



## 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.

## 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.

Here we will also hear a presentation of the company Schmidt & Kranz Group. Companies herein span high-pressure technology, hydrogen industry solutions, automation, underground mining and tunnel construction, mineral-processing and -recycling and related services.

### Schmidt Kranz Group

We will have a presentation from the company Schmidt Kranz Group. Companies of the group span high-pressure technology, hydrogen industry solutions, automation, underground mining and tunnel construction, mineral-processing and -recycling and related services.

### Port of Duisburg

The Port of Duisburg is the largest inland port in the world. As a trimodal logistics hub, it is one of Europe's key nodes for the flow of goods. Each year, more than 20,000 ships and 25,000 trains are handled in Duisburg, with over 100 million tons of cargo and around four million containers (TEU) moved through the port. The Port of Duisburg comprises 21 port basins, 10 container terminals, and approximately 200 kilometers of its own rail network.

### Company Nowega

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.

### AGR Abfallentsorgungs-Gesellschaft (Waste Management Company of the City Herten)

Another example of hydrogen production from waste. The municipal waste management company of the city Herten produces hydrogen from waste incineration. 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.

### Climate port Gelsenkirchen

The initiative "Klimahafen Gelsenkirchen" (climate port) involves 17 companies working to develop a blueprint for the climate-neutral transformation of an entire industrial and

logistics area. To decarbonize their process heat, these energy-intensive businesses aim for a rapid connection to a pipeline-based supply of green hydrogen.

### Company Evonik Industries

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.

### Sightseeing: Bochum Currywurst & German Mining Museum Bochum

Currywurst, like elsewhere in Germany, is a popular fast food dish featuring sliced sausage, typically bratwurst, smothered in a curry-flavored ketchup or sauce, often with a side of fries. Bochum has its own special sauce with additional spices.

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 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)