



AUSTRALIA – GERMANY  
Energy Partnership



Federal Ministry  
for Economic Affairs  
and Climate Action

# Hydrogen Highlights for the Australian-German Cooperation



*Expert Delegation Trip to Germany and Bilateral Knowledge  
Exchange for stakeholders from Australia*

*May 2-5, 2023*

Organised by:



In cooperation with:



Australian Government  
Australian Trade and Investment Commission

# Expert Delegation Trip to Germany and Bilateral Knowledge Exchange for stakeholders from Australia

May 2-5, 2023



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## WELCOME

### DEAR DELEGATES,

Welcome to the expert delegation trip on **Hydrogen Highlights for the Australian-German Cooperation!**

With Australia and Germany both pursuing the goal of climate neutrality, green hydrogen is one of the puzzle pieces to make the energy transition work. For Australia, the production of hydrogen from renewables is a massive opportunity playing to many of Australia's strengths. Germany, on the other hand, offers technology and services along the whole value chain but will also need to import hydrogen and hydrogen products. This is why Australia and Germany are cooperating on hydrogen within the Australia-Germany Energy Partnership.

The aim of this delegation trip is to bring together a small group of selected experts from Australian governments and the hydrogen industry to deepen the dialogue and cooperation around the hydrogen market ramp-up. The program includes site visits and discussions as well as evening receptions with leading German companies, government representatives and associations in Augsburg, Munich, Berlin, Stade, Hamburg and Duisburg.

The four-day program contains:

- ▶ **Presentations** by German stakeholders on regulatory, technical, & economic issues related to the hydrogen ramp-up
- ▶ **Meetings** with leading German companies and **site visits**
- ▶ **Evening receptions and networking opportunities** with stakeholders from policymaking, industry and associations seeking to advance the market ramp-up of hydrogen

We are very pleased to organize and facilitate this bilateral knowledge exchange on behalf of the German Federal Ministry for Economic Affairs and Climate Action (BMWK) as part of the Australia-Germany Energy Partnership and are very much looking forward to a fruitful week of exciting discussions with you.

To ensure that you get the most from taking part, we have prepared this small information booklet containing important information that you will find useful before, during and after the delegation trip.

We wish you an enriching experience during your stay here in Germany!

Yours faithfully,

Berthold Breid  
CEO RENAC

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## YOUR CONTACT PERSONS

For questions during, before or after the delegation trip, please contact us:



**Ms. Cecilia Strandberg**  
*Project Director RENAC*

Renewables Academy (RENAC) AG

Schönhauser Allee 10-11  
10119 Berlin  
Germany

E-Mail: [energycooperation@renac.de](mailto:energycooperation@renac.de)  
Phone: 0049 30 58 70870 42  
Mobile: 0049 176 344 96 703 (contact number during delegation trip)



**Ms. Yuly Ruiz Vanegas**  
*Project Manager RENAC*

Renewables Academy (RENAC) AG

Schönhauser Allee 10-11  
10119 Berlin  
Germany

E-Mail: [energycooperation@renac.de](mailto:energycooperation@renac.de)  
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# DELEGATION TRIP PROGRAM

The four-day expert delegation trip will take place in Germany from May 2-5, 2023 in the week before the World Hydrogen Summit 2023 in Rotterdam ([www.world-hydrogen-summit.com](http://www.world-hydrogen-summit.com)).

The trip will start in Munich on May 2, 2023, and end in Dortmund on May 5, 2023. We recommend travelling to Munich on May 1, 2023, and departing from Dortmund on May 6, 2023, in order to be able to join the whole program.

On the following pages you will find the detailed program for the four days. Please pay attention to the **intensive nature of the four-day program**.

- ▶ We will have (some very) early mornings to catch trains and late evenings due to evening receptions.
- ▶ We will use different means of transport (train, bus, taxi) and some distances will need to be covered on foot (up to around 1 km at a time).

To make your journey as comfortable as possible, we recommend that you travel light.

*Please note: The program organizer may change the content and schedule of the agenda on short notice due to unforeseeable circumstances regarding availability of the proposed organizations, their representatives and site visits.*

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**Monday, May 1, 2023**  
**Kick-off delegation trip**

**“Welcome to Country” Dinner**  
*(optional)*

Informal dinner to welcome our Australian guests in Germany  
*hosted by the Australian Trade and Investment Commission (Austrade)*

**When:**  
**Monday, May 1, at 06:30 pm**

**Where:**  
**Restaurant “Münchner Stubn”**  
Bayerstraße 35-37  
80335 München  
Phone: +49 89 / 5511 13 330

*Hotel AWA – Restaurant*  
*250 m, 5 min (by foot)*

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## Tuesday, May 2, 2023

Site visits and meeting with industry (Augsburg, Munich)

Time <i>German time CEST/ UTC +2</i>	Top	Speaker / Venue
06:45 am	Meeting point at hotel reception & transfer by bus to Augsburg	Meeting point for bus transfer to meeting venue in Augsburg: <b>AWA Hotel Munich (hotel reception)</b> Schillerstraße 10 80336 Munich
07:00 am	Transfer from Munich to Augsburg by bus *	Munich (hotel) – Augsburg (MAN) 70 km, ~1 h (by bus)
08:15 am	Registration and welcome	Meeting venue: <b>MAN Energy Solutions SE</b> Stadtbachstraße 1 86153 Augsburg <a href="http://www.man-es.com">www.man-es.com</a>  <b>H-TEC Systems GmbH</b> Alois-Senefelder-Allee 1 86153 Augsburg <a href="http://www.h-tec.com">www.h-tec.com</a>
08:30 am	<p><b>MAN Energy Solutions SE and H-TEC Systems GmbH - Site Visit and discussion:</b></p> <ul style="list-style-type: none"> <li>Welcome by CEO Uwe Lauber from MAN Energy Solutions SE</li> <li>Introduction round of participants</li> <li>Presentation of MAN Energy Solutions SE – general overview</li> <li>Overview MAN product portfolio: Power to X (SPB), CCS</li> <li>Introduction to H-TEC Systems GmbH and hydrogen</li> <li>Q&amp;A and discussion round</li> <li>Guided plant tour</li> </ul>	<p>Meeting and discussion with:</p> <p><b>Dr. Uwe Lauber</b> <i>CEO, MAN Energy Solutions SE</i></p> <p><b>Mr. Michael Plöckl</b> <i>Head of Product Line Components, MAN Energy Solutions SE</i></p> <p><b>Mr. Ulrich Vögtle</b> <i>Vice President Business Development New Solutions, MAN Energy Solutions SE</i></p> <p><b>Mr. Florian Hajdu</b> <i>Head of Hydrogen Business Development, MAN Energy Solutions SE</i></p> <p><b>Mr. Peter Klotzsche</b> <i>Head of Sales CCS Systems, MAN Energy Solutions SE</i></p> <p><b>Mr. Lothar Wallscheid</b> <i>Head of Program New Solutions, MAN Energy Solutions SE</i></p> <p><b>Mr. Stephan Ladd</b> <i>Senior Business Development Manager Renewable Hydrogen, Electrolysis, H-TEC Systems</i></p>
12:00 pm	Networking lunch at MAN premises *	

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12:45 pm	Transfer from Augsburg to Munich by bus *	Augsburg (MAN) – Munich (BMW) 70 km, ~1 h (by bus)
01:45 pm	Registration and welcome	Meeting venue: <b>BMW Group</b> BMW Group Research & Technology House Parking 19 5748 Garching near Munich <a href="http://www.bmwgroup.com/en">www.bmwgroup.com/en</a>
02:00 pm	<p><b>BMW Group – Site Visit and discussion:</b></p> <ul style="list-style-type: none"> <li>Welcome by BMW representatives and introduction round of participants</li> <li>Presentation of hydrogen technology at the BMW Group</li> <li>Guided tour through exhibition on hydrogen technology at the BMW Group</li> <li>Presentation &amp; guided tour through the fuel cell production in Plant 0 Fuel cell</li> <li>Q&amp;A and discussion</li> </ul>	<p>Meeting and discussion with:</p> <p><b>Ms. Claudia Stephan</b> <i>Head of Plant 0, Fuel Cell, BMW Group</i></p> <p><b>Dr. Johannes Schmid</b> <i>Expert Governmental Affairs Emissions and E-Mobility, BMW Group</i></p> <p><b>Dr. Jürgen Guldner</b> <i>General Programm Manager Hydrogen, BMW Group</i></p> <p><b>Mr. Thomas Hofmann</b> <i>FCEV Project Manager, BMW Group</i></p>
04:00 pm	Transfer to hotel by bus *	BMW – Hotel 20 km, ~30 min (by bus)
04:30 pm	Leisure time	
05:00 pm	Transfer to evening event by taxi *	Hotel - StMWi 3 km, ~10 min (by taxi)
05:30 pm	Registration and welcome reception with pretzels	Venue: <b>Bavarian Ministry of Economic Affairs and Media, Energy and Technology</b> Prinzregentenstraße 28 80538 München <a href="http://www.stmwi.bayern.de">www.stmwi.bayern.de</a>
06:00 pm	<p><b>Australian-Bavarian hydrogen round table &amp; networking with industry representatives</b></p> <ul style="list-style-type: none"> <li>Welcome by Bavarian Minister of Economic Affairs, Regional Development &amp; Energy &amp; Deputy Bavarian Prime Minister Aiwanger</li> <li>Key notes by Australian &amp; German representatives</li> <li>Q&amp;A and discussion round</li> <li>Networking buffet dinner</li> </ul>	<p>Australian-Bavarian hydrogen round table &amp; networking with industry representatives</p> <p>Hosted by: Bavarian Ministry of Economic Affairs, Regional Development and Energy <a href="http://www.stmwi.bayern.de">www.stmwi.bayern.de</a></p> <p>Organized by: H2.B (Hydrogen Center Bavaria) <a href="https://h2.bayern/en/center-hydrogen-bavaria/">https://h2.bayern/en/center-hydrogen-bavaria/</a></p>

**End of day 1**

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## Wednesday, May 3, 2023

Meeting with government representatives (Berlin)

Time <small>German time CEST/ UTC +2</small>	Top	Speaker / Venue
07:15 am	Check-out hotel in Munich & walk to Munich central station	<p>Meeting point for walk to Munich central station:</p> <p><b>AWA Hotel Munich (hotel reception)</b> Schillerstraße 10 80336 Munich</p> <p>Hotel - Munich central station 250 m, ~5 min (by foot)</p>
07:55 am	Train transfer from Munich to Berlin *	Munich (hotel) – Berlin (hotel) ~4h (by train)
12:00 pm	Check-in hotel in Berlin	<p><b>Hotel Motel One Berlin-Hauptbahnhof (hotel reception)</b> Invalidenstraße 54 10557 Berlin</p>
12:30 pm	Walk to restaurant	Hotel – Restaurant 1,5 km, ~20 min (by foot)
01:00 pm	Lunch at restaurant <b>Reinhard Bär</b> *	<p><b>Restaurant “Reinhard Bär”</b> Am Hamburger bhf 4, 10557 Berlin</p>
02:00 pm	Walk to BMWK	Restaurant - BMWK 700 m, ~10 min (by foot)
02:15 pm	Registration and welcome	<p>Meeting venue:</p> <p><b>German Federal Ministry for Economic Affairs and Climate Action (BMWK)</b> Scharnhorststraße 34-3 10115 Berlin G 3.021 (Saal 4) <a href="http://www.bmwk.de">www.bmwk.de</a></p>

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	<b>Welcome and introduction round</b>	<b>Ms. Cecilia Strandberg</b> <i>Project Director Energy and Climate Policy</i> Renewables Academy (RENAC) AG
02:30 pm	<ul style="list-style-type: none"><li>• Welcome &amp; opening remarks</li><li>• Introduction round of participants</li></ul>	<b>Ms. Marie Münch</b> <i>Analyst</i> adelphi
	<b>All participants</b>	
	<b>Welcome and introduction</b> by the Federal Ministry for Economic Affairs and Climate Action (BMWK)	<b>Dr. Falk Bömeke</b> <i>Head of Division VB1 "General issues of bilateral climate and energy cooperation; Cooperation in North America, East Asia, Oceania and Turkey"</i>
02:45 pm	<ul style="list-style-type: none"><li>• Germany-Australia Energy Partnership and hydrogen cooperation</li><li>• Introduction to the German Energiewende (drivers, milestones, what has worked, what did not)</li><li>• Role of (green) hydrogen for the German energy transition</li><li>• Q&amp;A</li></ul>	Federal Ministry for Economic Affairs and Climate Action (BMWK)
	<b>Hydrogen in Australia</b>	<b>Ms. Catherine Zerger</b> <i>Branch Head - Hydrogen, Adaptation and New Industries</i> Department of Climate Change, Energy, the Environment and Water (DCCEEW)
03:15 pm	<ul style="list-style-type: none"><li>• Australian hydrogen strategy</li><li>• Activities and relevant stakeholders</li><li>• German-Australian cooperation opportunities</li><li>• Q&amp;A</li></ul>	
	<b>German Hydrogen Strategy</b>	<b>Dr. Christine Falken-Großer</b> <i>Head of Division IIA7 „Hydrogen, Strategy and Coordination“</i>
03:30 pm	<ul style="list-style-type: none"><li>• Hydrogen strategy, hydrogen import strategy and current developments on legislation, impact IRA, promotion of hydrogen projects and industry nationally/EU and certification</li><li>• Q&amp;A</li></ul>	Federal Ministry for Economic Affairs and Climate Action (BMWK)
	<b>Hydrogen infrastructure</b>	<b>Ms. Nadja Friedl</b> <i>Policy Officer Division WEB 3 "Gas and hydrogen infrastructure"</i>
03:55	<ul style="list-style-type: none"><li>• Expansion and promotion of hydrogen (import) infrastructure</li><li>• Q&amp;A</li></ul>	Federal Ministry for Economic Affairs and Climate Action (BMWK)
	<b>International support instruments for hydrogen</b>	<b>Ms. Susanne von Horn</b> <i>Senior Policy Officer Division VB2 "Funding instruments and hydrogen initiatives"</i>
04:20 pm	<ul style="list-style-type: none"><li>• International support instruments for hydrogen: H2Global</li><li>• Q&amp;A</li></ul>	Federal Ministry for Economic Affairs and Climate Action (BMWK)
04:40 pm	<b>Q&amp;A and open discussion on bilateral cooperation opportunities</b>	<b>All participants</b>

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05:30 pm	Walk to hotel	BMWK - Hotel 1,5 km, ~20 min (by foot)
06:00 pm	Leisure time	
06:15 pm	Transfer to venue by taxi or public transport *	Hotel – AUS Embassy
06:30 pm	Registration and welcome	Venue: <b>Australian Embassy Germany</b> Wallstraße 76-79 10179 Berlin <a href="https://germany.embassy.gov.au/">https://germany.embassy.gov.au/</a>
07:00 pm	<b>Evening reception at the Australian Embassy in Berlin by invitation of the Australian Ambassador Philip Green</b>	Hosted by: Australian Embassy <a href="https://germany.embassy.gov.au/">https://germany.embassy.gov.au/</a>

**End of day 2**

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## Thursday, May 4, 2023

Site visits & meetings with industry (Stade, Hamburg)

Time <i>German time CEST/ UTC +2</i>	Top	Speaker / Venue
05:45 am	Check-out hotel in Berlin & walk to Berlin central station	Meeting point for transfer to Stade: <b>Hotel Motel One Berlin-Hauptbahnhof (hotel reception)</b> Invalidenstraße 54 10557 Berlin  Hotel – Berlin central station 500 m, ~5 min (by foot)
06:38 am	Train transfer from Berlin to Hamburg; pick up in Hamburg by bus & transfer to Stade *	Berlin (hotel) – Stade (DOW) ~4 h (by train & bus)
09:45 am	Registration and welcome	Meeting venue: <b>Dow Deutschland Anlagengesellschaft mbH</b> Buetzflether Sand 21683 Stade <a href="http://www.dow.com">www.dow.com</a>
10:00 am	<p><b>Dow - Site Visit and discussion:</b></p> <ul style="list-style-type: none"> <li>• Welcome by Dow representatives &amp; introduction round of participants</li> <li>• Introduction to Dow and presentation on: <ul style="list-style-type: none"> <li>◦ Site facts and current projects</li> <li>◦ Future opportunities and why Stade and Dow are the place for future renewable energy imports</li> </ul> </li> <li>• Group discussion and Q&amp;A</li> <li>• Guided site tour</li> </ul>	<p>Meeting and discussion with:</p> <p><b>Ms. Julia S. Schlenz</b> <i>President Dow Germany, Austria, Switzerland and Italy and Chairwoman of the Executive Board of Dow Germany</i></p> <p><b>Ms. Larissa Skwirblies</b> <i>Regional Growth Leader Germany and Central Europe, Dow</i></p> <p><b>Dr. Neldes J. Hovestad</b> <i>Stade Site Director/ Managing Director &amp; BMTL Dow Construction Chemicals. Dow</i></p> <p><b>Mr. Dipl. Ing Rik Lehmann</b> <i>Industry Park Director, Dow</i></p> <p><b>Mr. Joerg Schmitz</b> <i>Senior Project Director, Dow</i></p> <p><b>Mr. Dipl. Ing Axel Altmann</b> <i>Site TES Director, Dow</i></p> <p><b>Mr. Stephan Engel</b> <i>Senior Responsible Care Director and Managing Director of Dow Stade Produktions GmbH&amp;Co.OHG, Dow</i></p> <p><b>Mr. Christian Dury</b> <i>Production Leader Mining, Storage and Pipelines, Dow</i></p>

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12:00 pm	Networking lunch at DOW premises *	
12:30 pm	Transfer from Stade to Hamburg by bus *	Stade (DOW) – Hamburg (Aurubis) 70 km, ~1 h (by bus)
02:00 pm	Registration and welcome	Meeting venue: <b>Aurubis</b> Hovestrassse 50 20539 Hamburg <a href="http://www.aurubis.com">www.aurubis.com</a>
02:15 pm	<b>Aurubis - Site Visit and discussion:</b> <ul style="list-style-type: none"><li>• Welcome by Aurubis representative &amp; introduction round of participants</li><li>• Introduction to Aurubis &amp; use of hydrogen</li><li>• Q&amp;A and discussion</li><li>• Guided plant tour</li></ul>	Meeting and discussion with: <b>Mr. Ulf Gehrckens</b> <i>Senior Vice President Corporate Energy &amp; Climate Affairs, Aurubis</i> <b>Ms. Annemarie Bruns</b> <i>Manager Corporate Energy &amp; Climate Affairs, Aurubis</i>
04:30 pm	Transfer to hotel in Hamburg by bus *	Aurubis - Hotel 7 km, ~20 min (by bus)
05:00 pm	Check-in hotel in Hamburg	<b>Hotel Fürst Bismarck</b> Kirchenallee 49 20099 Hamburg
05:45 pm	Transfer/ walk to venue *	Hotel – Handelskammer Hamburg 1,5 km, ~20 min (taxi or by foot)
06:15 pm	Registration and welcome with appetizers	Venue: <b>Handelskammer Hamburg</b> Adolphsplatz 1 20457 Hamburg Alster-Zimmer <a href="http://www.ihk.de/hamburg/">www.ihk.de/hamburg/</a>
06:30 pm	<b>Round table and networking reception at the HK Hamburg with industry representatives from the Northern part of Germany</b>	Round table and networking reception with industry representatives from the Hamburg and Stade region  Hosted and organized by: Handelskammer Hamburg <a href="http://www.ihk.de/hamburg/">www.ihk.de/hamburg/</a>

## End of day 3

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## Friday, May 5, 2023

Site visits and meetings with industry (Ruhr area)

Time <i>German time CEST/ UTC +2</i>	Top	Speaker / Venue
07:15 am	Check-out hotel Hamburg & walk to Hamburg Central Station	Meeting point for train transfer to Duisburg: <b>Hotel Fürst Bismarck</b> Kirchenallee 49 20099 Hamburg
07:54 am	Train transfer from Hamburg to Duisburg; pick up in Duisburg by bus & transfer to meeting venue *	Berlin (hotel) – Duisburg (thyssenkrupp) ~4 h (by train & bus)
11:45 am	Registration and welcome networking lunch	Meeting venue: <b>thyssenkrupp Steel Europe AG</b> Kaiser-Wilhelm-Straße 100 47166 Duisburg <a href="http://www.thyssenkrupp-steel.com">www.thyssenkrupp-steel.com</a>
12:00 pm	Networking lunch at thyssenkrupp premises *	
01:00 pm	<p><b>Thyssenkrupp - Site Visit and discussion:</b></p> <ul style="list-style-type: none"> <li>Welcome &amp; introduction round of participants</li> <li>Guided thyssenkrupp steel plant tour including the carbon2chem site with thyssenkrupp nucera's 2 MW test and research electrolyser</li> <li>Presentation - Deep-dive thyssenkrupp: electrolysers from thyssenkrupp nucera, green steel from thyssenkrupp steel, chemical plants from thyssenkrupp Uhde, integration at Carbon2chem</li> <li>Q&amp;A and open discussion</li> </ul>	<p>Meeting and discussion with:</p> <p><b>Dr. Markus Oles</b> <i>Head of Carbon2Chem, Thyssenkrupp Steel Europe</i></p> <p><b>Mr. Jai Prakash Soni</b> <i>CTO, thyssenkrupp nucera Australia</i></p> <p><b>Mr. Dougal McArthur</b> <i>Business Development Manager Green Hydrogen, thyssenkrupp nucera</i></p> <p><b>Mr. Leif Kröger</b> <i>External Affairs Manager Green Hydrogen, thyssenkrupp nucera</i></p> <p><b>Mr. Chad Koch</b> <i>Business Development Manager, thyssenkrupp nucera Australia</i></p> <p><b>Mr. Markus Oles</b> <i>Head of Carbon Capture and Utilization program Carbon2Chem, thyssenkrupp steel Europe</i></p> <p><b>Ms. Nina Kolbe</b> <i>Project lead Carbon2Chem L-I, thyssenkrupp steel Europe</i></p>

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05:30 pm	Transfer to hotel in Dortmund by bus *	Duisburg - Dortmund 75 km, ~1 h 15 min (by bus)
06:30 pm	Check-in hotel in Dortmund	<b>Mercure Hotel Dortmund City</b> Kampstr. 35-37 44137 Dortmund
07:30 pm	Walk to restaurant	Hotel - restaurant 600 m, ~10 min (by foot)
08:00 pm	Joint Dinner at restaurant <b>HÖVELS Hausbrauerei</b> (optional)	<b>Restaurant "HÖVELS Hausbrauerei"</b> Hoher Wall 5-7 44137 Dortmund

## Conclusion expert delegation trip

Lessons learned from the delegation trip, feedback round, closing of expert delegation trip

## End of day 4 and expert delegation trip

### Foot note:

\* Arranged and costs covered by program organizer

(\$) Costs to be borne by participant

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# AUSTRALIAN DELEGATION

#	Title	First Name	Last name	Position	Institution
1	Ms.	Perna	Bhargava	Assistant Manager – Guarantee of Origin and Trade, Hydrogen Branch	DCCEEW
2	Mr.	Richard	Day	Director Strategy, Policy and Communications, Growth and Low Carbon Division	Department for Energy and Mining, Government of South Australia
3	Mr.	Joe	Doleschal Ridnell	Manager, External Engagement Hydrogen & CCUS Asia Pacific	bp Australia
4	Mr.	Duncan	Fitzpatrick	Senior Policy Officer - International Clean Technology Partnerships & Supply Chains, Net Zero Innovation & Partnerships Branch	DCCEEW
5	Ms.	Andrea	Galt	GM New Energy Business Development APAC and EMEA	Woodside Energy
6	Mr.	Damien	Krauklis	Hydrogen Project Delivery Lead	Edify Energy
7	Mr.	Rupert	Maloney	Executive Director, Head of Hydrogen	Clean Energy Finance Corporation
8	Ms.	Nicola	McFarlane	Director, Hydrogen and New Energies Division	Department of Jobs, Tourism, Science and Innovation; Western Australian Government
9	Ms.	Alex	McIntosh	Investment Director	ARENA
10	Mr.	Warner	Priest	Director – Midstream Energy	InterContinental Energy
11	Mr.	Chris	Shaw	Deputy Director General - Hydrogen	Queensland Department of Energy and Public Works
12	Mr.	Bart	Simens	GM – New Energy Developments	Lochard Energy
13	Ms.	Fiona	Simon	CEO	Australian Hydrogen Council
14	Mr.	Tim	Stock	Director, Hydrogen & Clean Energy	NSW Government, Treasury, Office of Energy & Climate Change (OECC)
15	Mr.	Michael	van Baarle	Co-founder & CEO	ABEL Energy Pty Ltd
16	Mr.	Ryan	Willemsen-Bell	General Manager, Future Fuels & Carbon	Origin Energy
17	Ms.	Catherine	Zerger	Branch Head - Hydrogen	DCCEEW

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## GERMAN SPEAKER PROFILES

### By order in the program:

**Dr. Uwe Lauber**  
*CEO MAN Energy Solutions*  
MAN Energy Solutions SE

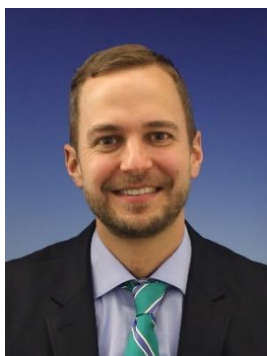


Dr. Uwe Lauber has been Chief Executive Officer of MAN Energy Solutions SE (then MAN Diesel & Turbo SE) since January 1, 2015. In January 2023, he additionally took over the responsibility for the company's global sales and after-sales operations as Chief Sales Officer.

Dr. Uwe Lauber studied Mechanical and Business Engineering in Konstanz and St. Gallen and was awarded a PhD in Mechanical Engineering in 2009 at the University of Kronstadt. Before joining MAN Diesel & Turbo in 2010, Dr. Uwe Lauber held several management positions at BOC Cryostar and Sulzer Turbo.

Dr. Uwe Lauber chairs the VDMA Engines and Systems Association (since 2018) as well as the VDMA working group "Power-to-X for Application" (since 2018), and is member of the National Hydrogen Council of the German government (since 2020).

**Mr. Michael Plöckl**  
*Vice President Product Line Components*  
MAN Energy Solutions SE



After studying industrial engineering, Michael Plöckl started at MAN ES as a product manager for the engine-based business. This was followed by a position as assistant to the CTO. During this time, Michael Plöckl was entrusted with far-reaching tasks in the technical area for the entire Group. After that, Michael Plöckl was Head of Product Management for 7 years and further developed this area (expansion of the product range). This was followed by responsibility as Head of Engineering Services with the core areas of Technical IT, Product Cost Management and Technical Documentation for all MAN sites and product areas.

Since the beginning of 2022, Michael Plöckl is Head of Product Line Components covering the business areas Reactors & Apparatus, Turbocharger, Cryogenic Solutions and AKA (hybrid solutions).

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## Mr. Ulrich Vögtle

*Vice President Business Development, New Solutions*  
MAN Energy Solutions SE



Ulrich Vögtle has been Vice President Global Sales Support in the Power segment since March 1, 2017.

In January 2023, he also assumed responsibility for global business development in the Power segment of the front-end organization. His responsibility for Sales Support, Market Intelligence and New Solutions Management will continue. The focus in business development is on international project development and new technologies for a more decentralized and decarbonized energy world.

Ulrich Vögtle studied mechanical engineering and graduated as Dipl. Ing (MSc). After successfully completing his studies in 1990, Ulrich Vögtle began his professional career at MAN Energy Solutions SE. He has more than thirty years of professional experience at MAN Energy Solutions SE. During this time, Ulrich Vögtle held various management positions in Germany and abroad in the areas of sales, commercial and technical tenders and licenses, as well as Managing Director at MAN Korea.

## Mr. Florian Hajdu

*Senior Business Development Manager*  
MAN Energy Solutions SE



With a background in Mergers & Acquisitions at a German Investment Bank, Florian joined the MAN ES Group Strategy department in 2016. Within Group Strategy, he was part of the team that worked on the strategic reorientation of MAN ES towards becoming a solution provider. In this role, Florian was also responsible for the investment in the electrolysis manufacturer H-TEC Systems.

In 2020 he took over the position as Head of Hydrogen Business Development in the MAN ES Power Segment, being in charge of the cooperation between MAN ES and H-TEC as well as the industrialization of H-TEC's operations.

Today he is responsible for the further development of the MAN ES EPC solution for electrolysis as well as industrial and governmental partnerships driving forward MAN ES's activities in hydrogen.

Florian has a degree in business administration (MSc) and graduated as a Certified Valuation Analyst (CVA).

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## Mr. Peter Klotzsche

Head of Sales CCS Systems, MAN Energy Solutions SE  
MAN Energy Solutions SE



As a mechanical engineer, Peter Klotzsche started his career at MAN Energy Solutions SE about 25 years ago. Thereof he spent 10 years in project management, the other 15 years in the Oil & Gas sales business.

Since two years Peter Klotzsche is heading the sales department for CCS/CCU applications.

Though working about 25 years in CO2 compression and capture technologies, this subject never gets tedious, always challenging and very important to contribute to decarbonization.

## MAN Energy Solutions SE

MAN Energy Solutions enables its customers to achieve sustainable value creation in the transition towards a carbon neutral future. Addressing tomorrow's challenges within the marine, energy and industrial sectors, MAN improves efficiency and performance at a systemic level. Leading the way in advanced engineering for more than 250 years, MAN provides a unique portfolio of technologies.

Headquartered in Germany, MAN Energy Solutions employs some 14,000 people at over 120 sites globally. The after-sales brand, MAN PrimeServ, offers a vast network of service centres to its customers all over the world.

[www.man-es.com](http://www.man-es.com)



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## Mr. Stephan Ladd

Senior Business Development Manager Renewable Hydrogen  
H-TEC SYSTEMS GmbH



Stephan Ladd is Senior Business Development Manager for Renewable Hydrogen – Electrolysis at H-TEC Systems since November 2022.

Before, from 2021 to 2022, he worked as Business Development Manager for Renewable Hydrogen – Electrolysis at Cummins. From 2020 to 2021 Stephan Ladd worked as Hydrogen Safety Engineer, Fuel Cell Applications at AVL. From 2015 to 2020 he had the role as Application Engineer & Tech. Account Manager Automotive Ignition Products at Tenneco

Stephan Ladd holds a M.Sc. in Aerospace Engineering.

## H-TEC Systems GmbH

H-TEC SYSTEMS is a hydrogen expert, innovation driver and partner in the energy transition. For the future and for the customers H-TEC develops innovative PEM electrolyzers and electrolysis stacks for green hydrogen production. As a technological pioneer, H-TEC has been playing a decisive role in shaping hydrogen technology for over 25 years. At two locations in Germany and across all sectors.

H-TEC believes that mobility, production, and consumption are possible without emissions. With consideration for future generations and respect for nature. Not someday, with their technology already today. How every country, every industry and every company can achieve this goal? With their know-how, their service and products. To achieve this, H-TEC SYSTEMS builds on cooperation with visionary customers and partners, and the power of its parent company MAN Energy Solutions. Together, they are making hydrogen production green and the CO<sub>2</sub>-neutral transformation of all sectors a reality.

That's why the goal of H-TEC is to convert renewable energies into green hydrogen by using leading PEM electrolysis technology. And thus fuel a new, emission-free energy era. This is what H-TEC stands for. And to avoid 1% of the global CO<sub>2</sub> emissions by their electrolyzers.

<https://www.h-tec.com/>



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## Ms. Claudia Stephan

Head of Plant 0, Fuel Cell  
BMW Group



Claudia Stephan is heading the Plant 0, Fuel Cell since 2022.

She started out as an integrated painting process project manager at BMW Group. From 2006 to 2009, she managed the entire process in the paint shop in Oxford. After that, Claudia Stephan worked as project manager for rework potential in the external value stream process chain for one year. Claudia Stephan then became Head of Decorative Surfaces and Corrosion Protection.

Claudia Stephan completed her engineering degree in technical chemistry in 1996 and has worked for the BMW Group since 2002.

## Dr. Johannes Schmid

Expert Governmental Affairs Emissions and E-Mobility  
BMW Group



Since 2020 Dr. Johannes Schmid is leading the governmental affairs team for emissions and e-mobility. Part of his responsibilities are regulations on all drivetrain options like battery and fuel cell electric vehicles as well as combustion engines and plug-in-hybrids within the BMW Group.

Dr. Johannes Schmid started his career as development engineer for exhaust aftertreatment systems in the automotive sector working for several OEMs and suppliers. Joining the BMW Group in 2012 as project lead for the hydrogen fuel cell stack he developed the parts currently running in the iX5 Hydrogen. In 2017 he moved to the purchase department responsible for the transition from classical drive train component manufacturing to e-mobility. Joining the governmental affairs team as drive train expert in 2018 he was promoted in 2020 to the team leader for emissions and e-mobility.

He completed his PhD in analytical chemistry on diesel exhaust aftertreatment systems at Technische Universität München. He holds several international patents for the BMW Group.

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## Dr. Jürgen Guldner

General Programm Manager Hydrogen  
BMW Group



After a PostDoc with the PATH Program at the University of California at Berkeley, CA, Dr. Jürgen Guldner joined the BMW Technik GmbH, to lead research projects on automotive by-wire systems. He transferred to BMW Group's R&D Center in 2001 to head the Advanced Engineering Group for Chassis Control Systems.

From 2006 to 2010, Jürgen Guldner acted as Chief Engineer during the development of BMW's first hybrid vehicle, the ActiveHybrid X6.

Following two VP positions in Chassis R&D, he took over BMW's hydrogen research program in 2018, which comprises the BMW iX5 Hydrogen as well as other hydrogen technology and fuel cell electric vehicle projects. Jürgen Guldner is also active in various international organizations and associations.

Jürgen Guldner received a MS in Electrical Engineering from Clemson University, SC, in 1992, and a Ph.D. in Controls and Robotics from the Technical University of Munich in 1995.

## Mr. Thomas Hofmann

FCEV Project Manager  
BMW Group



Thomas Hofmann developed vehicle electronic control units and driver assistance systems for several years before moving to project management for hydrogen fuel cells vehicle and drive development. Thomas Hofmann works in national and international funding projects and is also responsible for acquiring new research funding projects.

How is the hydrogen energy industry developing and what impact does this have on future mobility with which opportunities for BMW are questions and topics addressed by Thomas Hofmann.

BMW wants to continue to impress customers with innovative, attractive product solutions. To this end, Thomas Hofmann supports internal and external communication about hydrogen fuel cell drive technology.

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### BMW Group

With its four brands BMW, MINI, Rolls-Royce and BMW Motorrad, the BMW Group is the world's leading premium manufacturer of automobiles and motorcycles and also provides premium financial and mobility services. The BMW Group production network comprises over 30 production sites worldwide; the company has a global sales network in more than 140 countries.

In 2022, the BMW Group sold nearly 2.4 million passenger vehicles and more than 202,000 motorcycles worldwide.

The success of the BMW Group has always been based on long-term thinking and responsible action. The company set the course for the future at an early stage and consistently makes sustainability and efficient resource management central to its strategic direction, from the supply chain through production to the end of the use phase of all products.

[www.bmwgroup.com](http://www.bmwgroup.com)

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## Dr. Falk Bömeke

*Head of Division VB1 "General issues of bilateral climate and energy cooperation; Cooperation in North America, East Asia, Oceania and Turkey"*

German Federal Ministry for Economic Affairs and Climate Action (BMWK)



Dr. Falk Bömeke is currently heading the division "General issues of bilateral climate and energy cooperation; Cooperation in North America, East Asia, Oceania and Turkey" at the Federal Ministry for Economic Affairs and Climate Action.

Previously he worked as Head of the Economic and Energy Division at the German Embassy in Pretoria, as Economic Counselor at the German Embassy in Washington and in the European Department of the Federal Foreign Office in Berlin as well as in the Parliamentary and Cabinet Division, the Automobile and Electric Vehicle Division and the European Law Division at the Federal Ministry for Economic Affairs.

Dr. Falk Bömeke has studied law at the Universität zu Köln (University of Cologne), the Université de Paris 1 Panthéon Sorbonne (University of Paris) and the University of Sydney. He holds a law degree and PhD of the University of Cologne and an LL.M. (Master of Law) of the University of Sydney.

## Ms. Frau Falken-Großer

*Head of Division IIA7 „Hydrogen, Strategy and Coordination“*

German Federal Ministry for Economic Affairs and Climate Action (BMWK)



Dr. Christine Falken-Grosser is heading the Hydrogen division within the Federal Ministry for Economic Affairs and Climate Action of Germany and with this oversees the development and implementation of the National Hydrogen Strategy. She coordinates the links, sequence and synergies between the German initiatives on hydrogen market development, European and international cooperation, infrastructure development and hydrogen use in all sectors, as well as regulatory issues and certification.

Previously she headed the bilateral energy cooperation and developed bilateral and international hydrogen initiatives in Germany. Before that she headed the German Delegation to the Paris Club and worked in the field of foreign investment finance policies and with multilateral development banks. For four years Christine served as the Economic Counsellor in the Embassy of Germany in Bangkok, Thailand, where she supported German Companies abroad and coordinated German bilateral industry, energy, climate and scientific cooperation. Before she went abroad, Christine took part in several bilateral trade negotiations for services and investment issues. A former responsibility included also the negotiation of the 3rd trading period of the Emissions Trading Scheme in Brussels. Christine holds degrees in Economics & Business Studies and a doctorate in Public Finance.

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## Ms. Nadja Friedl

Policy Officer Division WEB 3 "Gas and hydro-gen infrastructure"  
German Federal Ministry for Economic Affairs and Climate Action (BMWK)



Nadja Friedl is a Policy Officer in the German Federal Ministry for Economic Affairs and Climate Action, working in the department for economic stabilization and energy security.

She is part of the ministry's hydrogen infrastructure working group and focuses on the buildup of hydrogen infrastructure in Germany.

Before joining the BMWK, she worked for the Boston Consulting Group in Berlin, focusing on energy projects.

Nadja Friedl studied Economics & Politics in Edinburgh, Paris and Stockholm.

## German Federal Ministry for Economic Affairs and Climate Action (BMWK)

Responsibilities within the field of energy and climate policy are being pooled in the BMWK. This is enabling an "energy policy from one source" and offers the advantage of covering the energy market in its entirety.

The BMWK is responsible for all issues relating to the Energiewende. Its goal is a secure, environmentally friendly and affordable energy supply.

Thanks to appropriate framework conditions, the BMWK will ensure that the Energiewende becomes a driver for investment and modernization that contribute to innovation, economic growth and employment.

[www.bmwk.de](http://www.bmwk.de)



Federal Ministry  
for Economic Affairs  
and Climate Action

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## Ms. Julia S. Schlenz

*President Dow Germany, Austria, Switzerland and Italy and Chairwoman of the Executive Board of Dow Germany*  
Dow Deutschland Anlagengesellschaft mbH



Julia S. Schlenz has been appointed as President and CEO for Dow in Germany, Austria and Switzerland (D/A/CH) and Italy in March 2023. She is also Chairwoman of the Executive Board of Dow Germany. In this role, she is responsible for the company's growth strategy in one of the most important regions for Dow with a focus on employee and stakeholder engagement as well as the implementation of Dow's sustainability strategy and goals, especially in the areas of decarbonization and circular economy.

Julia S. Schlenz began her career at Dow in 2003 in sales for the plastics business at the German headquarter. In 2008, she moved to the European headquarters in Horgen, Switzerland, where she has held various leadership positions in sales, marketing and product/asset management for different business units and market segments in Europe and worldwide, including Packaging & Specialty Plastics, Food & Pharma, Home & Personal Care and Polyurethanes. In 2017, she also managed the integration of the DuPont Ethylene Copolymer business for Dow Europe as part of the DowDuPont merger. Since 2022, she has been Senior Sales Director Europe responsible for the \$900 million Functional Polymers sales portfolio for Infrastructure, Consumer and Transportation (ICT) for Dow in Europe.

Julia S. Schlenz holds a Master's degree in Communication Management from the University of Vienna and completed the General Management Program at INSEAD Institute in France.

Further appointments: Julia S. Schlenz represents Dow as Member of the German Chemical Industry Association VCI, as Member of the Trade Policy Committee of the VCI and as Member of the Board of Directors of the American Chamber of Commerce in Germany.

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## Ms. Larissa Skwirblies

*Regional Growth Leader Germany and Central Europe*  
Dow Deutschland Anlagengesellschaft mbH



MBA from IESE Business School (Spain), leading university globally for executive education and a B.Sc. from EBS Business School. Further time abroad in South Africa and USA.

8 years of Strategy Consulting (Monitor Deloitte) and Global Practice Development (Deloitte Corporate) resulting in several thought leadership pieces on the development of the chemical industry in Germany and Europe (incl. a joint study with the VCI).

With Dow for four years with a focus on Business Development, classic and digital.

Representing Dow in the European Clean Hydrogen Alliance, VCI macro-economic working group, and commercial project manager for the e-Methanol project.

## Dr. Neldes J. Hovestad

*Stade Site Director/ Managing Director & BMTL Dow Construction Chemicals*  
Dow Deutschland Anlagengesellschaft mbH



Dr. Neldes J. Hovestad is Managing Director Dow Stade (1,200 employees) for the Dow Deutschland Anlagengesellschaft GmbH. He started his career at Dow in Terneuzen, the Netherlands. During his time at Dow he held various positions, project manager roles and site leader roles mainly in manufacturing, Germany, The Netherlands and Belgium.

Further appointments are: Co-chair board member of Chemcoast e. V. (Northern Germany region), Supervisory Board member Süderelbe AG as well as Member of VCI Nord e. V.

Finalized PhD in the department of Organometallic Chemistry at the University of Utrecht. PhD resulted in 6 articles which have been published in Angewandte Chemie, Organic Chemistry and Organometallics. Part of study has been done at the University of Hobart (Tasmania/ Australia) and at the University of Warwick (UK).

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## Mr. Dipl. Ing Rik Lehmann

*Industry Park Director*

Dow Deutschland Anlagengesellschaft mbH



Rik Lehmann is DOW Stade Industry Park Director since 2019. During his career at Dow he held various operational roles in Environmental Operations and later as a Global Supply Chain Manager for the Chlorinated Organics Business.

From 2008 to 2015 Rik Lehmann was Associate Production Director for Environmental Operations in Stade and subsequently from 2015 to 2018 in Midland, Michigan, USA. In 2018 he became Site Logistics Director in Stade and later in 2019 he took over the role as Stade Industry Park Director.

Rik Lehmann studied Chemical Process Engineering at Technical University Hamburg-Harburg. Graduated in 1995 and started working for Dow as a process and automation engineer, where he worked on some capital projects in Texas and South Korea.

## Mr. Joerg Schmitz

*Senior Project Director*

Dow Deutschland Anlagengesellschaft mbH



Joerg Schmitz is Senior Director for Strategic Projects in Germany, current focus is in the Stade Liquefied Gas projects (FSRU and Land Based Terminal).

Joerg Schmitz is Lab Technician and Chemical Engineer by trade, 23 years with Dow, split into 13 years in Manufacturing and 10 years in Supply Chain, worked in Germany, Switzerland and the Netherlands, ranging from Specialty Chemicals to Hydrocarbons.

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## Mr. Dipl. Ing Axel Altmann

*Site TES Director*

Dow Deutschland Anlagengesellschaft mbH



Axel Altmann is Site TES Director, first in Terneuzen (Netherlands), since beginning of 2022 in Germany.

At Dow Axel Altmann has worked in different roles as Improvement, Reliability and Site Leader. He moved for Dow to Louisiana as Maintenance and Reliability Director and afterwards to Texas for the Integration on a heritage Du Pont Site into Dow.

Before he worked for an Engineering Company planning and building plants for Environmental Operations. Then changed to Bayer Chemicals as Project Manager and Production Leader for chemical plants.

Axel Altmann studied process engineering at Hamburg University.

## Mr. Stephan Engel

*Senior Responsible Care Director and Managing Director of Dow Stade Produktions GmbH&Co.OHG*

Dow Deutschland Anlagengesellschaft mbH



Stephan Engel is Senior Responsible Care Director and Managing Director of Dow Stade Produktions GmbH&Co.OHG.

He started his career at Dow in 1990 after his studies of process engineering in Hamburg. Stephan Engel worked in a broad range of responsibilities, from production director of a large chemical production plant to a lead commercial role for energy in Germany up to permitting / compliance management of large chemical sites including the fulfillment of a managing director role for more than 1,000 employees.

Stephan Engel is board member within the chemical association VCI (VCI North) and the association of entrepreneurs in Lower Saxony (Unternehmerverband Niedersachsen – UVN).

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## Mr. Christian Duryn

*Production Leader Mining, Storage and Pipelines*  
Dow Deutschland Anlagengesellschaft mbH



Christian Duryn is leading Dow's salt mining, cavern storage and pipeline operations in the Stade region since 2019.

He works for Dow since 2016 in Germany, the Netherlands, and the UK. Christian Duryn started originally in centralized engineering in the design of large capital projects and working since 12 years in various roles in plant operations and people leadership roles.

## Dow Deutschland Anlagengesellschaft mbH

Dow (NYSE: DOW) combines global breadth; asset integration and scale; focused innovation and materials science expertise; leading business positions; and environmental, social and governance leadership to achieve profitable growth and help deliver a sustainable future.

The Company's ambition is to become the most innovative, customer centric, inclusive and sustainable materials science company in the world. Dow's portfolio of plastics, industrial intermediates, coatings and silicones businesses delivers a broad range of differentiated, science-based products and solutions for its customers in high-growth market segments, such as packaging, infrastructure, mobility and consumer applications.

Dow operates manufacturing sites in 31 countries and employs approximately 37,800 people. Dow delivered sales of approximately \$57 billion in 2022. References to Dow or the Company mean Dow Inc. and its subsidiaries

[www.dow.com](http://www.dow.com)



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## Mr. Ulf Gehrckens

Senior Vice President Corporate Energy & Climate Affairs  
Aurubis



Ulf Gehrckens is Senior Vice President Corporate Energy & Climate Affairs at Aurubis where he started his career in 1980.

In 2005 he became member of the Executive Board of the pension fund and welfare association of "Norddeutsche Affinerie" (whose name changed to "Aurubis" in 2009). With the acquisition of "Cumerio" in 2008, Ulf Gehrckens was assigned the Europe-wide and now worldwide overall management in the field of "Energy and Climate" as Senior Vice President at Aurubis.

Ulf Gehrckens is an honorary member and chairman of the board of trustees of "Jugendhilfe e. V." (drug and addiction aid). Furthermore, he is member of the plenum of the Hamburg Chamber of Commerce since 2017.

Ulf Gehrckens studied business administration at the Hamburg Business Academy.

## Aurubis AG

For more than 150 years, Aurubis has produced copper and other metals that are crucial for modernization and for the ongoing development of our lives over the next decades. Being smart and connected doesn't work without metals. Whether renewable energies, electric vehicles, digitalization, or urbanization, the demand for metals will continue to rise.

Aurubis uses energy as efficiently as possible and takes responsibility for climate protection. The company determines climate-related opportunities and risks and related measures by linking risk management with its energy and environmental strategy.

Aurubis' roadmap to achieve its climate goals includes technical measures, such as decarbonizing plant facilities by using green hydrogen instead of fossil fuels, electrifying its production, utilizing industrial waste heat from its production process, and expanding the purchase of green electricity. Further approaches include cooperation with participants in its supply chain and increased recycling activities, for example. The company aspires to make its production carbon neutral well before 2050.

As an energy-intensive company, the company assumes responsibility for climate protection. At the end of 2019, Aurubis joined the UN Global Compact Business Ambition for 1.5°C, thus expressing its pledge to work on science-based CO2 reduction targets. Its involvement in the KlimaWirtschaft foundation (formerly Stiftung 2°), for which Aurubis has been a sponsor since 2021, underlines its commitment to climate protection.

[www.aurubis.com](http://www.aurubis.com)



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**Mr. Jai Prakash Soni**  
CTO  
thyssenkrupp nucera Australia



Jai Prakash Soni is Chief Technology Officer (CTO) in thyssenkrupp nucera Australia Pvt. Ltd. He is responsible for technical conceptualization and execution of Green Hydrogen projects in Australia region.

Jai Prakash Soni is a Chemical Engineer by profession. He has overall 30+ years of professional experience in the EPC business.

He started his carrier as Trainee Engineer-Process with thyssenkrupp industrial solutions India (formerly Uhde India) in 1992 and has a wide experience in the thyssenkrupp group technology portfolio, covering fertilizers, petrochemicals, refining, electrolysis, and other technologies. He moved to Australia in beginning of 2023.

During his career, alongside other projects in various sectors, he has worked on various Electrolysis projects in India and abroad in the Caustic Soda and Chlorine Dioxide fields, where he has been associated with various projects from the inception / sales stage. His exposure also covers Basic engineering, Detail engineering and Commissioning of various plants.

**Mr. Dougal McArthur**  
Business Development Manager Green Hydrogen  
thyssenkrupp nucera



After graduating from the University of Queensland with a Bachelor of Economics and a Bachelor of Arts (double major Business German) in 2001 I worked in Finance at Rothschild Australia Asset Management in Sydney for two years.

I then decided to come to Germany for a year to keep improving my German and have been here ever since, working at Siemens as a Senior Market and Competitor Analyst in Oil and Gas Midstream markets for over a decade before making the switch to green hydrogen.

I have been a Business Development Manager for Green Hydrogen at thyssenkrupp nucera for 18 months and am still excited to be involved in such a rapidly evolving industry.

The chance to be a part of building closer co-operation between my home country and my adopted country is the icing on top.

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## Mr. Leif Kröger

External Affairs Manager Green Hydrogen  
thyssenkrupp nucera



Leif Kröger is working as External Affairs Manager Green Hydrogen in the Business Development Team at thyssenkrupp nucera in Dortmund. In this role he also engages with business associations and the governmental affairs team from a business development point of view.

After completing his mechanical engineering with a focus on energy engineering, Leif Kröger joined the Institute of Technical Thermodynamics at RWTH Aachen University for a doctorate in thermodynamics and the prediction of reaction kinetics. Before joining thyssenkrupp nucera, he worked at the German academy of science and engineering (acatech) on the HySupply project, a joint German/Australian feasibility study for hydrogen from renewables. He joined thyssenkrupp nucera in January 2022.

## Mr. Chad Koch

Business Development Manager  
thyssenkrupp nucera



Chad Koch is Manager of Business Development (BDM) for thyssenkrupp nucera Australia Pty. Ltd. He is responsible for seeking business opportunities, commercial conceptualisation, and execution of Green Hydrogen projects in Australia region.

He is commercially astute with over 15 years' experience in business development, strategic sales, and sales leadership and has strong Commercial understanding, working on large value sales negotiations and ensuring these projects are executed safely and cost effectively.

Chad started his carrier in BD working in Hong Kong before moving back to Australia to work in the logistics and shipping industry for Maersk as Sales and BD Manager for Australia. Following Maersk, Chad commenced working for thyssenkrupp Industrial Solutions Australia until his employment with nucera commenced in January 2023.

Chad holds a Bachelor of Commerce – Finance, Accounting and Economics from The University of Notre Dame.

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### thyssenkrupp nucera

thyssenkrupp nucera marks the beginning of a new era defined by clean energy supply with green hydrogen at industrial scale. Our track record: over 50 years' experience in chlor-alkali electrolysis, over 600 projects and +10 GW successfully installed in the chemical industry. With our extensive in-depth knowledge in the engineering, procurement, and construction of electrochemical plants and our large-scale solutions for green value chains, we take a major step towards climate-neutrality and a new industry ecosystem.

With our standard 20 MW alkaline water electrolysis module we have already received several industrial sized orders for green hydrogen projects, and currently have an order backlog of well over 2.5 GW

<https://thyssenkrupp-nucera.com/>



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**Dr. Markus Oles**  
Head of Carbon2Chem  
Thyssenkrupp Steel Europe



After graduating from Ruhr-Universität Bochum in 1996 with a Diploma in Physics and a PhD in Physiology, Dr. Markus Oles worked at Evonik for over 10 years, inhabiting roles such as Senior Manager R&D or Principal "In-house consultant".

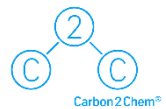
In 2009, he joined ThyssenKrupp Technologies AG as Head of Operational Excellence. In 2012 he took over the role of Head of Corporate Innovation Programs. There, he was responsible for finding and exploiting new technologies and markets suitable for the areas of competence covered by ThyssenKrupp, and concerned with the topic's sustainability, circular economy, hydrogen, electrolyser, production processes and digitalization, with the objective of establishing them later in operational business divisions or with external partners. Together with Partners from academy he steers Carbon2Chem, one of the biggest funded Project of BMBF to reduce unavoidable CO<sub>2</sub> emissions.

2021, he joined ThyssenKrupp Steel Europe as Head of Carbon2Chem Center of Decarbonization

## 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.

[www.thyssenkrupp-steel.com](http://www.thyssenkrupp-steel.com)



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### Ms. Cecilia Strandberg

*Project Director Energy and Climate Policy*  
Renewables Academy (RENAC) AG



Cecilia Strandberg is the responsible contact person at RENAC for all activities within Germany's bilateral energy cooperation initiatives with Australia, the United States, Canada, and New Zealand of the German Federal Ministry for Economic Affairs and Climate Action (BMWK).

In this function, Cecilia Strandberg organizes and facilitates expert delegation visits to Germany – both virtually and in person – on topics related to energy transition, green hydrogen, offshore wind, power market design, coal exit and structural change for high-ranking experts from policy, industry, research, and others from Australia, the US, Canada and New Zealand.

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# Expert Delegation Trip to Germany and Bilateral Knowledge Exchange for stakeholders from Australia

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This delegation trip is organized by the Renewables Academy (RENAC) AG in cooperation with its partners adelphi, the German-Australian Chamber of Industry and Commerce (AHK) and the Australian Trade and Investment Commission (Austrade) as part of the Australia-Germany Energy Partnership.



## About the Renewables Academy (RENAC) AG

The Renewables Academy AG (RENAC) is a leading international provider of training, educational programs and capacity building services in the field of renewable energy and energy efficiency.

Since its foundation in 2008, RENAC has trained over 30,000 professionals from more than 160 countries in the use and implementation of different renewable energy technologies covering technical aspects, policy, regulatory framework, project development, and financial aspects. As part of its service portfolio, RENAC also offers support to major private and public organizations, international agencies, universities and governments in setting up and developing own in-house training portfolios, drawing on its extensive experience in training material development and training delivery.



Since 2016, RENAC is part of a consortium supporting the German Federal Ministry for Economic Affairs and Climate Action (BMWK) in its endeavor to strengthen its bilateral energy cooperation initiatives with Australia, the United States, Canada, and New Zealand. Within this consortium, RENAC organizes high-level expert exchanges between Germany and the partner countries.

**Contact:** Cecilia Strandberg, Project Director Energy and Climate Policy, [strandberg@renac.de](mailto:strandberg@renac.de), +49 30 58 70870 42

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## YOUR PARTICIPATION

The aim of this delegation trip is to provide a space for exchange and discussion, and everyone present brings a wealth of experience to the table. In order for everyone to benefit the most from taking part we encourage you to actively participate in the activities and discussions.

During the four days of the delegation trip, we ask you to please consider the following in order to make the exchange as interactive and fruitful as possible for all of you:

- ▶ **Contribute to the discussion.** We want you to be involved, so please do not hesitate to ask your questions or contribute to the discussion.
- ▶ **Be on time.** Please be on time at the meeting points at the times indicated in the agenda and let your hosts know immediately in case of any urgency matters arising throughout the four days.
- ▶ **Participate in all sessions.** We all count on your participation in every session throughout the four days of the delegation trip.
- ▶ **Agree to disagree (if necessary) and be respectful of others.** Please consider the discussions as exchanges between experts for the purpose of learning. During the sessions, participants are free to express their opinions and concerns. Differences in approaches and strategies are more than welcome. Everyone should contribute to a calm, non-judgemental and sharing environment.

We look forward to a fruitful four-day exchange with you!

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## IMPORTANT CONTACT NUMBERS

During your stay here in Germany, please find below important contact numbers:

Emergency Number

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Australian Embassy Germany

Wallstraße 76-79, 10179 Berlin  
Website: <https://germany.embassy.gov.au/>  
Phone: +49 30 8800880

AWA Hotel Munich  
(Munich)

Direction: Schillerstraße 10, Ludwigsvorstadt, 80336 Munich  
Phone: +49 89 904218585  
Website: [www.awa-hotel.com](http://www.awa-hotel.com)

Hotel Berlin Motel One am  
Hauptbahnhof  
(Berlin)

Invalidenstraße 54, 10557 Berlin  
Phone: +49 30 364 10 05-0  
Website: [www.motel-one.com](http://www.motel-one.com)

Hotel Fuerst Bismarck  
(Hamburg)

Kirchenalle 49, 20099 Hamburg  
Phone: +49 40 790 251 64 0  
Website: [www.fuerstbismarck.de](http://www.fuerstbismarck.de)

Mercure Hotel Dortmund City  
(Dortmund)

Kampstr. 35-37, 44137 Dortmund  
Phone: +49 231 5897-0  
Website: <https://all.accor.com/deutschland>

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## CONTACT

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