT



En collaboration avec



[PARIS.HYVOLUTION.COM](https://paris.hyvolution.com)



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Edito Pierre Buchou



The organising team is delighted to welcome you to Hyvolution Paris. This exhibition is aligned with the overall strategy of the GL events group, a global events player, and its division: Greentech+. We at the division, are convinced that the ecological transition is a moral and economic imperative.

A crucial element of this transition, energy is a subject that is both

exciting, given its central role in the present and future of our societies, and complex, since it involves enormous economic, social and environmental challenges. At the heart of these evolutions, hydrogen is recognised as a key factor worldwide, with over 80 countries having prepared hydrogen road maps*. Its large-scale deployment has given rise to great expectations and many projects and raises legitimate questions about the scale of the changes in progress.

Conscious of these challenges, the seventh edition of Hyvolution Paris will play its role as the industry's leading trade show to the hilt, multiplying opportunities for meetings and discussions thanks to a longer three-day format and three major developments illustrated by some impressive figures:

An economic forum that has become the global leader

With 572 exhibitors and brands, 44% more than in 2023, Hyvolution is the biggest show dedicated to hydrogen in the world.

It is the key business forum for the whole value chain: production, distribution and use of hydrogen, electrical equipment, fluids, services etc. All the industry's solutions and technologies are here to meet the needs of project developers in the fields of mobility, energy and industry. In addition, over 25 territories will be exhibiting! Hyvolution sees this as an important milestone to encourage the emergence of new projects.

Exceptional programme, richer content

We are deploying a wide-ranging schedule with 80 hours of varied programs for over 10,000 participants: the Hyvolution Summit; five conference sessions; 135 workshops; a Jobs and Training Campus; a hosted event, the Gas Analysis Congress.

All these events share the mutual goal: to exchange, enrich and inform in a complex environment in order to support project development and deployment.

A three-day global forum

Twice as many international exhibitors will be present as in 2023 (30% of the total). They will include 25 countries actively represented by pavilions or delegations, with many announcements at global level. Many thanks in particular to our partners from the Hydrogen Task Force, Business France, the Global Hydrogen Alliance (GHIAA) and the Cleantech Business Club.

In short, from local to global, Hyvolution Paris is recognised as a unifying event, an accelerator for the industry and a unique venue where stakeholders come together to respond to the challenges of our time. This powerful momentum owes much to the confidence and commitment of our partners: I cannot name them all here, but I thank them sincerely, with a special mention for France Hydrogène – with whom we completed 10 years of collaboration!

The power of the Hyvolution brand also drives two major announcements:

- The creation of **Hyvolution Canada**, in partnership with ID Trois Rivières. The event will take place on the 1st and 2nd of October 2025 in Trois Rivières, Canada’s major hydrogen cluster. Meanwhile, **Hyvolution Chile** will be holding its second edition from the 3rd to the 5th of September 2024 in Metropolitan Santiago.

- The launch of the **Hyvolution Hub**, a platform dedicated to the global Hyvolution community, to enrich the experience of all participants with additional content and networking opportunities.

In 2023, we made a promise: “Hyvolution, a world of hydrogen”. In 2024, our ambition remains intact and is taking a very promising and beautiful shape!

Thank you everyone and welcome to Hyvolution Paris.

Pierre Buchou,

Hyvolution trade shows manager
Division Greentech+ - GL events

** source: Hydrogen Task Force*





Hyvolution PARIS in figures

22

INSTITUTIONAL
PARTNERS



5

SPONSORS

over

570

EXHIBITORS
AND BRANDS

44%

INCREASE
SINCE 2023



over

350

SPEAKERS

over
135

WORKSHOPS WITH
EXHIBITORS AND PARTNERS



40%

FIRST-TIME
EXHIBITORS

1

HYVOLUTION
SUMMIT



12

FRENCH
REGIONS

1

JOBS &
TRAINING
CAMPUS



1

GUEST "GAS
ANALYSIS"
CONGRESS



30%

INTERNATIONAL
EXHIBITORS

5

CONFERENCE
SESSIONS

13

CAC 40
CORPORATIONS

25

OFFICIAL PAVILIONS AND
DELEGATIONS (14 IN 2023)



70%

OF CONTENT
IN ENGLISH

The efforts undertaken are now **materialized** in reality for the French hydrogen sector

Source: France Hydrogène



What progress for the sector in 2023 ?

Progress is notable in **the deployment of manufacturing capacities and several hydrogen clusters** in France, particularly around mobility. On this aspect, the French Environment Agency (ADEME) has financed **35 hydrogen clusters since 2018 for an amount of 320 million euros**. These ecosystems will create **100 hydrogen refuelling stations and represent more than 80 MW of electrolysis capacities**.

Several projects for the production and uses of hydrogen have therefore been deployed this year, among them, the fleet of hydrogen taxis in Paris which now reaches 500 vehicles coming to refuel at a station with on-site production at Porte de Saint-Cloud, trucks collecting waste in Indre et Loire, Vendée or in Burgundy or buses in Belfort also supplied by a station with on-site production to name just a few examples.

At the European level, hydrogen is recognized as a strategic industry and is the subject of an IPCEI*, of which two waves of projects have now been published. For the first Hy2Tech, relating to key components and equipment, ten French projects (out of 41) were selected, making it possible **to start the construction of mega-factories of electrolyzers, fuel cells, tanks or even production plants of vehicles** (hydrogen LCVs from Stellantis and HyVia already available).

The Symbio gigafactory inaugurated in St Fons in December illustrates the realization of investments with 700 employees starting the production of fuel cells. This **first wave of Hy2Tech projects will benefit from public support of 2.1 billion euros representing 5.2 billion in public-private investment**.

At the national level, the State has concretized its **support for the production of renewable and low-carbon hydrogen with the allocation of 4 billion euros** out of the 9.2 billion promised to the sector by 2030, to the deployment of a gigawatt of

electrolysis by 2026 thanks to the launch of several rounds of calls for tender.

300 MW of electrolysis projects are secured in 2023 (projects in operation, under construction or having received a final investment decision) including the massive Air Liquide Normand’Hy project for approved financing of 400 million euros.

What are the issues within the framework of the new National Strategy?

With more than 50 countries around the world having published a hydrogen strategy or a roadmap, the development of hydrogen is now seen within a globalized and competitive framework. In order to transform the first solid milestones laid down since its launch, the French strategy must position itself in this European and international context which is evolving rapidly and its updating was necessary to face the new challenges.

On the new strategy under consultation, the sector welcomes the focus on national deployment objectives, the opening to production technologies particularly from biomass, the planning of the deployment of hydrogen transport and storage infrastructures, and the exploration of potential natural hydrogen deposits.

On the international side, the sector welcomes export support for French players and solutions as well as being

able to contribute to discussions on the conditions for importing hydrogen and its derivatives after 2030.

If the majority of the value chain and the major issues are addressed in this new Strategy, the sector nevertheless notes the absence of a plan for the decarbonization of isolated or island sites and “stationary” applications, a segment in which solutions exist today.

The sector makes proposals on all aspects and draws attention to certain conditions to be met, **in particular, visibility to be provided on the new financial means necessary for the National Hydrogen Strategy to achieve the defined objectives and alerts on points fundamentals:**



The government’s update reinforces the sector’s objectives to be achieved for the production of hydrogen by electrolysis with a consolidated objective of 6.5 GW by 2030 and a milestone of 10 GW by 2035. The latter is a minimum to be achieved if we consider the needs of the industrial sectors estimated thanks to our collections at more than 1,000 kt by this horizon. But to achieve this trajectory, one of the fundamental points is to ensure producers of renewable and low-carbon hydrogen good visibility on the



Philippe Boucly,
President of France Hydrogène



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Valérie Bouillon-Delporte,
co-President of
France Hydrogène



development conditions of their projects and **in particular, access to electricity available in large quantities and at a competitive cost** through PPA's and the activation of additional levers. This will make it possible to achieve the objectives of deploying the French electrolysis sector, and **in particular to produce synthetic fuels in France to decarbonize the maritime and aviation sectors.**» said Philippe Boucly, President of France Hydrogène.

road mobility segment which requires a plan to support the deployment of the first thousands of vehicles but also to ensure a coherent network of charging infrastructure across the national territory. Thus, the objectives linked to the European AFIR regulation for the deployment of refuelling stations are insufficient and must be raised. » adds Valérie Bouillon-Delporte, co-President of France Hydrogène.



If the Strategy launched in 2020 has done a lot for the development of the offer with support for the production of renewable and low-carbon hydrogen and for our industrial champions to install their key equipment factories in the territories, the **revised Strategy must now support the request via a dedicated envelope to help customers purchase this equipment.** This need is all the more significant in the

The French hydrogen sector is positioned at the forefront in Europe and in the world, all conditions must be met to enable it to achieve its trajectory of decarbonization, value creation and its potential of 50,000 to 100 000 jobs in France by 2030.



Hyvolution Paris 2024, a time of accelerated development for the hydrogen sector

The expert event serving the hydrogen industry is all set to hold its 2024 edition over three days from 30 January to 1 February at Paris Expo Porte de Versailles (pavilions 4 and 6).

For the second year in a row, the distinguished patron of Hyvolution Paris is the French president, Emmanuel Macron.

With 570 exhibitors and brands in attendance (44% up on the 2023 edition), including all the sector's leading lights, Hyvolution Paris has grown steadily since its launch in 2016 and is underlining its international reach at this seventh show.

The ecological transition is a long-term challenge, and all the political, industrial and consumer stakeholders in the sector want to rise to the challenge together as soon as possible.

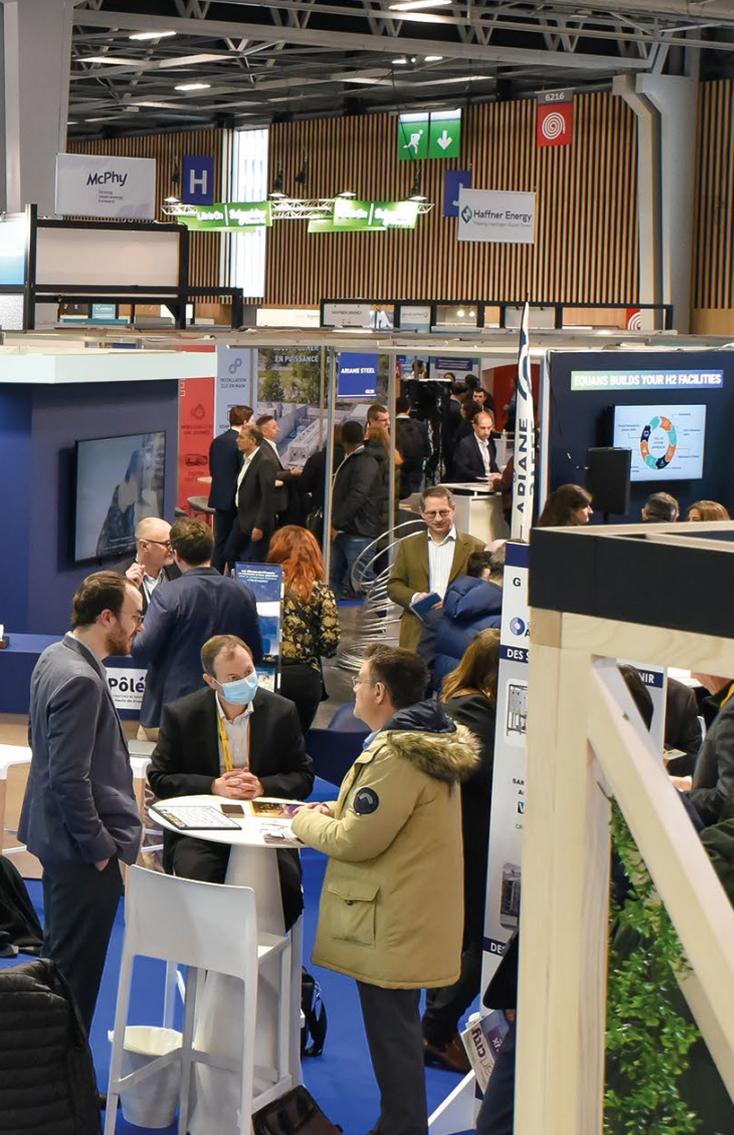
Despite the implementation complexities that sometimes arise, the French government is sticking to its target of 6.5 GW of electrolytic production of low-carbon hydrogen by 2030 and setting a new goal of 10 GW by 2035.

This promising momentum is reflected in the large number of companies taking part in the show for the first time this year (40%).

Hydrogen is increasingly seen as a key solution for decarbonising several sectors that are difficult to electrify, such as heavy industry, heavy transport (trucks, ships, planes) and industrial heating. Hydrogen demand is thus likely to rise as these sectors seek to reduce their carbon emissions.

Hyvolution Paris 2024 spans the hydrogen ecosystem, from production to applications via related services in three key markets: mobility, energy and industry. Hyvolution Paris will fulfil its major role as a business accelerator for the whole hydrogen sector once again this year.

The program includes the **Hyvolution Summit (an international conference to facilitate discussion between hydrogen leaders), five conference sessions, 135 workshops at three forums in English and French, the guest Gas Analysis Congress event and a**



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The full range of solutions for energy, mobility and industry is on display at Hyvolution Paris, providing the sector’s developers and decision-makers with all the answers they need to deploy their projects.

Exhibitor breakdown across the three destination markets:

281 exhibitors offering **Mobility solutions**

338 exhibitors offering **Industry solutions**

277 exhibitors offering **Energy solutions**



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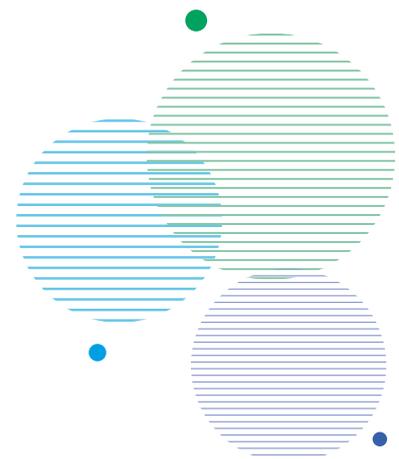
A rich and intense format aimed to answer the major challenges in the market.

The hydrogen sector in France has attracted growing interest in recent years as a sustainable energy vector.

In line with this growing development, the GreenTech+ division organising the exhibition has adapted its format, extending the show and offering a denser program oriented towards examples of deployment, highlighting existing services and technologies and current initiatives.

Over the three days, three forums will feature over 135 short-format, 20-minute interactive workshops where exhibiting companies and partners can speak. There will also be themed sessions focusing on experience and feedback from users together with projects currently being rolled out.

All the sessions will be filmed and broadcast via the Hyvolution Connect app within an hour.





ON THE PROGRAM:

Every day from 12.30 to 1 pm

**“Projects in progress – customer perspectives”:
existing uses and the experience of users**

Forum 1

- The hydrogen ecosystem in Greater Auxerre
- Port of Marseille Fos, H2 development hub
- MissionH24, H2 on the racetrack for a zero-emissions competition

Forum 2

- The hydrogen-powered truck in practice – the experience of GW over a three-year period
- Decarbonising combustion with hydrogen, from our factories to boilers
- Orange’s vehicles powered by hydrogen with the Renault Master Van H2-TECH

Forum 3

- Energy Observer: prospects for development after seven years of the floating laboratory’s travels round the world?
- Hyport – a multimodal platform for H2 usage applied to many aeronautical use cases

At the end of every day

Themed “Start-Ups, Universities & Associations” sessions

Forum 1

- HYCARGO x STILL: hydrogen at the service of sustainable, high-performance intralogistics
- Beyond Aero and Blue Spirit Aero
- Let’s make maritime transport sustainable now with EcoNautik

Forum 2

- Do you have to be a pioneer in your hydrogen use? Institut Orygeen
- Horiba – measurements, tests and quality control for hydrogen: research and industry
- H2 Retrofit Coalition – how can H2 retrofitting help to accelerate the deployment of mobility projects in the regions?

Forum 3

- Every day these time slots will present a 15-minute episode of “H2 & Territoires”, a new documentary series produced by the Energy Observer Foundation

The international business and political forum for the world of hydrogen

With **13 of the biggest French corporations, 12 French regions, 25 foreign stands and delegations (twice as many as in 2023), and 30% of the companies coming from abroad (22% in 2022)**, Hyvolution Paris provides a unique international business and political forum.

Strong representation for France's regions

Bringing with them a very dynamic portfolio of active projects, **12 regions will be represented at Hyvolution Paris**, promoting their local businesses and their regional hydrogen strategies and initiatives: Auvergne-Rhône-Alpes, Bourgogne-Franche-Comté, Brittany, Centre-Val de Loire, Grand-Est, Hauts-de-France, Île-de-France, Normandy, Nouvelle Aquitaine, Occitanie, Pays de Loire, Provence-Alpes-Côte d'Azur.

Thirteen corporations from France's CAC 40 index

At this new edition, 13 CAC 40 corporations or their subsidiaries will be exhibiting, reflecting the scale of growth in the hydrogen sector and the success of previous editions: Air Liquide, Airbus, Alstom, Bouygues, Capgemini, Engie, Michelin, Renault, Saint Gobain, Schneider Electric, Stellantis, TotalEnergies, Vinci.

The seventh edition of Hyvolution Paris offers a high level of international representation and globally focused content.

New this edition

The show is hosting two hubs that will each welcome international networks of associations in the hydrogen sector:

- Ghiaa Hub, organised in partnership with GHIAA, the Global Hydrogen Alliance
- European Hub, organised in partnership with France Hydrogène and Hydrogen Europe.

Many delegations will also be present alongside the show's partners, including Business France, the H2 Task Force and Medef International

25 international pavilions and delegations will be present:

Germany, Belgium, Brazil, Canada, Chile, China, South Korea, Denmark, Scotland, Egypt, the United States, Finland, Hungary, Italy, Japan, Morocco, Norway, the Netherlands, Poland, Portugal, Quebec, the United Kingdom, Slovakia, Switzerland, Ukraine.

Visitors are expected from around a hundred countries worldwide (70 in 2023).

Hyvolution Summit – “Tackling the challenges facing hydrogen”

Building the world of hydrogen requires close dialogues between French and international institutional and economic stakeholders. Strengthened by this conviction and the success of the inaugural edition, which was attended by nearly 400 decision-makers,

Hyvolution Summit is the ideal occasion to share and refine the deployment strategies pursued jointly by the political and economic worlds.

Over 50 countries have approved hydrogen road maps, and deployment is regularly on the agenda of international bodies (G7, G20, IEA, etc.) as well as European and national authorities. **Hydrogen was also a key subject at the recent Cop28 in Dubai**

Hyvolution Summit is the first major political and economic forum to give decision-makers the opportunity to debate the impact of Cop28 and the next phases of hydrogen deployment. The updated French strategy will naturally be one of the topical subjects at this Summit.

The Hyvolution Summit debates, which will take place (in English only) on the afternoon of Tuesday 30 January, will enable political and economic stakeholders to build consensus around the industrial priorities for an emergence phase that will be concentrated into a few years.

Beginning in 2024–2026, the first large-scale projects will be implemented, in areas such as mobility, energy, infrastructure and industry. However, there is still a long way to go before the stated targets are achieved.

On the threshold of this pivotal period, Hyvolution Summit 2024 will highlight the initiatives needed in order to consolidate the sector, both internationally and at regional level.

Program

Hyvolution ●SUMMIT

Today's crucial questions, relating to the pace of deployment and the conditions for hydrogen strategies to succeed on a realistic time-scale, will be addressed without compromise:

The first round table, “Hydrogen strategies, between ambition and reality” will seek views from different standpoints on the policies initiated in recent years in France, Europe and worldwide, and on the impact of Cop28.

The second round table, “Developing resources and easing constraints: priorities for accelerating roll-out”, will analyse the factors affecting the pace of project deployment and suggest responses in line with the sector's priorities.

The third round table, “The key role of regions: initiatives and interconnections”, will highlight the dynamics of hydrogen ecosystems, some of which are very large, as well as the importance of infrastructure to interconnect projects and integrate them into a global strategy.

Practical info

Hyvolution
SUMMIT

Tuesday 30 January,

12.30 – 7.00 pm

400 executives

20 high-profile speakers

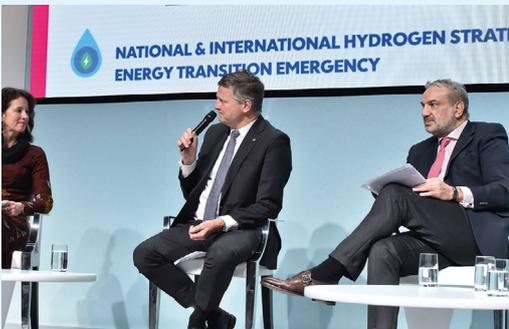
Access : entrance fee or invitation



Some of our high-profile speakers:

- **Florent Andrillon**, Global Head of Climate & Tech, CAPGEMINI
- **Laurent Antoni**, Executive Director, International Partnership for Hydrogen and Fuel Cells in the Economy (IPHE)
- **Mirela Atanasiu**, Director AI – CLEAN HYDROGEN PARTNERSHIP
- **Philippe Boucly**, Chairman, FRANCE HYDROGÈNE
- **Valérie Bouillon-Delporte**, Co-chairman, FRANCE HYDROGÈNE
- **Nicolas Brahy**, General Counsel, Head of Public Affairs and Sustainability, Hy24
- **Tudor Constantinescu**, Principal Advisor to Director General
- **Jorgo Chatzimarkakis**, CEO, HYDROGEN EUROPE
- **Bertrand de Singly** - Executive Vice-President - France industrie
- **Manuelle Dupuy**, Executive Director, REGION AUVERGNE RHÔNE ALPES / Governing board, EUCH2 ALLIANCE
- **Paolo Frankl**, Head of the Renewable Energy Division, IEA
- **Sandrine Meunier**, CEO, GRTGAZ
- **Daria Nochevnik**, Vice-President, Policy & Partnerships – HYDROGEN COUNCIL
- **Valerie Ruiz Domingo**, Group Hydrogen Vice-President, ENGIE
- **Inès Taoufik**, **Project Manager**, Expertise Centre, DEPHY – FRANCE HYDROGENE
- **Damien Timperio**, Managing Director, GL EVENTS EXHIBITIONS
- **Nicolas de Warren**, Chairman UNIDEN
- **Yann Wickers**, General Director – PORT LA NOUVELLE

Non exhaustive list



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Jobs & Training Campus: the space dedicated to employment and skills

For the third year in a row, Hyvolution offers a dedicated space for jobs and training at the heart of the exhibition.

Hyvolution thus supports the sector's professionals, whether they are job seekers, recruiters or employers wanting to upgrade their employees' skills, with a dedicated tool organised jointly with emploi-environnement.com.

The **Jobs & Training Campus** will be organised around two main spaces:

- A TV studio to promote the themes of employment, training and skill upgrades through interviews with companies, regional councils and institutions.
- A jobs wall displaying all the job vacancies available.

Optimised contacts with Hyvolution Connect

A vital tool at the core of the Hyvolution value promise, this platform facilitates contacts and new relationships and helps create business opportunities between stakeholders.

During the 2023 edition, 4,456 professionals used the app to make 3,583 new contacts and organise 510 business meetings.

Very much appreciated, 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 face-to-face or video business appointments.

With Hyvolution Connect, visitors also have all the information relevant to their visit at their fingertips – access badge, exhibitor list, program, exhibition floor plan, practical information, etc. – along with replays of the workshop sessions.



Hyvolution Paris 2024 welcomes the Gas analysis congress



Widely considered the best forum for discussing the latest developments and applications in the industry, GAS Analysis is the global symposium covering themes that correspond to worldwide challenges. For its 12th edition, the second in France, GAS Analysis will offer a three-day programme consisting of an exhibition space and a congress.

The GAS Analysis exhibition space will be freely accessible and fully integrated into the Hyvolution show.

The congress, meanwhile, will gather together 300 participants from 30 countries for rich discussions about the latest developments and applications in the industry. It attracts many industry stakeholders, including experts, regulatory decision-makers, technical managers, research laboratories, researchers, manufacturers and industrial users.

A programme focused on green industry and hydrogen

The symposium is dedicated to best industrial practices and R&D applied to gas analysis and measurement.

- **100 conférence sessions**
- **5 major themes:** Hydrogen, Gas Metrology, Energy Transition, Industrial Innovation, Climate and Air Quality
- **3 short courses:** accreditation, uncertainty, hydrogen safety
- **1 Prometh2o** workshop on measuring trace water in gases
- Many **networking activities** (Gas Analysis Hub, coffee/meal breaks, aperitifs, Hyvolution Connect app, etc.)



FORUM 1 - TUESDAY 30 JANUARY

Morning

TIME	CONFERENCE TITLE	COMPANY	
09:30	High-efficient HRS monitoring solution for optimized availability	Linde	
10:00	Comment mettre à profit l'expertise thermique au service du développement de l'industrie de l'hydrogène ?	Alfa Laval	
10:30	Developing a heavy-duty network of hydrogen stations on major European road corridors	Air Liquide & TotalEnergies	
11:00	Quand décarbonation rime avec réindustrialisation	Bourgogne Franche Comté	
11:30	Digital electronics industry to enhance hydrogen systems efficiency (cost, environmental footprint, energy, water...)	GIMELEC RTE	
12:00	Réduction des coûts d'hydrogène bas	CAPGEMINI	
12:30	PROJETS EN COURS PERSPECTIVES DES CLIENTS : Ecosystème hydrogène de l'Agglomération de l'Auxerrois		

Afternoon

TIME	CONFERENCE TITLE	COMPANY	
14:00	Fabricant de robinetteries et soupapes de sécurité pour Hydrogène et gaz de l'air	HEROSE	
14:30	Sustainable water management in the hydrogen value chain	CLEAN HYDROGEN PARTNERSHIP	
15:00	Usage de la modélisation pour maîtriser les risques liés aux applications impliquant l'hydrogène	GEXCON France	
15:30	Characterisation of Hydrogen and e-fuels technology bricks in representative conditions and at relevant scale	CEA	
16:00	Présentation de l'avancée des projets de transport d'hydrogène	GRT GAZ	
16:30	Your innovation partner for Sustainable Energy Solutions	AVL Industrial Green Energy	
17:00	Solutions hydrogène pour le bâtiment	France Hydrogène	
17:30	Status of the Hydrogen Industry in Chile	H2 Chile EDF Chile	
18:00	START-UPS, UNIVERSITÉS & ASSOCIATIONS : L'hydrogène au service d'une intralogistique durable et performante	HYCARGO x STILL	

 Conference dedicated to User Experience

 Conference dedicated to Startups, Universities & Associations

Program as of 17/01/2024 - subject to change

FORUM 1 - WEDNESDAY 31 JANUARY

Morning

TIME	CONFERENCE TITLE	COMPANY	
09:30	Le power-to-methane pour produire du gaz bas-carbone à partir d'hydrogène vert et de CO2, projets et perspectives de Khimod, acteur de la méthanation catalytique	Club Power-to-gas ATEE / KHIMOD	
10:00	Absolut Hydrogen ecosystems for liquid hydrogen	Absolut Hydrogen	
10:30	Hydrogen component and plant quality assessment by third parties	TÜV SÜD	
11:00	Hydrogen production stations and satellite stations: what are the benefits?	ATAWEY	
11:30	L'hydrogène sous forme liquide : Les avantages pour la décarbonation des industries et de la mobilité.	AIRPRODUCTS	
12:00	Hydrogen in Atlantic France: connecting ocean energy to european industries	REGION PAYS DE LA LOIRE	
12:30	PROJETS EN COURS PERSPECTIVES DES CLIENTS : Port de Marseille Fos, Hub de développement h2		

Afternoon

TIME	CONFERENCE TITLE	COMPANY	
14:00	REX on the first industrial-scale projects in France	ENGIE	
14:30	Vers une grande vallée Hydrogène pour décarboner l'industrie et la mobilité en Auvergne-Rhône-Alpes : le projet européen IMAGHyNE	REGION AUVERGNE RHONE ALPES	
15:00	Hydrogen : Building an integrated, digital future energy system.	YOKOGAWA	
15:30	Produire des électro-carburants en 2050 pour l'aéronautique et le maritime : quels besoins en électricité et en CO2 biogénique ?	Organisé avec le soutien de l'ADEME	
16:00	Realizing our hydrogen ambitions by ramping up electrolysis	AIR LIQUIDE	
16:30	Quelles spécificités pour la mesure de l'hydrogène ? (pureté, quantités échangées...)	GIMELEC	
17:00	Unveiling Piemonte's hydrogen landscape	PIEMONTE AGENCY	
17:30	L'hydrogène dans l'aérien : alignement et décollage!	AEROSPACE VALLEY	
18:00	START-UPS, UNIVERSITIES & ASSOCIATIONS: Presentation of the projects ONE, Dragonfly by BEYOND Aéro & The Hydrogen Aircraft by Blue Spirit Aero	Beyond Aero and Blue Spirit Aero	

FORUM 1 - THURSDAY 1 FEBRUARY

Morning

TIME	CONFERENCE TITLE	COMPANY	
09:30	Hydrogen deployment across Scotland: Make It – Move It – Use It	Scottish Hydrogen & Fuel Cell Association	
10:00	Des offres de formation au rendez-vous de l'H2 en Bretagne	UBS-ENSIBS, Alca Torda Applications et Cap Hydrogène	
10:30	Optical analysis solutions across the hydrogen value chain	Endress+Hauser	
11:00	Les clés du succès pour un passage à l'échelle dans les temps	Emerson	
11:30	La filière électronumérique au service de l'efficacité des installations hydrogène (coût, empreinte environnementale, énergie, eau...)	GIMELEC	
12:00	Up-Scaling Green Hydrogen Compression	SIEMENS ENERGY	
12:30	RUNNING PROJECTS COSTUMER'S PERSPECTIVE: MissionH24, on track for zero emission competition	MissionH24, G-Hy-TV	

Afternoon

TIME	CONFERENCE TITLE	COMPANY	
14:00	Protéger les installations industrielles : fuite et flamme d'hydrogène - Les solutions et technologies Teledyne Gas and Flame Detection	Teledyne Gas and Flame Detection	
14:30	Driving Hydrogen Innovations with Dassault Systèmes: How Hyliko, Hydrogen Mobility Platform, accelerated design of its hydrogen trucks thanks to Dassault Systèmes expertise and proven agile practices	DASSAULT SYSTEMES, HYLIKO	
15:00	Schneider Electric	SCHNEIDER ELECTRIC	
15:30	Methanol to hydrogen to electricity. Generate clean energy where you need it	Methanol Reformer	
16:00	The Role of Green Hydrogen in Energy Companies & Utilities Business Transformation	CLEANTECH BUSINESS CLUB	
16:30	START-UPS, UNIVERSITIES & ASSOCIATIONS: Decarbonizing marine mobility today with hydrogen combustion retrofits	ECONAUTIK	

 Conference dedicated to User Experience

 Conference dedicated to Startups, Universities & Associations

Program as of 17/01/2024 - subject to change

FORUM 2 - TUESDAY 30 JANUARY

Morning

TIME	CONFERENCE TITLE	COMPANY	
09:30	Pôle Avenia - Panorama de l'Hydrogène Naturel et du Stockage Géologique	Earth2	
10:00	Strategy and stakes	Hyvia	
10:30	La région Sud, futur hub euro-méditerranéen du H2 bas carbone	Capenergies	
11:00	Risk management : support the development of a reliable, safe and secure hydrogen sector	AIRBUS Protect	
11:30	Recherche, Start-ups, TPE, grands groupes, quelle filière hydrogène en Île-de-France ?	Région Île-de-France, L'Institut Paris Region, AREC Île-de-France, des représentants d'entreprises de la région	
12:30	RUNNING PROJECTS COSTUMER'S PERSPECTIVE: Hydrogen truck in practice - The GW experience over a period of 3 years	Gebrüder Weiss Gesellschaft m.b.H.	

Afternoon

TIME	CONFERENCE TITLE	COMPANY	
14:00	Developing a hydrogen sector: a UK commercial and research approach	Department for Business and Trade	
14:30	La revolution hydrogène : l'innovation est dans l'usage	ALCRYS - High pressure integrated solutions	
15:00	Green Hydrogen out of Biogas	WS Reformer GmbH	
15:30	Comment la technologie INOCEL améliore la durabilité des villes de demain ?	INOCEL	
16:00	Driving energy transformation with PEM electrolysis	Elogen	
16:30	80 Country Hydrogen Strategies Worldwide: How to Stand-Out and Win H2 Markets Abroad in 2024?	Hydrogen Task Force - MEDEF International	
17:00	Vecteur H2 & décarbonation des activités de pêche : les enjeux croisés de la construction navale et de la décarbonation de la pêche en Bretagne	CMV Amphibie, Région Bretagne, BDI	
17:30	L'hydrogène, un défi pour les infrastructures - rôle de Women in Green Hydrogen France	Yele Consulting	
18:00	START-UPS, ASSOCIATIONS & UNIVERSITÉS : H2 Entreprises : Hydrogène renouvelable - Faut-il être un pionnier dans son usage ?	Institut Orygeen, H2 Entreprises	

FORUM 2 - WEDNESDAY 31 JANUARY

Morning

TIME	CONFERENCE TITLE	COMPANY	
09:30	Large-scale hydrogen storage solutions to optimize hydrogen projects	Vallourec	
10:00	Quelles sont les facteurs clés de succès à suivre pour accompagner les porteurs de projet dans la réalisation d'infrastructure de production et distribution d'hydrogène ?	INGEROP CONSEIL ET INGENIERIE	
10:30	Japan Pavilion / JETRO Hydrogen : a key issue for Japan	ENEOS, THE KANSAI ELECTRIC POWER CO., INC., Kawasaki Heavy Industries, Ltd.	
11:00	L'hydrogène dans l'industrie diffuse	CVE Group, Enerka	
11:30	Leading green H2 mobility : stakes and achievements	HYVIA	
12:00	Repositionnements industriels au sein de la chaîne de valeur de l'hydrogène	CAPGEMINI	
12:30	PROJETS EN COURS PERSPECTIVES DES CLIENTS : Décarboner la combustion avec l'hydrogène, de nos usines à la chaudière	BDR THERMEA - Marque DE DIETRICH, G-Hy-TV	

Afternoon

TIME	CONFERENCE TITLE	COMPANY	
14:00	De l'échelle pilote au stockage : L'expertise d'EXPLORAIR dans l'analyse de la pureté de l'hydrogène	Explorair	
14:30	Leak Detection and Vacuum Technologies to Enable the Hydrogen Economy	Pfeiffer Vacuum	
15:00	Quelle infrastructure hydrogène régionale pour répondre à la prospective de déploiement de la mobilité lourde ?	Région Nouvelle-Aquitaine	
15:30	Combustion of hydrogen and alternative fuels for industrial heat generation	SAACKE GmbH - Ombustion	
16:00	H2V, pionnier de la production massive d'hydrogène vert	H2V	
16:30	Fuel cell and Hydrogen engine: two solutions for hydrogen mobility	FEV France	
17:00	Importations d'hydrogène et de ses dérivés à l'horizon 2030 et 2040 : quels défis pour la filière française ?	France Hydrogène	
17:30	Stainless steel solutions for Hydrogen technology	Swiss Steel Group	
18:00	Mesures, tests et contrôle de qualité pour l'hydrogène : la recherche et l'industrie	Horiba	

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FORUM 2 - THURSDAY 1 FEBRUARY

Morning

TIME	CONFERENCE TITLE	COMPANY	
09:30	Introduction aux technologies de production d'hydrogène bas-carbone	Evolen	
10:00	Regulatory framework and investment opportunities	Brazilian Regulatory Agency, BNDES, Brazilian Wind Power Association (ABEEÓLICA), Embassy of Brazil in Paris	
10:30	Région Occitanie : présentation du Technocampus Hydrogène Occitanie	LAPLACE – CNRS, Agence AD'OCC	
11:00	Comment maîtriser les risques en phase de préconception de vos projets hydrogène ?	APAVE	
11:30	Mobilité Hydrogène : Retours d'expériences & Perspectives de déploiement	ENGIE Solutions	
12:00	A unique and complete ecosystem for professionals, on the road	HYVIA	
12:30	PROJETS EN COURS PERSPECTIVES DES CLIENTS : Orange roule à l'hydrogène avec Renault Master Van H2-TECH	Orange	

Afternoon

TIME	CONFERENCE TITLE	COMPANY	
14:00	Liquid and gaseous hydrogen solutions in operations	Howden, A Chart Industries Company	
14:30	NAWA révolutionne les piles à combustibles avec la première électrode full-nanostructurée au monde	NAWA, Kouros Investment	
15:00	Hydrogen Fuel Cell solutions as enabler for mobility decarbonization: Symbio technology and industrial roadmap	SYMBIO	
15:30	Plan de transition industriel des secteurs ammoniac et sidérurgie : le rôle de l'hydrogène	Organisé avec le soutien de l'ADEME	
16:00	Canadian Hydrogen and Fuel Cell Association (CHFCA) Updates from Canada's Hydrogen Sector	Ballard Power Systems, Hydrogene Quebec, Embassy of Canada in France, Ivys Adsorption	
16:30	START-UPS, UNIVERSITÉS & ASSOCIATIONS : Coalition Rétrofit H2 – comment le rétrofit H2 contribue à l'accélération du déploiement de projets de mobilité au cœur des territoires ?	Coalition Rétrofit H2	

FORUM 3 - TUESDAY 30 JANUARY

Morning

TIME	CONFERENCE TITLE	COMPANY	
09:30	Lancement d'H2DEC - Hydrogène décarboné, le potentiel d'innovation de la recherche publique française dédiée à la Stratégie Nationale d'Accélération Hydrogène décarboné	SATT Sayens, SATT Linksiem	
10:00	Rely Solutions	Rely Solutions	
10:30	Les solutions Parker pour la purification de l'hydrogène	Parker Hannifin	
11:00	High flow (high Cv) 500-1000 bar hydrogen valves	HABONIM EUROPE	
11:30	Retrofit H2 : quelles pertinences environnementales et économiques pour les autobus et autocars ?	Organisé avec le soutien de l'ADEME	
12:00	Hinicio	Hinicio	
12:30	PROJETS EN COURS PERSPECTIVES DES CLIENTS : Energy Observer : les perspectives de développement après 7 ans autour du monde du navire-laboratoire	Energy Observer, G-Hy-TV	

Afternoon

TIME	CONFERENCE TITLE	COMPANY	
14:00	Low-carbon hydrogen production by methane pyrolysis	ENGIE Global Markets SAS	
14:30	L'implication des régions dans la dynamique européenne des vallées H2	Région Auvergne-Rhône-Alpes	
15:00	Scaling up global manufacturing capacities	FORVIA Faurecia	
15:30	Scale Up H2 : synergies entre McPhy et Vulcain pour sécuriser l'installation et le démarrage d'installations H2		
16:00	Hydrogen development in MENA region : EY analysis of key dynamics and success factors to foster PtX projects development	EY	
16:30	Électrifier et décarboner les process de combustion industrielle grâce à l'hybridation hydrogène	Bulane	
17:00	Business France - France at the forefront of hydrogen innovation	France Hydrogène, Plug Power, SIEMENS ENERGY, LHYFE, AD'OCC	
18:00	« H2 & Territoires » : une nouvelle série documentaire produite par Energy Observer Foundation	Energy Observer Foundation	

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FORUM 3 - WEDNESDAY 31 JANUARY

Morning

TIME	CONFERENCE TITLE	COMPANY	
09:30	World's first low carbon ups power supply for clean energies	Chloride	
10:00	L'analyse du Cycle de Vie (ACV) appliquée aux projets Hydrogène, explication et retours d'expériences	Bureau Veritas	
10:30	The hydrogen economy across Germany: invest, cooperate, export, repeat...	Hy-5, e-mobil BW, Saxony Trade and Invest, VDMA, GTAI	
11:00	Transition énergétique, transition économique, comment réussir le virage de votre business vers l'hydrogène avec Swagelok?	Swagelok	
11:30	How to ensure safety for Green Hydrogen applications?	MSA Safety	
12:00	Les enjeux de la décarbonation des ports avec le vecteur H2 (de la production à l'usage) en Bretagne	Région Bretagne, H2X Ecosystems, Entech, H2X Ecosystems, BDI	
12:30	Driving forward the development of the Hydrogen Industry in the Magallanes Region	National Petroleum Company of Chile, ENAP	

Afternoon

TIME	CONFERENCE TITLE	COMPANY	
14:00	Grand Est : un carrefour européen de l'hydrogène !	Région GRANDEST, ACTBLUE, AFPA, EIFHYTEC, EXXACT, FIVES, GAZELENERGIE, GRDF, MOB'Hy, Pôle Véhicule du Futur	
14:30	Total solution provider of Hydrogen Storage System	Iljin Hysolus	
15:00	Solutions piles à combustible de forte puissance pour la mobilité lourde et le stationnaire	HELION Hydrogen Power	
15:30	Rely Solutions	Rely Solutions	
16:00	H2 vert : des défis multiples à relever	Artelia, PersEE	
16:30	Behind the Electrolysers: a journey of innovation, maturity and facing market realities	Green Hydrogen Systems	
17:00	Hynamics	Hynamics	
17:30	Building renewable hydrogen ecosystems in France and internationally	QAIR FRANCE, Qair Iceland	
18:00	« H2 & Territoires » : une nouvelle série documentaire produite par Energy Observer Foundation	Energy Observer Foundation	

FORUM 3 - THURSDAY 1 FEBRUARY

Morning

TIME	CONFERENCE TITLE	COMPANY	
09:30	Nouvelles solutions de mobilité hydrogène haute performance et haute capacité	John Cockerill	
10:00	Scaling up Green Hydrogen	H-TEC SYSTEMS	
10:30	Des solutions efficaces pour produire des e-fuels	KHIMOD	
11:00	Draeger	Draeger	
11:30	Développer et promouvoir la filière régionale de formation professionnelle dans l'hydrogène décarboné en Normandie	Campus d'Excellence International Normand des Energies	
12:00	ArianeGroup and liquid hydrogen at the heart of the decarbonation of heavy industry	ArianeGroup	
12:30	PROJETS EN COURS PERSPECTIVES DES CLIENTS : Hyport - Une plateforme multimodale pour l'utilisation de l'H2 appliquée à de nombreux cas d'usages aéronautique	ENGIE Solutions, Hydrogen Today	

Afternoon

TIME	CONFERENCE TITLE	COMPANY	
14:00	Hydrogen in Canada	Institute for Hydrogen Research, Evolgen by Brookfield Renewable	
14:30	40 ans de conception de canalisations d'hydrogène et de facilitation de leur acceptabilité sociétale	EURETEQ	
15:00	Enabling the hydrogen economy with sensor technologies	Druck and Panametrics	
15:30	Rely Solutions	Rely Solutions	
16:00	Morocco's Leadership in Green Hydrogen: Pioneering Africa's Energy Transformation	Cleantech Business Club	
16:30	« H2 & Territoires » : une nouvelle série documentaire produite par Energy Observer Foundation	Energy Observer Foundation	

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HYVOLUTION SUMMIT

TUESDAY 30 JANUARY



TIME	CONFERENCE TITLE	SPEAKERS
12:30 13:45	COCKTAIL DÉJEUNATOIRE	
13:45 14:20	DISCOURS D'OUVERTURE	Damien Timperio Phillipe Boucly Valérie Bouillon-Delporte
14:20 15:20	#1 TABLE RONDE « Les stratégies hydrogène, entre ambition et réalité » Regards croisés sur les politiques amorcées depuis quelques années en France, en Europe et dans le monde et les impacts de la Cop28.	Paolo Frankl Daria Nochevnik Laurent Antoni Jorgo Chatzimarkakis
15:20 15:35	KEYNOTE ENGIE	Valérie Ruiz-Domingo Anne-Sophie Corbeau
15:35 16:30	#2 TABLE RONDE « Développer les ressources et lever les contraintes : priorités pour accélérer le déploiement » Quels sont les facteurs qui impactent le rythme de déploiement des projets hydrogène ? Quelles réponses apporter en adéquation avec les enjeux ?	Nicolas Brahy Nicolas de Warren Mirela Atanasiu Tudor Constantinescu Bertrand de Singly
16:30 16:45	KEYNOTE CAPGEMINI	Florent Andrillon
16:45 17:30	#3 TABLE RONDE « Le rôle-clé des territoires : initiatives et interconnexions » La dynamique des écosystème « hydrogène » et l'importance de ces infrastructures qui relient ces projets et les intègrent dans une stratégie globale.	Mirela Atanasiu Manuelle Dupuy Yann Wickers Sandrine Meunier
17:30 17:45	DISCOURS DE FERMETURE	
17:45 19:00	COCKTAIL DINATOIRE	



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Hyvolution, the global accelerator of hydrogen sector development

Hyvolution's strategy is focused on large-scale deployment and based on three pillars:

- **Hyvolution Paris, the world-leading show, and Hyvolution Summit**, the meeting place for global leaders
- **An international network of shows under the Hyvolution brand.**
- An international community of hydrogen decision-makers from public and private organisations united on the **Hyvolution Hub** platform.

The first edition of Hyvolution Chile in 2023 brought together 3,800 visitors and 70 exhibitors in Santiago.

Three intense days for South America's leading exhibition.

The second show will take place from 3 to 5 September 2024.

The first edition of Hyvolution Canada will be held over two days on 1 and 2 October 2025 at the Trois Rivières Conference Centre (CECi).

The project is organised jointly with stakeholders in the Trois Rivières ecosystem, which is very active in the hydrogen field. The official signature will take place on 30 January at the Canadian embassy.

Other potential exhibition projects are being examined in Asia and the Middle East.

Hyvolution Hub: an innovation for the hydrogen community

HyvolutionHub

— CONNECTED TO —
THE WORLD OF HYDROGEN

A platform bringing the Hyvolution community together, **Hyvolution Hub will open on 2 February 2024.**

Hyvolution Hub will be a networking tool where hydrogen stakeholders can meet, exchange ideas, share knowledge and collaborate. A platform offering high-quality content (replays of forum sessions from Hyvolution Paris, Hyvolution Summit and other editions) and live events organised throughout the year, bringing together experts in the hydrogen industry from all over the world.

The deployment of Hyvolution Hub is based on data from the Hyvolution Connect app, developed over several years with over 20,000 registered users in 2024.

It is the place where Hyvolution's virtual and physical events come together.

About the **organiser**

Made by



GL events Exhibitions

With 200 events organised worldwide for professionals and the general public, GL events Exhibitions has unequalled expertise in organising exhibitions and trade shows – a business that has to stay abreast of increasingly specialised marketing, communication and organisational techniques while retaining close ties with market players. The Hyvolution exhibition is organised by the GreenTech+ division, which also manages seven other events: BePOSITIVE, Expobiogaz, Eurobois, Open Energies, Paysalia, Piscine Global and Rocalia.

GreenTech+ is a division of the GL events group based on the synergies between exhibitions that address common themes relating to eco-innovation and sustainable development.

GL events created GreenTech+ to play a principal part in the world's major environmental issues, based on the only format of its kind in the sector, building bridges between the sectors of the future and maximising their visibility. GreenTech+ is the accelerator via which the GL events group undertakes to support the sector's stakeholders in their development, identify the solutions of tomorrow and instil an ever-greater eco-awareness and responsibility among our citizens.

Organised in collaboration with **France Hydrogène**



France Hydrogène

With 460 member companies and institutions, France Hydrogène is the united face of French stakeholders in the hydrogen sector, covering every stage of the value chain: industrial corporations developing large-scale projects, innovative smaller businesses and start-ups supported by laboratories and centres of research excellence, trade associations, schools, competitive clusters and local authorities working on the deployment of hydrogen solutions.

As a preferred partner of government bodies, France Hydrogène acts to:

- Represent all hydrogen sector stakeholders
- Raise relevant issues and promote the sector's solutions
- Act as the invaluable go-to expert
- Roll out hydrogen project implementations.
- Boost the French hydrogen sector's outreach.

France Hydrogène assists the sector all the way down to the local level with its 14 regional delegations.

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

Practical informations

Dates et times

Tuesday 30 January: 9 am – 7 pm

Wednesday 31 January: 9 am – 7 pm

Thursday 1 February: 9 am – 6 pm

Venue

Halls 4 and 6, Paris Expo Porte de Versailles, 1 Place de la Porte de Versailles,
75015 Paris, France

Exhibition entrance: hall 4

Trade show open to professionals only

Request a badge: <https://paris.hyvolution.com/fr/lespace-presse>

How to get here

By public transport

As part of its CSR approach, GreenTech+ encourages the use of sustainable transport.

Public transport serving Paris Expo Porte de Versailles:

- **METRO:** Line 12, Porte de Versailles station – exit 1 to access pavilions 2 to 7
- **TRAM:** T2 and T3a, Porte de Versailles – stop : Parc des Expositions
- **BUS:** Line 80, Porte de Versailles – Parc des Expositions stop, and line 39, stop: Desnouettes
- **BIKE:** Vélib' station in Avenue Ernest Renan

By car

Car park 6

Access from Places des Insurgés de Varsovie, 75015 Paris

By air

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 direction Saint-Rémy-lès-Chevreuse to Cité Universitaire, tram T3 direction Pont du Garigliano to Porte de Versailles – Parc des Expositions

From Orly airport:

Orlyval to Antony, RER B to Cité Universitaire, tram T3 to the Porte de Versailles – stop : Parc des Expositions
Orlybus to Denfert-Rochereau, RER B to Cité Universitaire, tram T3 to the Porte de Versailles – stop : Parc des Expositions

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Press Contact

AC CONSULTING

Amandine Chêne

Tel. +33 (0)6 25 17 07 10

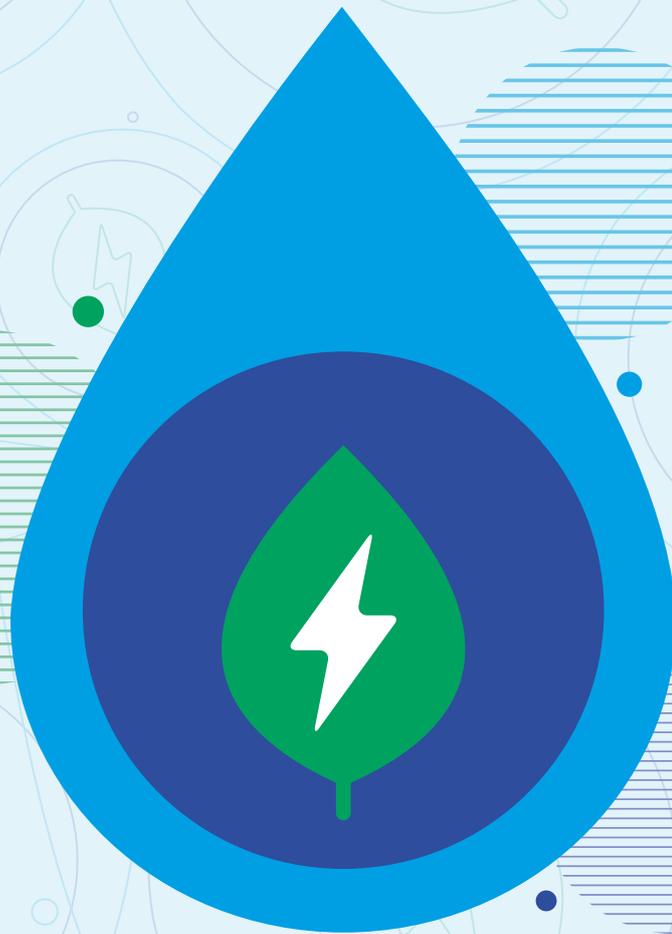
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