



HZwoDAYS

*Kraftverkehr Chemnitz
09-10 June 2026*

**10 YEARS
OF SHAPING
THE HYDROGEN
FUTURE**

www.hzwo.eu

AGENDA HIC COLLOQUIUM | 9 June

11:00	DOORS OPEN AND NETWORKING
11:30 - 12:45	WELCOME SESSION 1: TECHNOLOGY CENTERS
	NETWORKING BREAK
13:30 - 14:30	SESSION 2: TECHNOLOGY CENTERS
	COFFEE BREAK
15:15 - 16:30	SESSION 3: HYDROGEN MADE IN EUROPE – ONGOING PROJECTS AND INITIATIVES ALONG THE VALUE CHAIN
	NETWORKING BREAK
17:00 - 18:15	SESSION 4: HYDROGEN MADE IN EUROPE – ONGOING PROJECTS AND INITIATIVES ALONG THE VALUE CHAIN
18:30	OPEN DOORS HZwo SUMMER PARTY

AGENDA HYDROGEN TECHNOLOGIES CONGRESS | 10 June

9:00	DOORS OPEN AND NETWORKING
10:00 - 11:00	OPENING: WELCOME AND KEYNOTE
	SHORT BREAK
11:30 - 13:00	SESSION 1: NON ROAD APPLICATIONS
	BREAK, EXHIBITION UND NETWORKING
14:30 - 16:00	SESSION 2: ELECTROLYSIS
16:00 - 17:00	CLOSING AND WRAP-UP AT THE EXHIBITION

Subject to change without notice. As of June 2026



HZwoDays

CURRENT PROGRAM

www.hzwo.eu/veranstaltungen/hzwo-days-2026/

WELCOME TO HZwoDAYS 2026 CONGRESS. EXHIBITION. PARTY.

Three Events. Two Days. One Hydrogen Community.

HZwo Days is all about **exchange, networking, and new ideas** in the field of hydrogen technologies. This year, we are once again bringing together stakeholders from business, science, and politics for two days.

Highlights include the **HIC Project Colloquium**, offering insights into current research and development projects; the Hydrogen Technologies Congress as part of ch2ance; and the accompanying exhibition, which serves as a central hub for exchange and networking.

A special highlight this year is our anniversary: **10 years of HZwo**. Since its founding in 2016, the network has grown into a cluster active throughout Europe and has consistently driven the industrial development and application of hydrogen technologies.

The first day of the event will conclude with our **summer party** under the theme "10 Years of HZwo" – a setting for personal conversations, new connections, and shared reflections.

We wish you inspiring experiences at the HZwoDays.

Dr.-Ing. Nico Keller
CEO
HIC gGmbH – Hydrogen
Innovation Center

Karl Lötsch
CEO
HZwo e.V.



HIC COLLOQUIUM | 9 June 2026

11:00 **DOORS OPEN AND NETWORKING with light refreshments**

11:30 - 12:45 **OPENING: WELCOME**

SESSION 1: TECHNOLOGY CENTERS

HyFaB – Model plant for fuel cell production research

Frank Häußler
Zentrum für Sonnenenergie- und Wasserstoff-Forschung Baden-Württemberg

HyCATT: Hydrogen Center for Applied Technologies – from Research to Scalable Hydrogen Solutions

Dr.-Ing. Lennard Margies
Zentrum für Mechatronik und Automatisierungstechnik Saarbrücken

Hydrogen Innovation Center – Services for Hydrogen Technologies and Current Infrastructure Development

Dr.-Ing. Nico Keller
CEO, Hydrogen Innovation Center / ITZ Ost

HyCentA: R&D Excellence Across the Entire H₂ Value Chain

Alexander Trattner
HyCentA Research GmbH

12:45 - 13:30 **NETWORKING BREAK**

13:30 - 14:30 **SESSION 2: TECHNOLOGY CENTERS**

HyTACC – Hydrogen Testing, Application and Certification Center in Pfaffenhausen, Bavaria

Prof. Dr.-Ing. Sergej Diel
Technische Hochschule Ingolstadt / ITZ Süd

Green Energy Technologies Centre of UJEP – supporting the regional transition

doc. Ing. Jan Novotný
Green Centre Technology of Jan Evangelista Purkyně, University in Ústí nad Labem

Roll-to-Roll Manufacturing of Membrane-Electrode-Assemblies (MEAs) for PEM Fuel Cells

Linda Ney
Fraunhofer-Institut für Solare Energiesysteme ISE

14:30 - 15:15 **COFFEE BREAK**

15:15 - 16:30 **SESSION 3: HYDROGEN MADE IN EUROPE – ONGOING PROJECTS AND INITIATIVES ALONG THE VALUE CHAIN, PART I**

HZwo: Inspect

Rico Löser
Fraunhofer-Institut für Werkzeugmaschinen und Umformtechnik IWU

Funding and Innovation Opportunities in the North Adriatic Hydrogen Ecosystem

Jurij Giacomelli
Meta Circularity

HZwo:BiPWalz

Prof. Dr. Lutz Engisch
Sächsische Walzengravur GmbH

A Norwegian Systems-Industry Approach to Improve Energy Utilization and Food Security

A Pilot Norwegian Model for Sustainable Industrial Transformation – The Hardanger & Odda Case
Ingvald Torblå
Odda Technology and Hardanger Hydrogen Hub

16:30 - 17:00 **NETWORKING BREAK**

17:00 - 18:15 **SESSION 4: HYDROGEN MADE IN EUROPE – ONGOING PROJECTS AND INITIATIVES ALONG THE VALUE CHAIN, PART II**

Hy.CoMM – A European Project on Hydrogen Powertrains for Off-Road Applications

Dr.-Ing. Martin Ufert
Fraunhofer-Institut für Verkehrs- und Infrastruktursysteme IVI

From a Viennese initiative to the cross-border Hydrogen Valley HyHOPE

Magdalena Lindl
Wien Energie GmbH

smartROLL: Sensor-Integrated System Components for Monitoring Process-Critical Parameters in Hollow Embossing Rolling

Dr. Michael Hirsch
Profiroll Technologies GmbH

Launching the HZwo Working Group on Sustainable Aviation and Drone Technologies

Dr. Arkadiusz Zurek
LOGdrone GmbH

18:15

GUIDED TOUR THROUGH THE EXHIBITION



CURRENT PROGRAM

www.hzwo.eu/veranstaltungen/hzwo-days-2026/

HZwo SUMMER PARTY | 9 June 2026

We are celebrating our anniversary and you are invited to join us. In a relaxed atmosphere, we would like to toast with you, engage in conversation, and further strengthen our network.

What can you expect? A balmy summer evening, delicious barbecue specialties, cool drinks, and lots of people who are making a difference in the world of hydrogen. It's the perfect opportunity to deepen existing contacts and take away new ideas.

Whether as a conclusion to the project colloquium or as a prelude to the 2026 Hydrogen Technologies Congress, the summer party offers the ideal setting to engage in conversation and initiate future developments within the network.

18:30 **OPEN DOORS**

19:00 **Opening ceremony with Dirk Panter, the Saxon Minister of State for Economic Affairs, Labor, Energy and Climate Protection**

23:00 **END OF THE EVENT**



HYDROGEN TECHNOLOGIES CONGRESS | 10 June 2026

09:00 **DOOR OPEN**

10:00 - 11:00 **OPENING: WELCOME AND KEYNOTE**

HZwo – Connecting Good Energies

Dr.-Ing. Gert Schlegel
Head of Network and Member Management, HZwo e.V.

Drive systems for construction machinery: State of the art and outlook

Prof. Dr. Frank Will
Technische Universität Dresden

ch2ance transformation hub and its offers for the transformation of European value chains

Dr.-Ing. Mirko Bach
project manager, HZwo e. V. | Transformations-Hub ch2ance

11:00 - 11:30 **SHORT BREAK**

11:30 - 13:00 **SESSION 1: NON ROAD APPLICATIONS**

Plug Power - The green hydrogen ecosystem

Benedict Munz
Plug Power

Hydrogen storage and electric drive functional solution for heavy-duty fuel cell-powered mobile machinery

Manuel Mehrkens, HÖRMANN Vehicle Engineering GmbH

Sustainable construction sites as competitive advantage for suppliers and operators

Uwe Bauer
move technology GmbH

Scaling Hydrogen in Off Road Vehicles: The Role of Balance of Plant Systems

Dr.-Ing. Udo Engelmann
HYDAC International GmbH

FLOW - making hydrogen happen! GASCADE's contribution to the German hydrogen core network

Dr. Dirk Flandrich
Gascade Gastransport GmbH

13:00 - 14:30 **BREAK, EXHIBITION UND NETWORKING**

14:30 - 16:00 **SESSION 2: ELECTROLYSIS**

Alkaline electrolysis: A technological overview for Germany and projects with Australia.

Dr. rer. nat. Christian Immanuel Bernäcker
Fraunhofer-Institut für Fertigungstechnik und Angewandte Materialforschung IFAM

Electrolysis – a growth market as a chance for German automotive supply industry

Johannes Helmstedt
Christian Bauer GmbH + Co. KG

Electrolyzer efficiency is overrated

Guy Verkoeyen
Exion Hydrogen Belgium BV

The Perfect Match: H₂ Fuel Cells and Batteries – Powering Independent Microgrids and Off-Grid Systems

Nico Gerweler
BEN-Tec GmbH

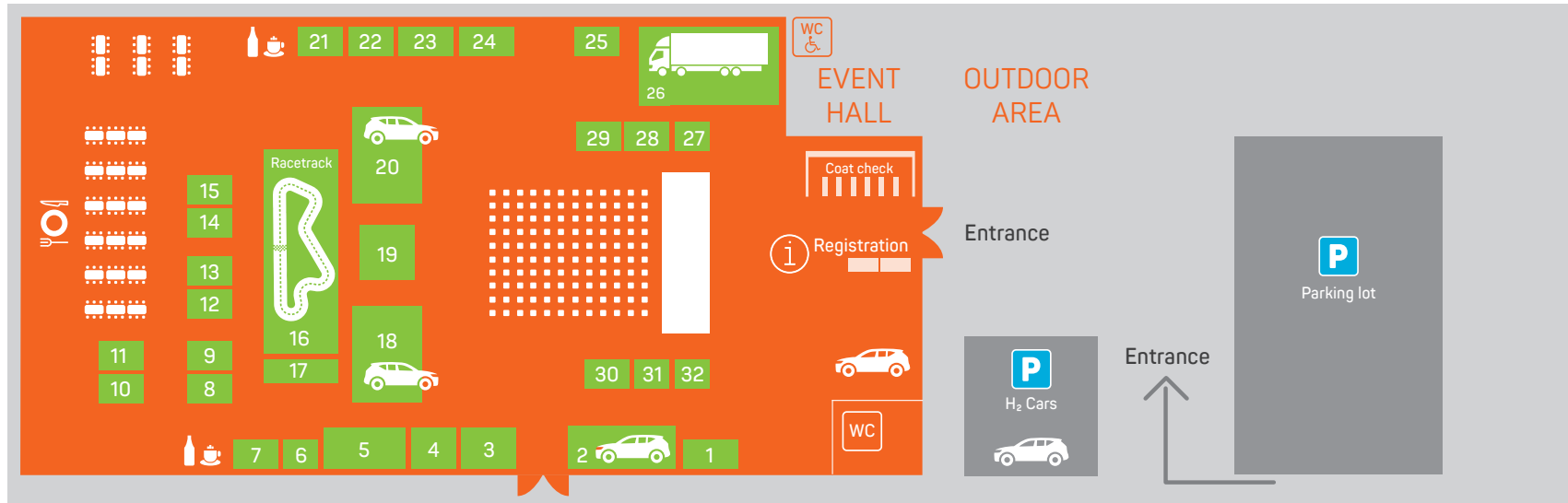
16:00 - 17:00 **CLOSING AND WRAP-UP AT THE EXHIBITION**



CURRENT PROGRAM

www.hzwo.eu/veranstaltungen/hzwo-days-2026/

EXHIBITOR AND FLOOR PLAN



OUR EXHIBITORS

1	 Hydrogen Center for Applied Technologies and Transformation	7	 PRÄZISIONSTEILE DRESDEN	13	 Swagelok	19	 OHIC HYDROGEN INNOVATION CENTER	25	 Sonplas	31	 STEIGER
2	 BMW GROUP	8	 Wolverine ADVANCED MATERIALS	14	 bürkert FLUID CONTROL SYSTEMS	20	 ch2ance	26	 FES/AES	32	 SweepMe!
3	 VINUITY	9	 BEN-Tec H ₂ POWERCELL	15	 NOVAJET	21	 CORPAC Kältumbau GmbH	27	 Simerics TECHNOLOGY BY DESIGN		
4	 MO technology	10	 Christian Bauer Precision Solutions	16	 TECHNISCHE UNIVERSITÄT IN DER KÜHLHAUPTSTADT EUROPAS CHEMNITZ	22	 Edgar	28	 NTS HYDROGEN		
5	 Institut Chemilizer Maschinen- und Anlagenbau e.V.	11	 KUSTEC cooling for a green future	17		23	 OPTIMA	29	 Krajské Inovační Centrum Karlovarského kraje		
6	 MS2 FOR GREAT RESULTS	12	 RUCKS	18	 HYDROGEN TECHNOLOGY CLUSTER	24	 Hy-Lok D	30	 hy-fcell International Expo and Conference 03-04 Mar 2027 Germany		

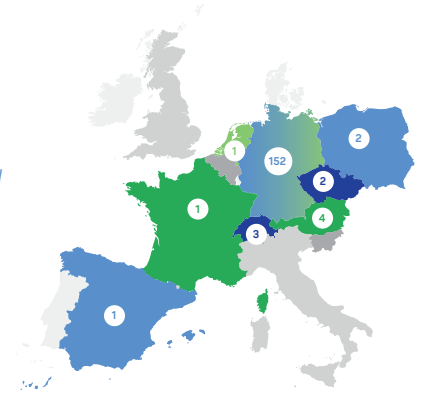
WE ARE HZWO

Through collaboration and innovation, HZwo helps turn the potential of hydrogen into real-world solutions. But transformation does not happen alone. It needs networks, collaboration and people who connect the dots.

This year, HZwo celebrates ten years of building connections, enabling projects and advancing the hydrogen economy. Over the past decade, our network has grown from a regional initiative into an internationally connected platform for hydrogen innovation and transformation.

With over 160 members and numerous national and international partners, HZwo supports innovation projects, knowledge transfer, and cooperation.

This page provides a concise overview of the key topics and activities of our network.



OUR SERVICES



We connect people.

Through workshops, seminars and networking events, we bring together experts, companies and researchers to exchange knowledge and build partnerships.



We offer knowledge.

Through our knowledge database and expert consultations, we make hydrogen expertise accessible to our members and partners and support them in understanding technologies, identifying opportunities, and advancing their hydrogen activities.



We initiate, advise and enable projects.

Collaboration is at the core of what we do. We initiate joint projects and working groups on key topics. We also implement projects ourselves – from regional initiatives such as KH2 in Saxony to the national transformation hub cH2ance and international collaborations.



We grow our network.

HZwo manages a network of more than 160 members and numerous international partners from industry, research and the public sector. Our network creates opportunities for collaboration, innovation and new hydrogen projects.

10 YEARS SHAPING THE HYDROGEN FUTURE



2016

PROJECT KICK-OFF

The start of a shared journey towards a hydrogen future.

2019

FIRST FC3

Bringing the fuel cell community together in Chemnitz.

2023

100 MEMBERS

A strong network driving innovation and transformation.

2025

HIC KICK-OFF

A major step forward for the Hydrogen Innovation Center in Chemnitz.

2026+

CONNECTING IDEAS AND PEOPLE

Expanding collaboration, locally and internationally.

HIC – HYDROGEN INNOVATION CENTER

The HIC offers a state-of-the-art and Europe-wide **unique development and testing environment with laboratories, test benches and workshops** to efficiently bring new hydrogen technologies to market readiness. SMEs and startups in particular benefit from this access to infrastructure and expertise.

In addition, HIC **connects industry, research and education**, thereby strengthening the region's **competitiveness throughout the transformation process**.

Engineering Center from July 2025

Economic Engineering Services

- Development of FC & electrolyzer systems, subsystems and components
- Feasibility and market studies, patent searches, knowledge transfer
- Specification development for components and assemblies
- Simulation of components and assemblies, development of testing procedures

Proving Ground, Lab and Office 2027–2030

Testing and renting local Infrastructures

- Proving Ground – Test field for H₂-systems
- R&D on testing methods and as a service
- Rentable proving ground, H₂ labs and workshops
- Academy for industry and crafts

DRIVE INNOVATION FORWARD WITH US!

www.hic-chemnitz.eu



ch2ance TRANSFORMATION HUB

The **ch2ance transformation hub** is part of the **German government's strategy to transform the automotive and supplier industries**. The goal is to **empower the industry, through knowledge transfer and networking, to identify and effectively leverage its individual potential in the field of hydrogen technologies**. Many skills, products, and processes can be adopted, but they must be redeveloped and validated under hydrogen conditions. To achieve this, knowledge must be shared and all key stakeholders must be connected.

The knowledge transfer activities of the ch2ance transformation hub focus in particular on the value creation potential of hydrogen-based fuel cell powertrains for on-road mobility, as well as, starting in 2026, non-road and non-automotive applications and electrolysis systems as new transformation pathways for suppliers.

As part of the project, a range of free support services has been developed.

Technology Scouting and Workshops

23 September 2026 | Kiel

Wasserstoff ahoi! Maritime Anwendungen der Zukunft

www.ch2ance.de/event/wasserstoff-maritime-anwendungen

Fuel Cell System Kit Available for Loan

The modular system clearly illustrates the main components and corresponding media flows of a fuel cell system, making it ideal for training sessions, as visual aids in client presentations, or for developing new ideas. Discover this engaging, hands-on training experience.



CONTACT

martin.hentschel@hzwo.eu



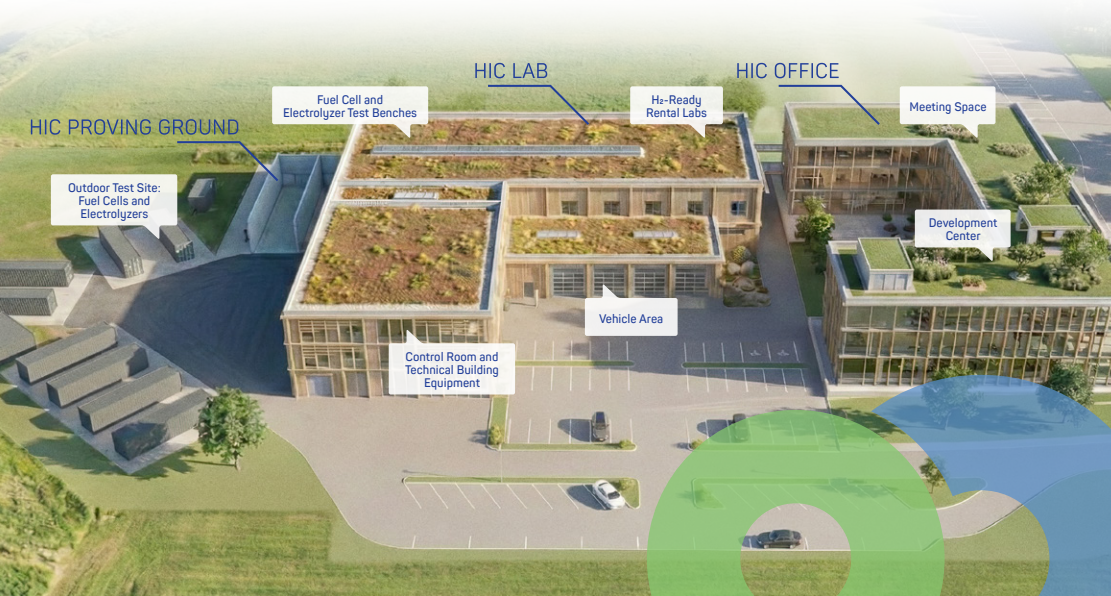
Interactive 3D model of a Fuel Cell Powertrain



WEBSITE

www.ch2ance.de/h2-wissen

Check out our interactive 3D model of the fuel cell powertrain



FC3 FUEL CELL CONFERENCE CHEMNITZ

10–11 November 2026 | Carlowitz Congress Center Chemnitz
Join us for two days of innovation in fuel cell and hydrogen technologies!

The conference will feature over **60 high-level presentations**, an **engaging poster exhibition** and a festive conference dinner. Don't miss this opportunity to exchange ideas directly with leading international experts in the field and register now!

International lectures on the following topics:

You can expect international specialist presentations from the following areas:

- **H₂-production:** electrolyzers, components, balance-of-plant, materials, simulation models, test methods, innovative production processes
- **H₂-storage and transport:** mobile and stationary storage, distribution systems, logistics, hydrogen compression, refueling, safety
- **H₂-applications:** fuel cells, components, balance-of-plant, materials, vehicle drives, stationary applications, simulation models, test methods
- **Production and scaling:** production processes and systems, (series) manufacturing technologies, automation, factory and process planning



sponsored by



Scientific Partners



BECOME A SPONSOR!

REGISTER NOW!
WWW.FC3CHEMNITZ.DE



PHOTO CREDITS

Page 5, 11, 13, 14: Jacob Müller
Page 11, 12: Generated by AI, Page 10: HZwo e.V.

As of June 2026. Subject to change.

FUNDING

The HZwoDAYS are jointly organised by: HZwo e.V. | HIC – Hydrogen Innovation Center gGmbH | Transformation Hub ch2ance



This measure is co-financed by tax funds on the basis of the budget passed by the members of the Saxon State Parliament.

Funded by:



on the basis of a decision by the German Bundestag.



Funded by the European Union
NextGenerationEU



Supported by:



on the basis of a decision by the German Bundestag.



HZwo e. V.
Technologie-Campus 6
09126 Chemnitz
info@hzwo.de



www.hzwo.eu



[hzwo](https://www.linkedin.com/company/hzwo)