

HY SUPPORTER NRW HY SUMMIT 2022

➤ 8 - 10 NOVEMBER IN DUISBURG & ESSEN



**NRW.ENERGY
4CLIMATE**

Landesgesellschaft
für Energie und Klimaschutz

EUROPE'S  HEARTBEAT



**NRW.GLOBAL
BUSINESS**

Trade & Investment Agency



**DUISBURG
BUSINESS &
INNOVATION**



METROPOLE
RUHR
BUSINESS

NRW.Global Business GmbH

The state-owned trade and investment Agency NRW.Global Business is the partner for all companies when it comes to investment projects and settling in North Rhine-Westphalia, Germany's No. 1 investment location. NRW.Global Business furthermore conducts activities to support companies from NRW in international growth markets and in networking with international business partners. In close coordination with its partners, NRW.Global Business provides a variety of measures tailored to the companies' needs: It is responsible for the organisation of joint trade fair presentations abroad as well as the coordination and support of international trade delegations from North Rhine-Westphalia to foreign countries. Numerous other industry information and brokerage events offer companies additional assistance in setting up and expanding international business.



NRW.Global Business GmbH

Völklinger Str. 4
40219 Düsseldorf, Germany
www.nrwglobalbusiness.com



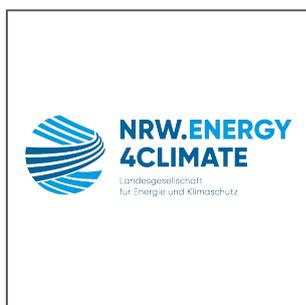
Felix Neugart
Chief Executive Officer
Phone: +49 211 13000 0
neugart@nrwglobalbusiness.com



Bety Chu
Head of Business Unit Greater China | Latin America
Phone: +49 211 13000 139
chu@nrwglobalbusiness.com

NRW.Energy4Climate

NRW.Energy4Climate is the state agency for climate protection and energy transition in the German state of North Rhine-Westphalia (NRW). Our aim is to be a key driving force behind efforts to implement the energy transition and meet climate targets in NRW, while simultaneously strengthening the state as a location for industry and services. We are focusing on the four highest emitting sectors – energy, industry, heat and buildings, and mobility – which together are responsible for more than 90 per cent of greenhouse gas emissions in NRW.



NRW.Energy4Climate GmbH

Kaistraße 5
40221 Düsseldorf, Germany
www.energy4climate.nrw



Inga Söllner

Project Manager international cooperations
Phone: +49 211 8220864 65
inga.soellner@energy4climate.nrw



Dr. Stefan Herrig

Project Manager industry & production
Phone: +49 209 408599 10
wasserstoff@energy4climate.nrw

Business Metropole Ruhr

The Business Metropole Ruhr GmbH (BMR) develops and markets the Ruhr metropolitan area as an economic region. It bundles the economic interests of the 53 towns and cities in the area. The goal is to enhance the competitiveness of the Ruhr region. This includes implementing and continuously evolving an overall economic strategy for the Ruhr metropolitan area as well as promoting the meaning of the area as a high-performing and innovative region, both nationally and internationally.

The Hydrogen Metropole Ruhr - HyMR for short - is a cooperation between Business Metropole Ruhr GmbH and Regionalverband Ruhr. HyMR is working to develop the Metropole Ruhr into the leading transfer region in Germany for the establishment of a nationwide hydrogen economy. This not only strengthens the business location, but also makes a significant contribution to climate protection.



Business Metropole Ruhr GmbH

Am Thyssenhaus 1 - 3
45128 Essen, Germany

www.business.ruhr



Niklas Reinert

Project Manager | HUB HyMR
Phone: +49 201 63248822

reinert@business.ruhr



Dr. Norbert Weritz

Project Manager Climate and Environment Protection
Phone: +49 201 2069437

weritz@rvr.ruhr

Duisburg Business & Innovation GmbH

Duisburg Business & Innovation GmbH (DBI) is the new economic developer for Duisburg. Together with the city, its goal is to create more jobs, produce a better image and greater international visibility, thus improving the quality of life of every single citizen of Duisburg. DBI, under the management of Dr. Rasmus C. Beck, is the competence centre of progress: innovative, visionary, entrepreneurially active. The guiding principles of all sustainable action are always climate protection and digitalisation. We lead the way as a driving force and convince others that Duisburg is a valuable and promising business location.

The hydrogen economy plays a leading and driving role in its transformation. It creates the basis for high attractiveness and sustainable quality of life and is therefore an integral part of economic development in Duisburg.



Duisburg Business & Innovation GmbH

Calaisplatz 5
47051, Duisburg, Germany
www.duisburg-business.de



Rasmus C. Beck
Geschäftsführer
Phone: +49 203 36 39 399
beck@duisburg.business



Marc Oliver Hänig
Leiter strategische Kommunikation
Phone: +49 203 36 39 352
haenig@duisburg.business

EWG - Essener Wirtschaftsförderungsgesellschaft mbH

ESSEN – EUROPE'S ENERGY CAPITAL!

Essen is the H2 think tank and engine behind the energy transition. The city is headquarter location of leading German energy and hydrogen companies which are working hand in hand with startups and research on the h2 future in the energy capital itself, but also as a driver in international projects.

Essen is the capital of the H2 movers and shakers: Public and private players in Essen are shaping innovative future projects and thus making a significant contribution to the development of a sustainable and viable H2 market.

The H2 Unit of EWG coordinates the H2 market ramp-up in Essen, supports the implementation of H2-projects and connects suitable partners. The EWG accompanies business through all stages of settlement and integrates new settled companies into the broad network of the energy capital.

We are the right point of contact for companies interested in H2.



ESSEN
BUSINESS

EWG – Essener Wirtschaftsförderungsgesellschaft mbH
Kennedyplatz 5
45127 Essen, Germany
www.ewg.de



Andre Boschem
Managing Director
Phone: +49 201 820 24 50
andre.boschem@ewg.de



Daniel Adler
Head of Innovation & H2-Unit
Phone: +49 201 820 24 79
daniel.adler@ewg.de

Premiumpartner

thyssenkrupp Steel Europe AG

thyssenkrupp Steel is one of the leading suppliers of high-grade flat steel and stands for innovations in steel and high-quality products for demanding applications. Steel has a good 26,000 employees and produces about 11 million tonnes of crude steel per year – making it Germany's largest flat steel manufacturer. Its capabilities range from custom material solutions to material-related services.

Steel fulfills the increasing demands for economical lightweight, growing construction and safety standards, researches and develops new high-tech steels and sets standards for high-quality surface and processing technologies as well as efficient steels for the energy and mobility revolution.

By as soon as 2030, thyssenkrupp Steel plans for around five million metric tons of low-CO₂ steel, which will deliver CO₂ savings of well over 30 percent. The now imminent construction of one of the largest hydrogen-powered direct reduction plants planned to date will also generate innovation and employment in the Ruhr region and beyond. The intelligent combination with newly developed melting units can serve as a model for many other decarbonization projects in the steel industry worldwide.

thyssenkrupp Steel Europe AG

Kaiser-Wilhelm-Strasse 100
47166 Duisburg, Germany
www.thyssenkrupp-steel.com



Dr. Marie Sophie Jaroni

Head of Decarbonization and Sustainability

Phone: +49 203 52-24866

marie.jaroni@thyssenkrupp.com



Fabian Botz

BusinessDevelopment
bluemint® Steel Center of
Decarbonization

Phone: +49 152 59391670

fabian.botz@thyssenkrupp.com

Hy.Region.Rhein.Ruhr e.V.

In Duisburg and the Rhine-Ruhr region, Hy.Region.Rhein.Ruhr e.V. is growing as an exchange and support platform for realising the transformation process to a climate-neutral region. In addition, the focus is on accelerating the market introduction of hydrogen and fuel cell technologies and hydrogen-based industrial processes and thus the realisation of a green hydrogen economy.

Within the association, you can regularly exchange information with hydrogen suppliers and users as well as with established research institutions and access a wide range of information and formats through workshops, events and individual consultations. Based on existing projects and project outlines as nuclei as well as the close link between research and industry, further projects for a carbon-free and promising energy technology can be set up together. By gaining information and jointly working on overarching issues (safety, regulations, political framework conditions, education and training), you can generate added value for your company and benefit from the development of concrete projects in and around Duisburg as well as from the linkage with other regions in the field of hydrogen production and use. The formation of a hydrogen model region, which has regional, supra-regional and cross-border effects, creates a competitive advantage. The establishment of new projects in the field of hydrogen and fuel cells also results in a locational advantage for all members.

Hy.Region.Rhein.Ruhr e.V.

Calaisplatz 5

47051, Duisburg, Germany

<https://hy-region-rhein-ruhr.de/>



Michael Hübner

Manager Wasserstoff DBI

Geschäftsstelle Hy.Region e.V.

Phone: +49 203 36 39 348

huebner@duisburg.business



Börje Wichert

Prokurist DBI

Phone: +49 203 36 39 365

wichert@duisburg.business



Thomas Patermann

Vorsitzender des Vorstands Hy.
Region e.V.

Sprecher des Vorstands
Wirtschaftsbetriebe Duisburg
AöR

Premiumpartner

H2UB

H2UB is the first pan-European platform for start-ups operating in the hydrogen ecosystem. The hub connects start-ups and future founders with corporates, venture capitalists/financing partners as well as research institutes, and provides coaching and supporting formats to successfully facilitate the realization of and market entry for innovative hydrogen ideas.

The aim is to grow and strengthen the start-up scene along the entire hydrogen value chain in Europe and to promote the collaboration of start-ups and H2UB partners to implement innovative solutions for a strong H2 ecosystem and a successful market ramp-up.

Digital and physical event formats, such as the "H2UB Deep Dive" offer the opportunity for hydrogen start-ups and corporates to discuss topics in depth. In the accelerator program "H2UB Sprint" start-ups benefit from customized individual and group coaching sessions with mentors and industry experts.

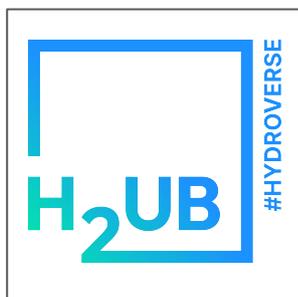
The "H2-LabNet" provides easy access to testing and prototyping services from a broad network of laboratories and research institutes. As a think tank H2UB contributes to the expert discussion on the further development of the hydrogen market.

H2UB GmbH

Jakob-Funke-Platz 2

45127 Essen

www.h2ub.com



Uwe Kerkmann

CEO

Phone: +49 151 22192576

uwe.kerkmann@h2ub.com



Moritz Glettenberg

Ecosystem Manager

Phone: +49 173 1720 114

moritz.glettenberg@h2ub.com



Carolin Nickel

Events & Projects

Phone: +49 162 664 96 90

carolin.nickel@h2ub.com

duisport - Port of Duisburg

Europe's central logistics hub and the world's largest inland port - duisport is one of the most important full-service providers and structural developers in the logistics sector. More than 20,000 ships and 25,000 trains pass through the Port of Duisburg as well as several million containers are handled at the site every year. The duisport network of industrial and logistics companies makes a decisive contribution to the optimization of national and international transport chains. The multimodal networking of international freight transports underlines the position of the Port of Duisburg as a gateway hub to the markets of Europe. With a diverse product portfolio and targeted investments, duisport constantly pursues the goal of positioning and developing the Port in a stable and future-oriented manner, both nationally and internationally. duisport is focusing on further infrastructural developments, intelligent brownfield development, modern transport concepts, and refurbishment and expansion work in and around the home location of Duisburg.

Duisburg as a model location for the logistics of the future - With the start of construction of the Duisburg Gateway Terminal (DGT) and the implementation of the joint project "enerPort II", the first completely climate-neutral hinterland terminal has been under construction since the beginning of the year. In addition to its enormous importance on an international scale, the DGT represents an outstanding economic boost for the entire Rhine-Ruhr metropolitan region.

Duisburger Hafen AG

Alte Ruhrorter Straße 42-52
47119, Duisburg, Germany
www.duisport.de



Alexander Garbar

Head of Corporate
Development and Strategy
Phone: +49 160 912 30240

alexander.garbar@duisport.de



Johannes Eng

Project Manager Corporate
Development & Strategy
Phone: +49 170 332 93 37

johannes.eng@duisport.de

Uni Duisburg-Essen

The University of Duisburg-Essen (UDE) is one of the youngest and largest universities in Germany, located in the middle of the Ruhr Metropolitan Region. Its broad spectrum of subjects ranges from humanities, social sciences and education to economics, engineering, natural sciences, and medicine – distributed among 11 faculties and 5 profile foci.

Due to the tradition of the Ruhr area in the fields of materials and energy, the UDE – together with a wide network of partners – provides core expertise in the hydrogen field. This expertise is bundled under the initiative "Hydrogen in Context" and relates to the following topics: electrochemistry & functional materials, storage & transport, measurement & simulation, automation, security & AI, mobility, and scenarios & energy economy.

In addition to worldwide partners from industry and science, especially the affiliated ZBT - The Hydrogen And Fuel Cell Center provides outstanding contributions as one of the leading research institutes in Europe for fuel cell and hydrogen technologies. And TrHy - The Hydrogen Proving Area is being created in Duisburg to cover the entire spectrum of innovation development, knowledge transfer, standardisation, certification and testing of fuel cell-based drive systems for the heavy-duty sector.

University of Duisburg-Essen

Forsthausweg 2
47057 Duisburg, Germany
<https://www.uni-due.de/>

Initiative "Hydrogen in Context":

https://www.uni-due.de/wasserstoff/index_en.php



Prof. Dr. Harry Hoster
Scientific Director of ZBT
Phone: +49 162 134 6531
h.hoster@zbt.de



Dr. Lisa Ollesch
Research Coordinator
Faculty of Engineering
Phone: +49 203 379 3619
lisa.ollesch@uni-due.de



Dr. Theresa Schredelseker
Science Communication
CENIDE
Phone: +49 203 379 8175
theresa.schredelseker@uni-due.de

Air Liquide

A world leader in gases, technologies and services for Industry and Health, Air Liquide is present in 75 countries with ~66,400 employees and serves >3.8 million customers and patients. Oxygen, nitrogen and hydrogen are essential small molecules for life, matter and energy. They embody Air Liquide's scientific territory and have been at the core of the company's activities since its creation in 1902.

Taking action today while preparing the future is at the heart of Air Liquide's strategy. The Group develops solutions contributing to climate and the energy transition - particularly with hydrogen - and takes action to progress in areas of healthcare, digital and high technologies.

Especially in NRW, Air Liquide operates a significant number of gas producing units and a unique pipeline network for its customers of the steel, chemical, refinery industry, for mid-sized companies, as well as the healthcare sector, and is fully committed to supporting them in their decarbonization efforts.

AIR LIQUIDE Deutschland GmbH

Luise-Rainer-Strasse 5
40235 Duesseldorf, Germany
www.airliquide.de



Gilles Le Van

Vice-President Large Industries
and Energy Transition

Central Europe

Phone: +49 211 6699 200

gilles.levan@airliquide.com

