**Hydrogen Economy in the Federal States of Bremen and Niedersachsen**

Scottish Business Delegation - Glasgow Chamber of Commerce & British Chamber of Commerce in Germany –

|  |  |
| --- | --- |
| **Monday, 06.03.2023** | **Arrival in Bremen** |
| **17:35 PM**  **19:00 PM** | Arrive in Bremen  Check-in to Hotel  Location: Motel One, Am Brill 10, 28195 Bremen, Germany  Informal dinner/drinks (Scottish delegation [Restaurant & Bar LUV](https://www.restaurant-luv.de/), An der Schlachte 15 - 18, Bremen   * + Opportunity for Scottish Businesses to pitch   Location: Restaurant & Bar LUV, An der Schlachte 15 - 18, Bremen |
| **Tuesday, 07.03.2023** | **Bremen/Bremerhaven** |
| **09:00 AM** | Welcome and Briefing   * Welcome by Präses Eduard Dubbers-Albrecht, Bremen Chamber of Commerce - CCI for Bremen and Bremerhaven * Presentation Economic Overview Bremen/ Bremerhaven - Matthias Hempen, Project Manager, Bremeninvest * Presentation HY-5 Hydrogen Region Northern Germany and Bremen - Karsten Schmitt, Hydrogen Office Bremen   Location: Am Markt 13, 28195 Bremen  **Pick up packed Lunch bakery at 9:45am** |
| **10:00 AM**  10:30 AM Arrival | Transfer to Enginius (FAUN Umwelttechnik GmbH & Co. KG) in Bremen |
| **10:30 AM** | Enginius (<https://www.enginius.de/en/>)   * Hydrogen-powered municipal vehicles * Tour of the production facility with "Bluepower" and City Power FC trucks and * Refuse collection vehicle   Location: Walter-Geerdes-Straße 22, 28307 Bremen |
| **12:30 PM** | Stop-over at Hydrogen Refueling Station (one of ca. 100 700 bar stations in Germany) |
| **13:30 PM**  14:15 PM Arrival | Transfer to Bremerhaven (<https://www.bis-bremerhaven.de/business-location/hydrogen.99685.html>) |
| **14:15 PM** | [Hydrogen Lab: electrolysis test field](https://www.hydrogen-labs.fraunhofer.de/en/hydrogen-lab-bremerhaven.html) ([Fraunhofer IWES](https://www.iwes.fraunhofer.de/en.html))  [3D test stand](https://www.ttz-bremerhaven.de/de/medien/newsletter/2828-teststand-fuer-wasserstoffkomponenten-und-komplettsysteme.html) and test center for mobile hydrogen applications (ttz)  Location: Am Luneort 15, 27572 Bremerhaven |
| **15:00 PM** | H2 projects: E-Fuels ([methane](https://www.ttz-bremerhaven.de/de/medien/newsletter/2813-forschungsanlage-zur-herstellung-von-synthetischem-methan.html)/[methanol](https://www.ttz-bremerhaven.de/de/medien/pressemitteilungen/2839-synthetisches-methanol-als-maritimer-kraftstoff-fuer-die-schifffahrt-aus-bremerhaven.html)), [CO2 adsorption](https://www.ttz-bremerhaven.de/de/medien/pressemitteilungen/2798-senatorin-fuer-wissenschaft-und-haefen-hb-besucht-ttz-bremerhaven.html)  ([ttz Bremerhaven](https://www.ttz-bremerhaven.de/en/))  Location: Am Lunedeich 12, 27572 Bremerhaven |
| **15:45 PM** | [Microgrid test laboratory](https://www.hs-bremerhaven.de/forschung/forschungsprojekte/wasserstoff-gruenes-gas-fuer-bremerhaven/teilprojekte/microgrid/#c28746)  ([Bremerhaven University of Applied Sciences](https://www.hs-bremerhaven.de/en/))  Location: Microgrid container, Columbusstr. 20, 27568 Bremerhaven |
| **16:30 PM** | [Hydrogen from the perspective of Bremen's ports](https://www.bremenports.de/unternehmen/aufgaben/projekte/wasserstoff)  ([bremenports GmbH & Co. KG](https://www.bremenports.de/en/))  Location: bremenports, Am Strom 2, 27568 Bremerhaven |
| **17:45 PM** | Walk to restaurant Sponsored by Bremen (location to be confirmed tomorrow) |
| **18:00 PM** | Dinner, [Museum Restaurant and Café “Speisesaal”](https://www.dah-bremerhaven.de/en/restaurant-speisesaal)   * Richard to say thank you to the Bremen team   Location: German Emigration Center, Columbusstr. 65, 27568 Bremerhaven |
| **20:30 PM**  21:30 PM Arrival | Transfer to Bremen, Motel One Bremen |
| **Wednesday, 08.03.2023** | **Niedersachsen (tbc)** |
| **07:30AM** | Transfer to Wilhelmshaven |
| **09:00 AM** | [Tree Energy Solutions GmbH](https://tes-h2.com/wilhelmshaven-green-energy-hub/)   * Presentation of the [Energy Hub Wilhelmshaven](https://www.wirtschaft-wilhelmshaven.de/port-of-whv/energy-hub) by Uwe Oppitz, CEO Rhenus Ports GmbH & Co. KG and Alexander Leonhard, CEO, Business Promotion Agency Wilhelmshaven * Introduction of Companies and Projects, i.a. Sven Partzsch, General Manager, TES   Location: TES Showroom, Marktstraße 54, 26382 Wilhelmshaven |
| **10:30 AM** | Visit LNG Terminal Wilhelmshaven, Hydrogen Activities and Projects in Wilhelmshaven |
| **13:00 PM** | Lunch in Hooksiel |
| **14:00 PM** | Transfer to Oldenburg – German Aerospace Center (DLR)  Institute for Networked Energy Systems |
| **15:00 PM** | [DLR Institut für vernetzte Energiesysteme](https://www.dlr.de/ve/en/desktopdefault.aspx/tabid-12472/21440_read-49440/)   * Welcome by Dr. Alexander Dyck, Head of Unit, Presentation of Fields of Operation, Hydrogen Storage * Presentation on [Clean Hydrogen Coastline](https://www.ewe.com/en/shaping-the-future/hydrogen)“: Generation, storage and use of hydrogen for steel production and in mobility by Dr. Alexander Malchus, Senior Manager Business Development, EWE GASSPEICHER GmbH * Tour of the Institute   Location: DLR Institut Carl-von-Ossietzky-Straße 15, 26129 Oldenburg |
| **17:30 PM** | Transfer to [Restaurant KLINKERBURG](https://www.klinkerburg.de/index.php)  Location: Bahnhofsplatz 12A, 26122 Oldenburg |
| **18:00 PM** | B2B Network Reception (sponsored by Lower Saxony)   * Welcome Note by Nicola Illing, CEO of Metropolregion Northwest and Roland Hentschel, Chairman of the Energy Cluster OLEC * Closing speech by Richard Muir, Deputy Chief Executive, Glasgow Chamber of Commerce |
| **21:00 PM** | Transfer to Bremen, Motel One Bremen |