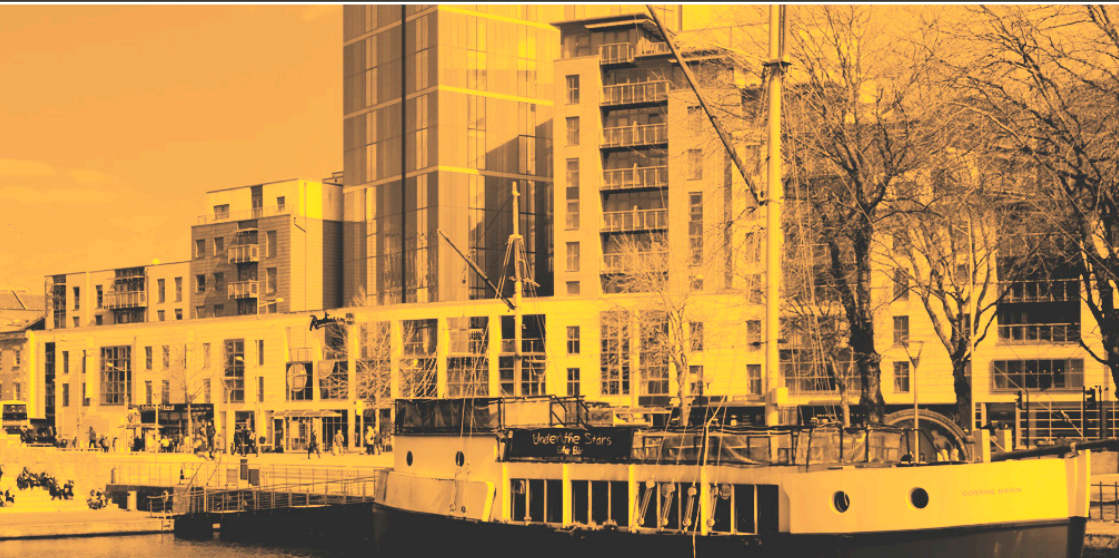


Hydrogen₂ Industry Leaders 100

Breakfast Hub

24 March 2023
Radisson BLU
Bristol



Join the Conversation #H2Leaders

Firstly, I want to welcome you all to the first of our **HIL** Breakfast Hubs – **HIL** 100 Breakfast Hub Bristol.

Hydrogen Industry Leaders believe in providing unique opportunities for supply chain engagement. Our informal, small breakfasts help reach the core of regional objectives and challenges for the hydrogen sector.

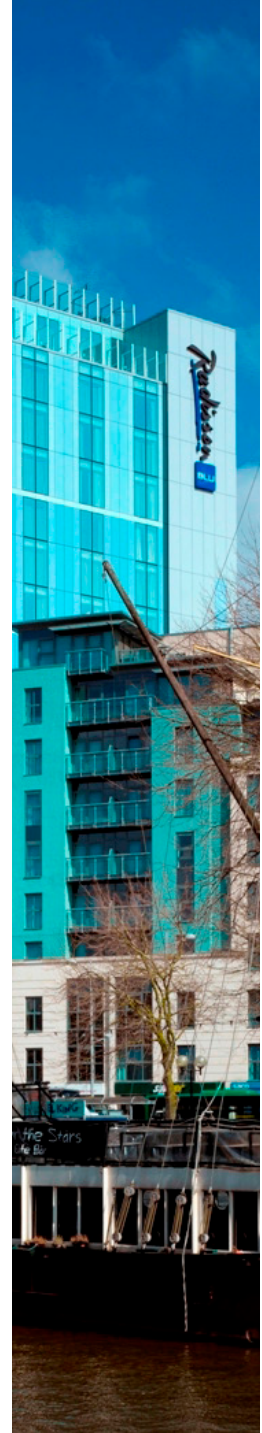
The South West region of the UK offers many opportunities for hydrogen production, storage, and distribution. One of the key areas of opportunity for hydrogen in the region is in the transport sector, as the region has a significant number of ports and harbours, making it the ideal location for the deployment of hydrogen-powered shipping and maritime transport.

Today will focus on exploring the opportunities of hydrogen throughout the morning session through presentations and networking sessions with the hope of showcasing how we can increase the downstream flow of hydrogen and more.

We wish you an enjoyable morning meeting up with old and new faces and hope you take away the information to help you with your forthcoming objectives.

Martin Taylor

Director
Peloton Events



SCHEDULE | accelerating hydrogen use

BRISTOL BREAKFAST HUB

Morning Overview

07.30 – 08.15 | Registration and networking

08.15 – 09.15 | Breakfast

09.20 – 09.35 | David Eccles, Hydrogen South West Lead

09.35 – 09.50 | Richard Bonner, Chair of the Local Enterprise Partnership

09.50 – 10.05 | Debby Skellern, Hydrogen Lead at Western Gateway

10.05 – 11.00 | Networking





Floyd March

Editor and Presenter
Hydrogen Industry Leaders

Floyd March is an Editor, Podcaster and Presenter at **HIL** and has been in his role for over two years. During his time at the company, he has engaged in debate and conversations with key decision makers and private sector bodies while holding Government and Local Authorities to account for their policy decisions.

As a Trainee Journalist at Channel 4, Floyd covered stories on the NHS, social housing and the environment, where his passion for sustainability in the hydrogen sector grew.

Additionally, he worked as a camera operator for Sky News, covering the general election of 2019. Creating documentaries on these topics was the best way to highlight the importance of change to a broad audience.

He has qualifications from De Montfort University, where he studied and achieved first-class honours for his Media and Communication undergraduate degree.

He also got a scholarship to study for his master's in Investigative Journalism, which was affiliated with Channel 4.



David Eccles CBE
Hydrogen South West Lead

David was the public face of the Hinkley Point C new nuclear power station project for 10 years, acting as the interface between EDF and stakeholders across the region. He is now an independent consultant working for clients ranging from Bristol Airport on its hydrogen infrastructure strategy to the Somerset Rivers Authority on the revision of its Flood Action Plan.



Richard Bonner
Chair of the LEP

Richard joined the LEP Board in 2019 and also served on the West of England Economic Recovery Taskforce. A chartered civil engineer, he has a background in design and consultancy working generally in the building sector with both public and private sector clients – helping the region grow and develop sustainably and competitively.



Debby Skellern Hydrogen Lead Western Gateway

Debby is working in collaboration with industry and academia to understand the role hydrogen will play in decarbonising the economy. She has led the development of the Western Gateway Hydrogen Ecosystem with a brochure and interactive map to highlight the area's strengths and is working on a Hydrogen Strategy and Delivery Pathway to 2050 for the area.



BREAKFAST HUBS | why regionalised

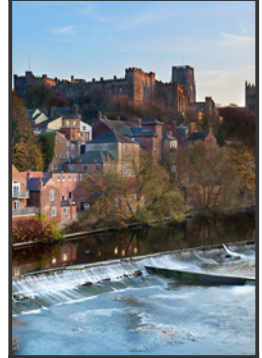
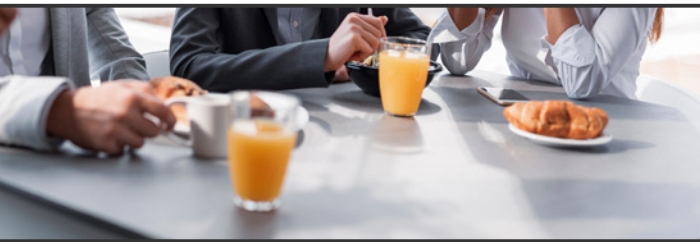
Regionalised breakfast events can play a crucial role in highlighting local projects that develop the net zero agenda. Such events provide an opportunity for individuals, businesses, and organisations to come together and discuss the challenges and opportunities of achieving a more sustainable future.

The informal setting of these events encourages honest conversations and allows for sharing of ideas and experiences. This can be especially important for local communities that may face unique challenges in transitioning to net zero.

By showcasing local projects, these events can also help to inspire and mobilise action. Seeing examples of successful initiatives can demonstrate that a transition to net zero is achievable and can help to build momentum for change. Additionally, highlighting local projects can provide a platform for these initiatives to gain support and funding, ultimately helping them to grow and make an even greater impact.

As we work towards a more sustainable future, it is critical that we engage with our communities and build strong partnerships to achieve our goals.

hydrogenindustryleaders.com



UNLOCKING POTENTIAL

UNLOCKING THE TRUE POTENTIAL FOR HYDROGEN IN BRISTOL

If the UK is to unlock the full potential that hydrogen can bring the economy, maximising the cluster of projects and hubs across the country is vital; with Bristol being no exception to the rule.

Focusing on the aviation sector, Bristol is uniquely placed to be the home of an Airport Hydrogen Hub, which has been determined by a new partnership of Airbus, easyJet, and EDF's Hynamics. This UK project now joins a network of 'ZEROe' agreements that Airbus has reached with various airports in Europe and Asia Pacific to explore hydrogen technology.

The project brings together a network of hydrogen experts to assess the local and global hydrogen supply chains, forecast future hydrogen powered aircraft traffic, and explore how a hydrogen supply at Bristol Airport could also power other forms of transport, such as HGVs and other heavy vehicles.

Sector Collaboration at the heart of the project

By bringing together the Airport, the airline easyJet, manufacturer Airbus, and hydrogen generator Hynamics, the project creates a unique partnership to assess how hydrogen technology can be best used under 'real world' conditions. The project is one of several being taken forward as part

of Hydrogen South West, a cross-sector consortium of companies that is working to develop a hydrogen economy in our region.

Glenn Llewellyn, VP - Zero Emission Aircraft, Airbus, said: "Having a range of different airport projects like this is vital preparation for the arrival of our Zero Emission Aircraft from 2035. It's exciting for us to collaborate and learn with valued partners in this project as part of a dynamic UK hydrogen ecosystem."

South West England is home to a significant aerospace and aviation cluster providing around 100,000 jobs. Bringing forward zero emission technology for flight would cut global emissions, secure the long-term future of the sector, and create thousands of new green jobs.

The future for sustainable aviation is yet to be determined

Airbus plan to produce the world's first zero-emissions commercial aircraft by 2035. A modified Airbus A380 ZEROe demonstrator with a hydrogen-powered engine is expected to begin test flights in 2026. At Filton, Airbus is developing a Zero Emission Development Centre (ZEDC) for hydrogen technologies, including the development of a cost-competitive cryogenic fuel system.

Last month, easyJet announced an ambitious roadmap to achieve net zero carbon emissions by 2050, with hydrogen playing a key role. With Rolls-Royce, the airline will shortly begin ground testing of hydrogen-powered engines.

Jane Ashton, Sustainability Director, easyJet, said: “At easyJet, we are committed to working towards a future with zero carbon emission flying. We know that technology is a key driver to achieve our decarbonisation targets, with hydrogen propulsion expected to be critical for short-haul airlines like easyJet. This partnership will provide vital lessons on how the fuel can be used in the real world and builds on our strong relationship with Bristol Airport.”

Hynamics, a subsidiary of EDF, are specialists in low carbon hydrogen production by water electrolysis in France, Germany, and across the United Kingdom. Bristol Airport is making itself available as a testbed for new technology, as part of efforts to cut emissions from flights after its own operations become net zero by 2030.

Simon Earles, Director of Sustainability and Corporate Affairs, Bristol Airport, said: “Bristol Airport is delighted to be joining the ranks of prestigious airports around the world in working with Airbus to deliver zero emissions flight. We’re committed to leading on sustainability and opening ourselves up as a testbed for new technology.”



HIL

EDITORIAL

Hydrogen Industry Leaders is an exclusive media publication and networking platform collaborating supply chain and stakeholders worldwide through events, insights, podcasts, webinars, and an eMagazine.

Events | Bringing you together with key figures in the sector to discuss the biggest projects happening in the industry.

Hydrogen Insights | Articles that keep our readers up to date with the most innovative projects in the sector.

HIL Podcast | Enhances our listeners' knowledge in vital technical areas in the sector.

Webinars | Allow you to showcase your projects and network with industry leaders through Q&A sessions.

HIL eMagazine | Features exclusive insights from industry leaders and snapshots of international projects underway across the globe.

CASE STUDY | For Issue 05 of the **HIL** eMagazine, we worked with NanoSUN to create a bespoke front cover which featured their signature orange branding and a double-page spread at the centre of the issue. In addition to this, we have worked with NanoSUN on a tailored webinar event which has been promoted on all our social media channels.

Chat to our friendly editorial team to see how we can collaborate



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HIL

Building the Hydrogen Economy

LONDON 2023

The Radisson Hotel and Conference Centre, Heathrow
5 July 2023

Making the best use of existing infrastructure, ensuring final investment decisions are improved and building a future-proof hydrogen economy are integral aspects of building a secure hydrogen economy. HIL London will explore how the UK is performing in all these areas and the opportunities in the region.

- How do we build a future-proof hydrogen economy?
- What type of infrastructure will the industry need to develop/retrofit?
- How do we boost the amounts of final investment decisions?
- What are the main bottlenecks, and how do we make the most of these opportunities?



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HIL

Enhancing the Hydrogen Economy

GLASGOW 2023

Radisson BLU, Glasgow

28 November 2023

Continuing our annual Scottish Conference, join key decision-makers and thought leaders throughout the sector as we look to grow the hydrogen economy and enhance the energy transition through production, storage, distribution and end-use.

- What role will transport play in hydrogen storage, distribution, and end-use?
- How is Scotland uniquely positioned to explore onshore and offshore renewable options?
- How to unlock further investment opportunities for Scotland
- Explore how oil and gas companies can transition to green solutions



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Hydrogen₂ Industry Leaders 100

Breakfast Hub

Manchester
Durham
Bristol
Hull



New for 2023, the HIL 100 Breakfast Hub will offer a series of regionally focused network opportunities and a chance for stakeholders and suppliers to discuss key projects and pilots within the regions we cover.

These breakfast events will provide a touchpoint for the industry to collaborate, share best practices, and outline the role hydrogen will play in a net zero society.



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Breakfast Hub

IN PARTNERSHIP WITH



Western Gateway Porth y
Gorllewin



Peloton Events UK Ltd

Riverside Building, New Bailey Street, Manchester, M3 5FS.

t. 0161 519 8950

e. enquiry@peloton-events.co.uk

w. peloton-events.co.uk