



Business trip "Hydrogen Economy. From Production to Consumption."

Organizer: German-Baltic Chamber of Commerce

Duration: 3 days

Dates: 7 to 9 October 2025 (Tuesday to Thursday)

Language: English

Cities in Germany we will visit: Bochum, Düsseldorf, Duisburg, Münster, Wuppertal, Gelsenkirchen, Weeze, Herten

The trip price per person: 1,900 EUR + VAT

Registration Deadline: 15 September 2025

Trip price includes:

- transportation by private minibus,
- accommodation: two nights in a single room, including breakfast,
- all company visits,
- translation of visits to English, if necessary,
- lunch, dinner (7 and 8 October)

Flights not included

The trip will start and end at airport Dusseldorf International (DUS), flights to and from Dusseldorf are **not covered** by the trip price and must be booked yourself.

Last changes: 27.05.2025

Overview

We invite you to visit real life examples of hydrogen economy in Germany. The projects we will explore are located in the federal country of Nordrhein-Westfalen. The region is one of the most densely populated regions and largest industrial centers in Europe. Further, it combines its history as the energy center of German industry from coal with proximity to the Netherlands and a strive to a fossil free future growth.

In three days we will visit projects created by synergies of companies (for example waste management companies), policymakers, and academia.

Visits

Hydrogen Filling Station of Municipal Buses in the City Wuppertal

The buses of public utilities of the city Wuppertal are powered by fuel cells. The hydrogen used to power the buses is generated by an electrolyzer using electricity of the waste-to-energy (WtE) plant.

Hydrogen Cooperation Platform of Westphalian University of Applied Sciences

A cooperation platform for SME's in the hydrogen economy.

Company Hexagon Purus

Hexagon Purus is a full-service provider of high-pressure storage and transportation solutions for hydrogen and filling station solutions. The main production facility of the company in the city Weeze was expanded at the beginning of 2025.

Company Thyssenkrupp Steel

We will visit Thyssenkrupp Steel in the city Duisburg. The company is building a hydrogen-powered direct reduction (DR) plant on the port site in Duisburg-Walsum for the production of green steel.

Hydrogen Production for the Waste Management Company of the City Herten

Another example of hydrogen production from WtE. The municipal waste management company of the city Herten produces hydrogen. Most of the hydrogen is used for the company's own fleet and a waste collection vehicle. However, the filling station is also open to the public.

Hydrogen from Farm Manure

The research project involved the companies BtX energy and e-flox and researchers of the Department for Industrial Furnaces and Heat Engineering of University of Aachen. They developed a technology to manufacture hydrogen from the waste of a farm. Previously, the production facility was used in the manufacturing of biogas. The hydrogen produced has a technical purity of 99.999% and, therefore, can be used in fuel cells.

Company Air Liquide in Düsseldorf (TBC)

In August 2024, AirLiquide commissioned the largest production plant for green hydrogen in Germany at the Oberhausen site near Düsseldorf. This is also the first production plant in Germany to receive the Renewable Fuels of Non-Biological Origin (RFNBO) certificate to take part in EU ETS. Due to the increased number of visits at the site in Oberhausen we will have a presentation by AirLiquide.

Company Evonik Industries (TBC)

Evonik Industries AG is a German specialty chemicals company. It is the second-largest chemicals company in Germany, and one of the largest specialty chemicals companies in the world. We will visit the site in city Marl that is the biggest production site of the company.

Last changes: 27.05.2025

Company Nowega (TBC)

Nowega is a transmission system operator and service provider based in city Münster. The company operates and markets around 1,500 kilometres of high-pressure gas pipelines - from the Dutch border, across the northern German state of Lower Saxony, through parts of North Rhine-Westphalia, and all the way to the Wendland region. Nowega is one of the first mover companies building up the hydrogen core network in Germany. It is also a founding member and coordinator of the GET H2 hydrogen initiative, which consists of more than 50 companies, institutions and municipalities that are actively involved in the development of the hydrogen economy in Germany and Europe.

Sightseeing: the German Mining Museum Bochum

To connect old and new energy we will step into the past energy from coal. In the 19th century, The Ruhr region developed an economy centered on coal mining, coal power generation and coal-reliant heavy industries, most notably steel. Founded in 1930, the German Mining Museum Bochum is tasked with collecting, preserving, investigating, exhibiting and teaching the material heritage of the mining industry.

Accommodation

We will stay for both nights in Hotel am Schlosspark in the city Herten.



Transportation



Registration

Register here <https://ahk-app.org/networks/events/178453>, by entering the necessary details for contact and your company, and we will send you an invoice for the trip.

Recommended Flights

Flights to Dusseldorf, 7 October

From Riga: LOT flight LO794 to Warsaw Chopin (departure at 05:50), then LOT flight LO403 to Dusseldorf (departure at 07:40)

From Vilnius: LOT flight LO774 to Warsaw Chopin (departure at 6:20), then LOT flight LO403 to Dusseldorf (departure at 07:40)

From Tallinn: LOT flight LO792 to Warsaw Chopin (departure at 05:45), then LOT flight LO403 to Dusseldorf (departure at 07:40)

Flights from Dusseldorf, 9 October

To Riga: airBaltic flight BT234 from Dusseldorf (departure at 19:05) to Riga (arrival at 22:10)

To Vilnius: airBaltic flight BT234 from Dusseldorf (departure at 19:05) to Riga (arrival at 22:10), then airBaltic flight BT349 from Riga (departure at 23:15) to Vilnius (arrival at 23:59)

To Tallinn: airBaltic flight BT234 from Dusseldorf (departure at 19:05) to Riga (arrival at 22:10), then airBaltic flight BT361 from Riga (departure at 23:15) to Tallinn (arrival at 00:05)