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HYDROGEN  
FORUM

# Post-Event Report

December 1-2, 2025

Monte-Carlo, Principality of Monaco

Held under the High Patronage  
of H.S.H. Prince Albert II of Monaco

# Letter From The President

As President of the Monaco Hydrogen Alliance, I want to offer my sincere thanks to everyone who helped make the Fourth Edition of the Monaco Hydrogen Forum a considerable success — our participants, partners, speakers, and supporters. It was a true pleasure for all of us at the Alliance to welcome you to Monaco on December 1–2, 2025.

Because of your energy and leadership, this fourth edition felt like a true step-change. The Forum confirmed Monaco's growing role as a key global platform for hydrogen dialogue — but, just as importantly, for *practical, solution-driven progress*. The conversations were exceptionally strong: technically serious, strategically clear, and focused on what it will take to deliver projects in the real world. In short, this was our most impactful Forum to date.

With more than 300 participants from over 40 countries, we attained a true critical mass — bringing together public authorities, industry leaders, investors, innovators, and researchers. We were also deeply honoured by the continued support of our esteemed patron, H.S.H. Prince Albert II of Monaco. His Serene Highness' vision helps give the Forum a unique resonance and an international visibility.

A defining feature of this year's Forum was the emphasis on implementation — from hydrogen mobility and coastal applications, to financing mechanisms, pilot projects, and policy alignment. The launch and early outcomes of the *International Task Force on Hydrogen Mobility in Coastal Areas (ITHCA)* were an important milestone. So too were the discussions around the Monaco Hydrogen Fund, including our first investments in two promising early-stage companies, France-based Hylight and Singapore's Sungreen. I'm also particularly excited by the early momentum of the Alliance's international working group on *hydrogen and motorsports*, which is already opening up valuable avenues for collaboration.

Looking ahead, the Monaco Hydrogen Alliance is committed to turning momentum into measurable results. Building on what we achieved together in 2025, we will continue to expand our initiatives, partnerships, and investments in 2026 and beyond — and to ensure Monaco remains at the cutting edge of hydrogen innovation and international cooperation.

Thank you again for your trust, your ideas, and your active participation. I look forward to continuing this journey together.



John Rossant  
President  
Monaco Hydrogen Alliance



John Rossant



## The 4th Edition of the Forum

The Monaco Hydrogen Forum, held under the High Patronage of H.S.H. Prince Albert II of Monaco at the prestigious Hotel Hermitage Monaco, is the premier gathering of global business leaders, investors, policymakers, and innovators dedicated to positioning clean hydrogen at the core of future energy and industrial strategies—particularly in mobility and transportation. In response to pressing global climate challenges. The theme of the Forum's fourth edition is **HYDROGEN'S NEW PARADIGM: RETHINKING INVESTMENT, BOOSTING INNOVATION** Through two days of keynotes, high-level panel conversations and deep dive workshops, the gathering focused on critical topics such as **POLICY & FINANCING, INFRASTRUCTURE & LOGISTICS, HYDROGEN LEADING MARKETS, and INNOVATION & TECHNOLOGY.**

### Day 1 – December 1st 2025

The First Day of the Monaco Hydrogen Forum centered on key policies to stimulate hydrogen demand, advance a low-carbon future, and promote offshore production, all while addressing the influence of geopolitical dynamics.

### Day 2 – December 2nd 2025

The Second Day of the Monaco Hydrogen Forum shifted its focus to transportation, highlighting the aviation, motorsport, and maritime sectors. Discussions delved into technological advancements, economic insights, funding opportunities for hydrogen ventures, and the pivotal role of collaborative efforts in driving progress.



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# The Forum in Numbers



**250+**  
Participants



**70**  
Speakers



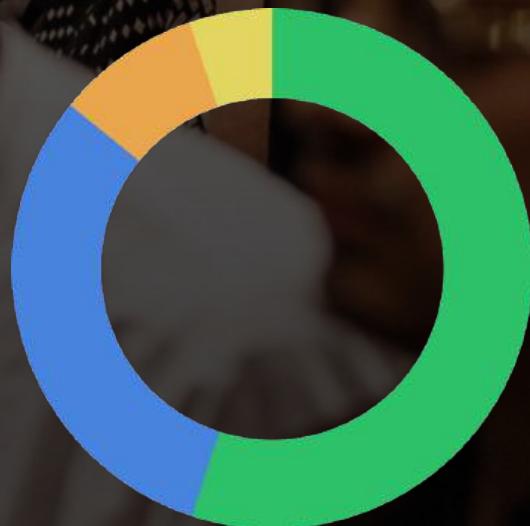
**35+**  
Countries  
Represented



**22**  
Plenary  
Sessions &  
Discussion



# Audience Details



- Chair, President, GM, CXO, SVP (55%)
- VP, Country, Head, Senior Manager (31%)
- Academia (9%)
- Commercial, Sales, (5%)



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“Faced with those who are stepping back from their commitments to decarbonize solutions and postponing their timelines, we must now forge new alliances—with engineers who refuse to abandon the quest for a better world, with members of the industry who remain eager to innovate, and with consumers who are increasingly seeking cleaner alternatives that are less detrimental to health, provided they are safe, effective, and, most importantly, affordable.

— H.S.H. Prince Albert II of Monaco



# Key Takeaways

## → Resilience and Collaboration Are Key

In the face of challenges within the hydrogen market, resilience and unwavering commitment are essential. By doubling efforts and demonstrating the tangible benefits of decarbonization, we can inspire confidence in the changes we advocate. Collaboration is equally critical—building alliances with engineers, innovative industry leaders, and consumers seeking cleaner, affordable alternatives will drive progress. Hydrogen holds immense promise as a decarbonized energy source, and the advancements showcased each year reaffirm its potential to shape a better, more sustainable future.

“

“If we look from the fact that airplanes traffic will increase double, then there is no other way how we can go after this challenge. Sustainability is in the center of our strategy, and even in the center of our purpose [...] We have to use different means to decarbonize the industry, this is our ticket to bring this additional 24,000 extra aircrafts in the next 20 years. Therefore, there is not just one ‘mean’ that is going to make it, the SAF is in the center and will be the major technology that is going to help us in the fastest way to reduce emissions and we are, at the same time, looking at hydrogen [...] and of course improved aerodynamics.”



**Dr. Greg Ombach**

Head of Disruptive R&T, Senior Vice President,  
Airbus, Germany

## → A Multi-Faceted Approach to Decarbonizing Aviation

Sustainability is at the core of the strategy to decarbonize aviation and accommodate future aircrafts in the next decades. While Sustainable Aviation Fuel (SAF) will play a central role in reducing emissions quickly, the exploration of hydrogen, hybrid solutions, and advanced aircraft designs like improved aerodynamics and propulsion systems are necessary. Aerodynamics, in particular, holds significant potential to enhance energy efficiency and drive the industry's transformation.



# Key Takeaways

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“The point is, not so much about regulations itself, it is about changing all the time. Whatever it is, be stable and stick with it for a longer term. I think that will be my plea to the regulators and the NGOs of this world trying to make policies that are stable. Not so much what they are, it's more about stability.”



**Dr. Marco van der Sanden**  
CEO & Partner, MarineFifty, Netherlands

## → A Call for Consistency in the Maritime Industry

The emphasis is on the importance of regulatory stability. Rather than the specifics of the regulations themselves, the focus should be on establishing consistent, long-term policies that provide clarity and reliability for the industry to thrive.



Clean hydrogen: taking stock, looking ahead

Dr. Johannes Trüby, Partner – Energy & Climate

December 2022

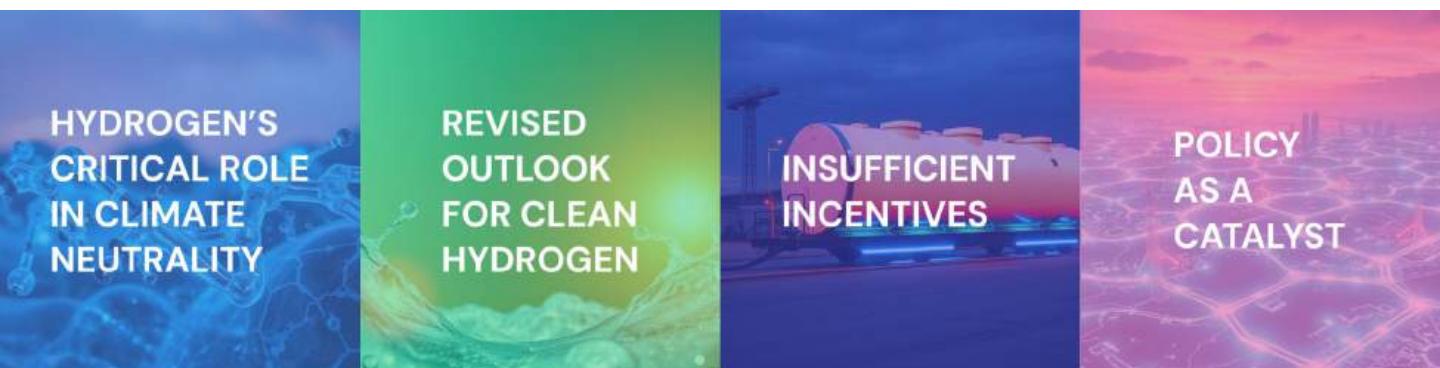


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## State of Play Presentation by Deloitte France:

We kicked off the event with a state-of-play presentation in collaboration with our knowledge partner, Deloitte France. Delivered by **Dr. Johannes Trüby, Partner and Energy & Climate Director at Deloitte France**, this opening session aimed to share their latest insights and perspectives on the clean hydrogen market.



With three-quarters of the world committed to climate neutrality, hydrogen, despite delays, remains a pivotal factor in achieving these goals.

Inflated expectations have given way to a more targeted focus on the most effective use cases.

Current incentives and support fall short of what's needed to boost large-scale hydrogen development.

Bridging the cost gap through robust policies is essential to enable mass deployment and drive down costs.



## Innovation at the Center

Through our [H2 Innovation Tables](#), a dedicated showcase space designed to highlight breakthrough hydrogen solutions, we connected innovators with an international audience of industry leaders, investors, policymakers, and institutional stakeholders. Partners, members, and key contributors to the Monaco Hydrogen Alliance brought their technologies and projects to Monaco, presenting their work to H.S.H. Prince Albert II of Monaco.



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## Strategy & Sector-Specific Deep-Dives

Parallel, participative workshops and roundtable discussions were held by members of the Alliance as well as leading companies in the renewable energies and hydrogen.



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## Powered by Bombardier



Bombardier

Hosted by Bombardier, this deep-dive session convened leading industry stakeholders to explore the role Sustainable Aviation Fuels can play in decarbonizing air travel.



## Venture Investment Fund Breakfast

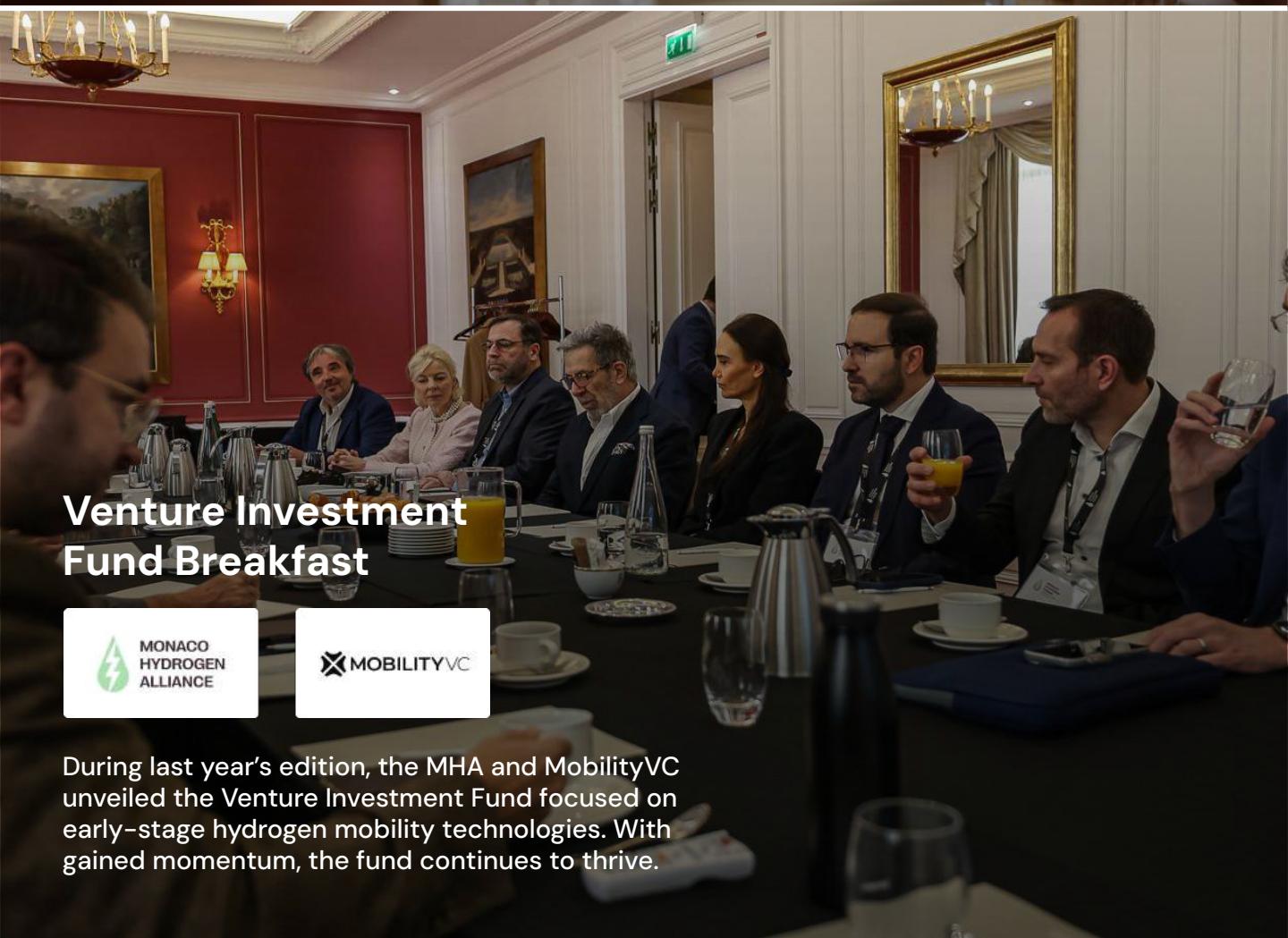


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MobilityVC

During last year's edition, the MHA and MobilityVC unveiled the Venture Investment Fund focused on early-stage hydrogen mobility technologies. With gained momentum, the fund continues to thrive.



Ambassador  
Hydrogen, France  
2030, France

Hydrogen R&D  
Project Manager, IFP  
Energies Nouvelles,  
France

President, 45-8  
Energy, France

CEO, Green Investors  
AG, Germany

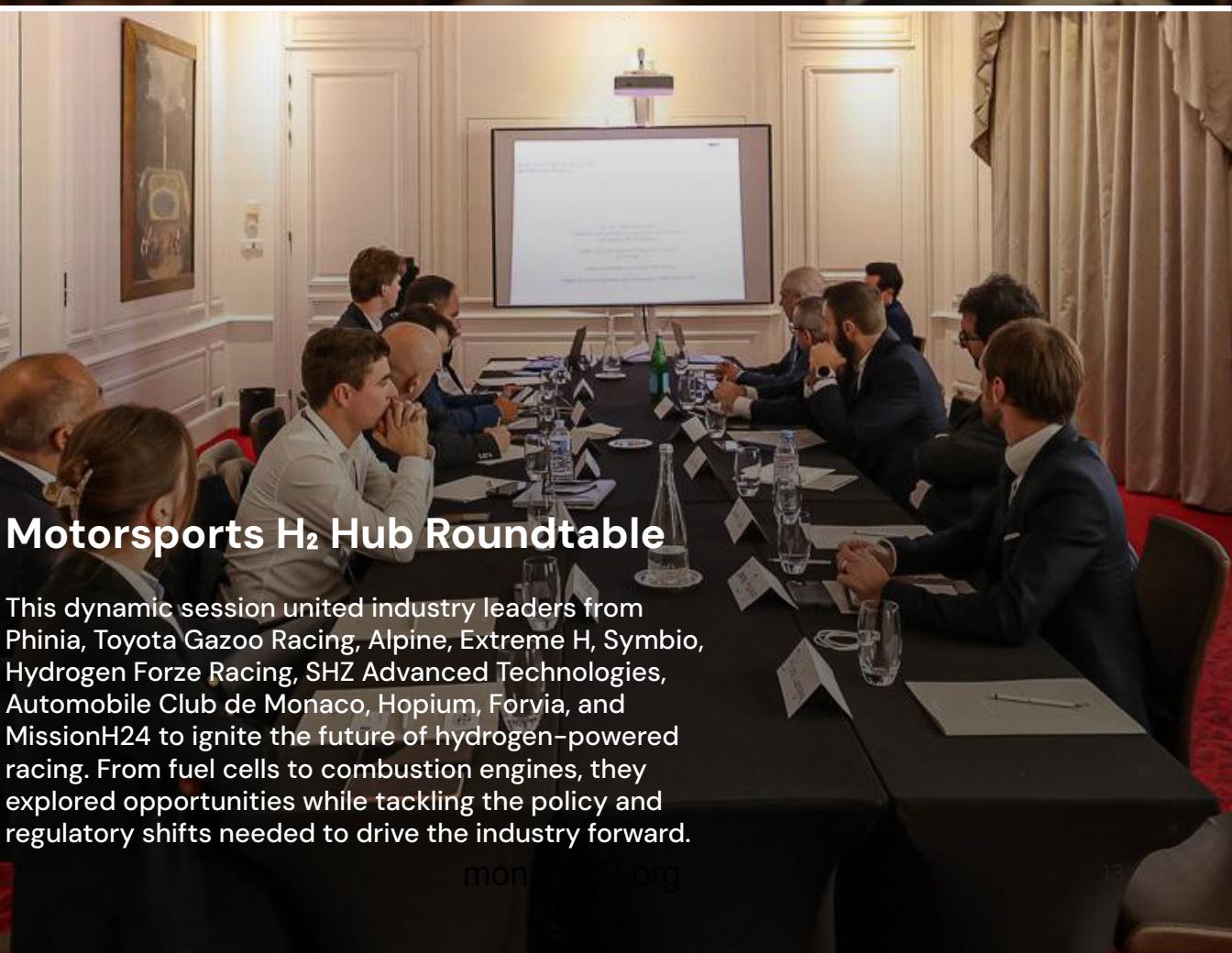


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## White Hydrogen: A First In Monaco

White hydrogen was discussed for the first time at the Forum, exploring its cost advantages, technological innovations, and the strategic role of oil and gas companies in its adoption.

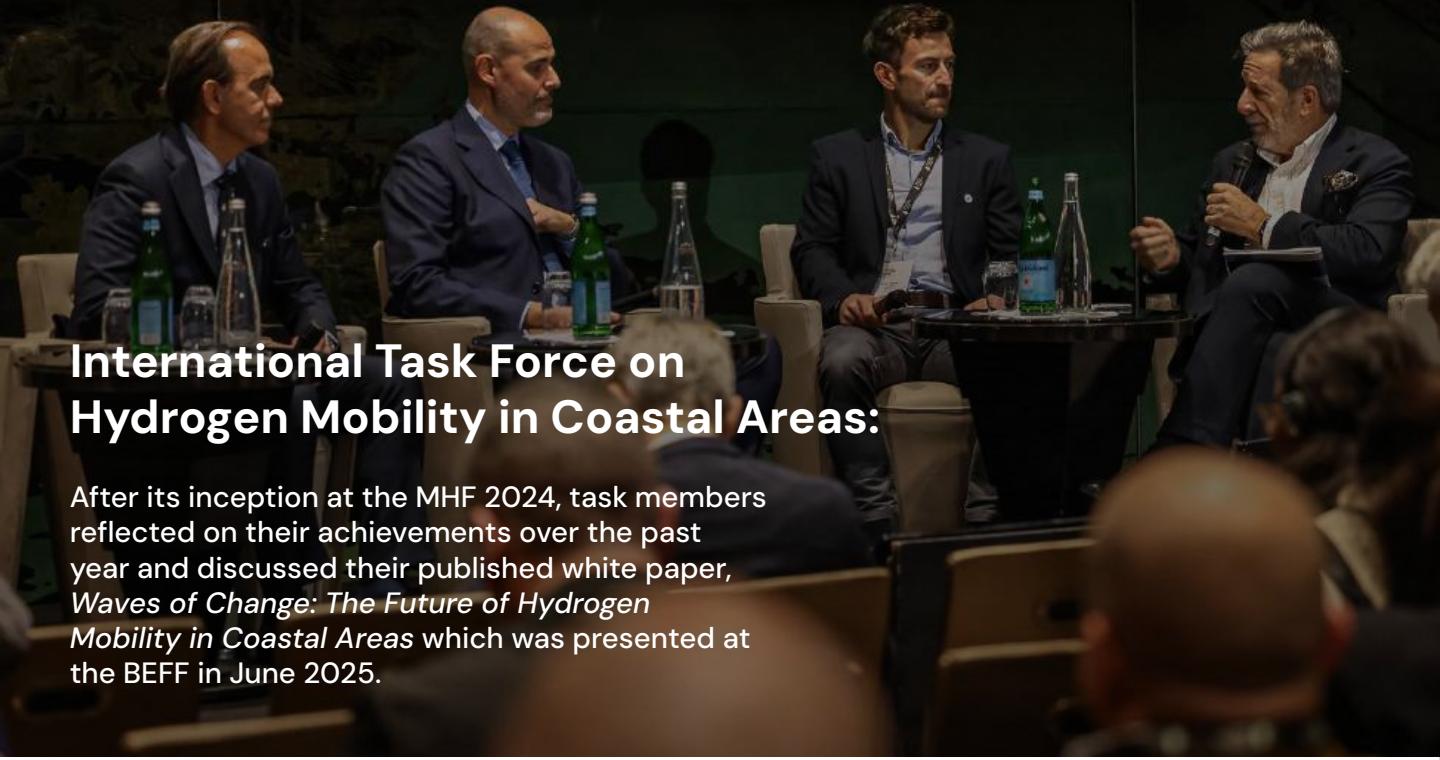


## Motorsports H<sub>2</sub> Hub Roundtable

This dynamic session united industry leaders from Phinia, Toyota Gazoo Racing, Alpine, Extreme H, Symbio, Hydrogen Forze Racing, SHZ Advanced Technologies, Automobile Club de Monaco, Hopium, Forvia, and MissionH24 to ignite the future of hydrogen-powered racing. From fuel cells to combustion engines, they explored opportunities while tackling the policy and regulatory shifts needed to drive the industry forward.

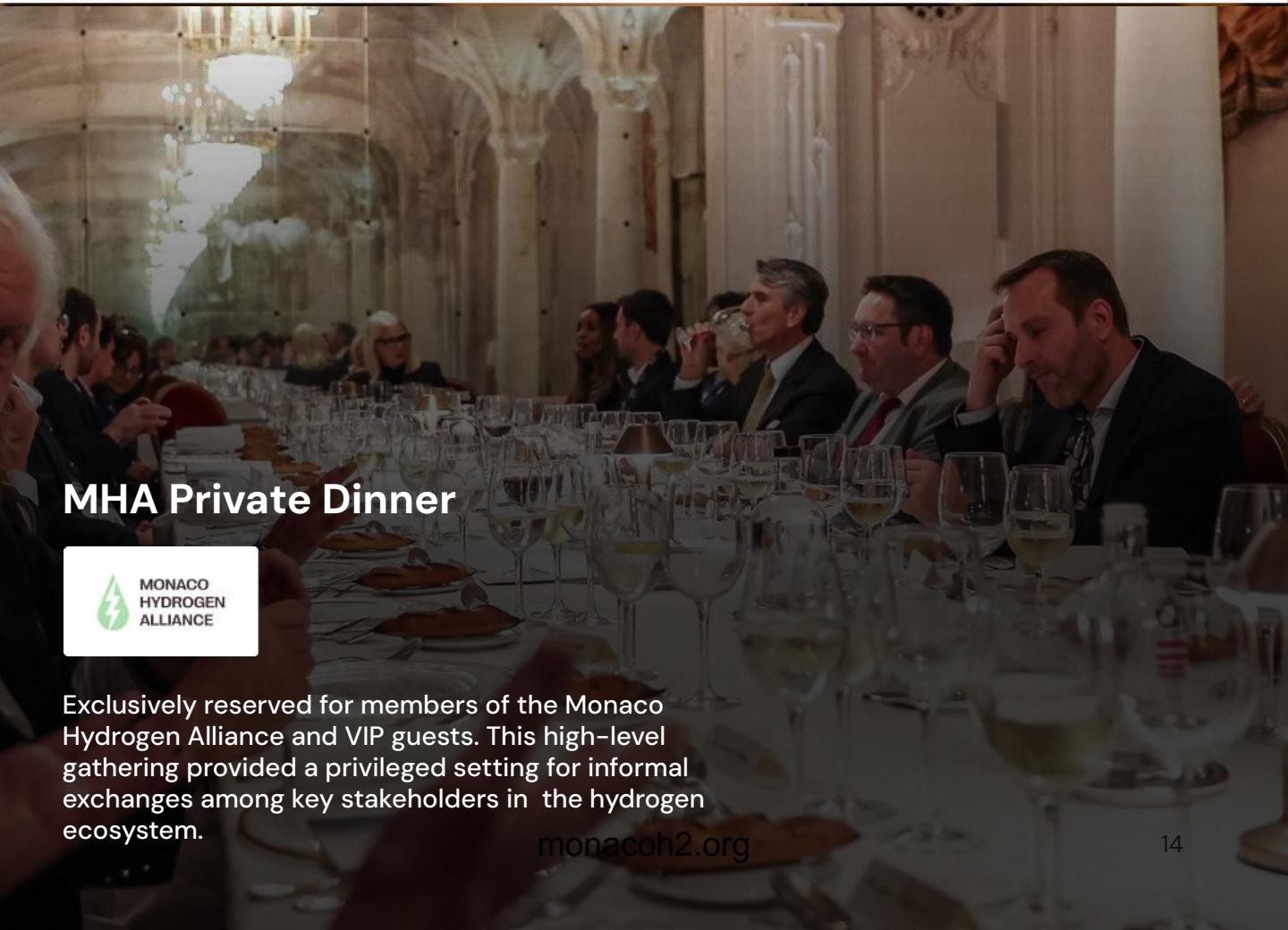


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## International Task Force on Hydrogen Mobility in Coastal Areas:

After its inception at the MHF 2024, task members reflected on their achievements over the past year and discussed their published white paper, *Waves of Change: The Future of Hydrogen Mobility in Coastal Areas* which was presented at the BEFF in June 2025.



## MHA Private Dinner



Exclusively reserved for members of the Monaco Hydrogen Alliance and VIP guests. This high-level gathering provided a privileged setting for informal exchanges among key stakeholders in the hydrogen ecosystem.



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# Monaco Prize for Innovation in Renewable Hydrogen & Transportation



The Forum saw the fourth edition of the **Monaco Prize for Innovation in Renewable Hydrogen and Transportation** in which eight finalist companies pitched their cutting-edge solutions to a distinguished panel of international judges.

Eight finalist companies from six countries showcased their cutting-edge solutions to a distinguished panel of international judges. The lineup included **Powerup Energy Technologies** from Estonia, **UR POWER** and **SHZ Advanced Technologies** from France, **EVARM** from Spain, **Theta Motoren** and **WEW** from Germany, and **King Abdullah University of Science and Technology** from Saudi Arabia.

## The Prize's Jury Members



**Alicia Eastman**  
Managing Director, APC  
Investors, United Kingdom



**Wim Elfrink**  
President & Founder, WPE  
Ventures Digitized  
Solutions



**Krishnan Narayanan**  
Partner, MarineFifty, United  
Kingdom



**Dr. Manuel Villavicencio**  
Energy & Climate Director,  
Deloitte France



## Meet the Winners of the Monaco Prize 2025

**WEW GmbH**, vision offers a radically simplified water electrolysis system, designed to reduce costs, increase reliability, and improve efficiency. The minimalist architecture enables scalable, local hydrogen production while reducing technical complexity. The project from Germany won the *Monaco Prize for Innovation in Renewable Hydrogen and Transportation*, which demonstrates a truly innovative approach to advancing renewable hydrogen and sustainable mobility.

Three other companies were formally recognised and awarded by **S.E. Mrs. Céline Caron-Dagioni**, Minister of Public Works, the Environment and Urban Development, Monaco, who presided over the ceremony, opening it with a keynote address about Monaco's initiatives in energy transition and reaffirming Monaco's interest in H2 initiatives, particularly in the maritime sector, heavy mobility, and professional equipment:



The Best Cross-Sector Applicability Solution was awarded to the United Kingdom's **Intelligent Energy**



**PowerUP Energy Technologies**, from Estonia, was awarded the Most-Disruptive Potential.



Spain's **EVARM** was awarded the Best Emerging Technology Solution.



# Testimonials

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“Today His Serene Highness Prince Albert II of Monaco opened the Monaco Hydrogen Forum. His commitment to a decarbonised future isn't symbolic. It's structural. For years he has positioned Monaco as a steady, credible backbone for climate action and clean-energy innovation. In times where sustainability can lose momentum while affordability gains it, this kind of leadership matters. It keeps the long-term trajectory intact.”



**Erik Schafer**  
Chairman, Investors AG,  
Germany

”

“Fantastic day and I found HSH Prince Albert II's optimistic committed speech absolutely invigorating. Many countries are backing away from the hard work as soon as it becomes politically expedient so it's really refreshing to see real leadership endure. Very proud to be a trustee of this wonderful organization!”



**Alicia Eastman**  
Managing Director, APC Investors,  
United Kingdom

”

“Above all, the forum brought together an engaged, visionary and charming audience — decision-makers, entrepreneurs and innovators committed to shaping the energy transition while preserving our way of life.”



**Marcella Franchi**  
Business Development Director,  
Head of SAF, Haffner Energy, France

”

“The Monaco Hydrogen Forum 2025 was an excellent platform to connect and further accelerate the growth for Green Hydrogen and its Bosch applications.”



**Matthias Ziebell**  
Senior Vice President Customer  
Accounts & BUD Energy Market,  
Robert Bosch GmbH, Germany

”

“I enjoyed a engaging couple of days at this year's Monaco Hydrogen Alliance Forum (...) I am energised by sharing the room with innovators, entrepreneurs investors and those with a passion for making a difference. In the hydrogen sector, we need to celebrate our milestones and continue to articulate the areas where our technologies can add value in our energy transition for our industrial and mobility sectors.”



**Dr. Emma Guthrie**  
CEO, The Hydrogen Energy Association,  
United Kingdom



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## Media Coverage

**TVMONACO**

**NEWS.MC**  
Monaco Daily News

**Monaco**  
◆ Tribune



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**H2 TODAY** [Le Prince Albert de Monaco motivé sur l'hydrogène](#)

**H2 TODAY** [Le forum de Monaco récompense une start-up qui propose de démocratiser les électrolyseurs](#)

**H2 TODAY** [Forum de Monaco: Une Accélération dans le Sport Auto à L'hydrogène](#)

**Agence D'Information D'Afrique Central**  
[Maixent Raoul Ominga au Forum de Monaco sur l'hydrogène 2025](#)

**Stmwi Bayern** [Monaco Hydrogen Forum](#)

**News.MC** [Fuel of the Future Monaco Puts Hydrogen on Pole Position](#)

**Hopium** [HOPIUM conforte sa position d'acteur reconnu de l'hydrogène lors des salons de Monaco et Belfort](#)

**Ambassade du Congo** [Le Congo met en avant sa vision énergétique au Forum de Monaco sur l'hydrogène](#)

**TVMonaco** [News Segment](#)

**Atlantic Cluster** [Monaco Hydrogen Forum 2025 Focus](#)

**Monaco Tribune** [Le Prince Albert II a lancé ce lundi 1er décembre la 4ème édition du Monaco Hydrogen Forum](#)

**Académie de La Mer** [Monaco Hydrogen Forum](#)



# Special Thanks to our 2025 Partners

Our Members & Partners are fundamental to our work and success. They support us in promoting innovation, guide our strategy and development and inspire our mission to decarbonize the transportation sectors and transition towards a greener economy.

## Founding Partner



## Knowledge Partner



## Leadership Partners



## Network Partners



## Expert Partners





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# Special Thanks to our 2025 Partners

## Hydrogen Partners



## Institutional Partners



## Media Partners



## Interested in partnering?

Contact us at [info@monacoh2.org](mailto:info@monacoh2.org) to receive more information on our membership options, upcoming events and engagements.



## And a special thanks to our Gala Dinner Sponsor

A special mention and an expression of gratitude to Scorpio Group for having sponsored the Gala Dinner of the Monaco Hydrogen Forum for its attending VIPs, Speakers and Participants.



# Featured Attendees



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**AIRBUS**



**BOSCH**



**Deloitte.**



**GASCADE**



hycamite

**IEA**



**Niterra**

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## About the Monaco Hydrogen Alliance

**The world's only platform exclusively dedicated to renewable hydrogen and mobility**

The Monaco Hydrogen Alliance is a not-for-profit Association under Monegasque law to promote the use of renewable hydrogen in land, air, and maritime transportation. Alliance members include key public and private hydrogen operators, as well as transportation & mobility industrial leaders and policy makers coming from all over the world.

### Building on Monaco's leadership in Energy Transition

The Principality of Monaco's leadership in Energy Transition and in the fight against climate change — as well as its preeminent global position in the world of motor sports, global shipping and energy trading — make it an ideal host for a new and important global conversation on Hydrogen and Mobility.

### Engage With Us On Social Media

Communicate and engage with us on your social media accounts:



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**We look forward to meeting  
you again in 2026!**

**Any questions?**

Contact us on [info@monacoh2.org](mailto:info@monacoh2.org) to receive more information on our membership options, upcoming events and engagements.

For any additional information, visit the Monaco Hydrogen Alliance Website: <https://monacoh2.org>

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