



AGENDA

Virtual Expert Delegation Tour and Bilateral Knowledge Exchange

Hydrogen in Canada and Germany

April 05-07, 2022

Tuesday, April 5, 2022

Introduction & meeting with government agencies

Time EST/ UTC -5 (CAN) (CEST/ UTC +1 (GER))	Top	Speaker
Welcome and introduction		
08:45 a.m. (02:45 p.m.)	<i>Registration</i>	<i>Login to virtual platform</i>
09:00 a.m. (03:00 p.m.)	Welcome and introduction <ul style="list-style-type: none"> Welcome/opening remarks Introduction of IT-tools, Netiquette Presentation of programme & group session Introduction session 1 & speaker 	Ms. Cecilia Strandberg <i>Project Director & Moderator</i> Renewables Academy (RENAC) AG www.renac.de Mr. Nicolai Pogadl <i>Head, German Secretariat of the Energy Partnership with Canada</i> German Secretariat of the Energy Partnership with Canada https://kanada.ahk.de/energie-sekretariat

Organized by:

In cooperation with:



09:30 a.m. (03:30 p.m.)	Opening remarks by Deputy Director-General Ursula Borak from the Federal Ministry for Economic Affairs and Climate Action (BMWK) <ul style="list-style-type: none"> • Welcome and introduction to the international energy policy agenda • Energy partnership with Canada (goals) • Snapshot - German Energy transition (drivers, milestones, what has worked, what did not) • Role of (green) hydrogen 	Ms. Ursula Borak <i>Deputy Director-General at the Federal Ministry for Economic Affairs and Climate Action (BMWK)</i> German Federal Ministry for Economic Affairs and Climate Action (BMWK) www.bmwi.de
09:45 a.m. (03:45 p.m.)	Session 1: The German energy transition and the role of hydrogen <ul style="list-style-type: none"> • Background, targets and status of the German Energiewende • Phasing out nuclear and coal • Role of (green) hydrogen for the German Energiewende • The German Hydrogen Strategy • IPCEI projects • Support instruments for hydrogen, H2Global 	Dr. Florian Knobloch <i>Deputy Head of Division, Bilateral Energy Cooperation</i> German Federal Ministry for Economic Affairs and Climate Action (BMWK) www.bmwi.de
10:15 a.m. (04:15 p.m.)	Session 2: The role of hydrogen in Canada Canadian hydrogen strategy and the role of (green) hydrogen in Canadian energy transition	Dr. Aaron Hoskin <i>Chief Advisor - Transportation and alternative fuels</i> Natural Resources Canada www.nrcan.gc.ca
10:30 a.m. (04:30 p.m.)	Q&A and moderated group discussion	All participants <i>Moderated by:</i> Mr. Albrecht Tiedemann <i>Head of Division</i> Renewables Academy (RENAC) AG www.renac.de
11:00 a.m. (05:00 p.m.)	<i>Virtual coffee / tea break</i> <i>Time for networking and socializing with fellow participants</i>	



11:20 a.m. (05:20 p.m.)	Session 3: German hydrogen strategy and the role of the German national hydrogen council <ul style="list-style-type: none"> • The German national hydrogen council • German hydrogen strategy: Background and ambition, drivers and targets • Implementation of German H2 strategy • Hydrogen production and use cases in Germany 	Dr. Felix Chr. Matthes <i>Member of the German National Hydrogen Council, Research Coordinator Energy & Climate Policy at Öko-Institut (Institute for Applied Ecology)</i> The German National Hydrogen Council www.wasserstoffrat.de/en/
11:50 a.m. (05:50 p.m.)	Q&A and moderated group discussion	All participants <i>Moderated by:</i> Mr. Albrecht Tiedemann <i>Head of Division</i> Renewables Academy (RENAC) AG www.renac.de
12:20 p.m. (06:20 p.m.)	Conclusion and summary of day 1 <ul style="list-style-type: none"> • Feedback round • Outlook to day 2 • Introduction networking/group work session 	Ms. Cecilia Strandberg <i>Project Director & Moderator</i> Renewables Academy (RENAC) AG www.renac.de
12:30 p.m. (06:30 p.m.)	<i>Networking and get-together in groups between Canadian participants for group presentation on day 3</i>	

End of day 1



Wednesday, April 6, 2022

Meeting with German hydrogen initiatives and clusters

Time EST/ UTC -5 (CAN) (CEST/ UTC +1 (GER))	Top	Speaker
Welcome and introduction		
08:45 a.m. (02:45 p.m.)	<i>Registration</i>	<i>Login to virtual platform</i>
09:00 a.m. (03:00 p.m.)	Welcome to day 2 <ul style="list-style-type: none"> Recap of day 1 Introduction to day 2 and introduction of speakers 	Ms. Cecilia Strandberg <i>Project Director & Moderator</i> Renewables Academy (RENAC) AG www.renac.de
09:15 a.m. (03:15 p.m.)	Session 4: Green hydrogen flagship projects in Germany <ul style="list-style-type: none"> Project show cases: TransHyDE, H2Giga, H2Mare International cooperation potential in project development and research Q&A 	Dr. Christiane Pyka <i>Division for Energy and Hydrogen Technologies</i> Federal Ministry of Education and Research (BMBF) www.bmbf.de
09:45 a.m. (03:45 p.m.)	Session 5: International supply chain for hydrogen <ul style="list-style-type: none"> Global demand and availability International Supply Chain for Hydrogen Transport, storage and distribution of hydrogen HySupply – Feasibility study on intercontinental supply chain for hydrogen Q&A 	Mr. Carsten Rolle <i>Head of Department Energy and Climate Policy</i> Ms. Manté Bartusevičiūtė <i>Project Manager of HySupply</i> Federation of German Industries (BDI) www.bdi.eu



10:15 a.m. (04:15 p.m.)	Q&A and moderated group discussion	All participants
		<p><i>Moderated by:</i></p> <p>Mr. Albrecht Tiedemann <i>Head of Division</i></p> <p>Renewables Academy (RENAC) AG</p> <p>www.renac.de</p>
10:35 a.m. (04:35 p.m.)	<p><i>Virtual coffee / tea break</i></p> <p><i>Time for networking and socializing with fellow participants</i></p>	
10:55 a.m. (04:55 p.m.)	Session 6: German hydrogen strategy and implications for the regulatory framework	<p>Ms. Luisa Boll <i>Programme Manager International Partnerships</i></p> <p>NOW – National Organisation Hydrogen and Fuel Cell Technology</p> <p>www.now-gmbh.de</p>
	<ul style="list-style-type: none"> • About: National Organisation Hydrogen • HyLand – regional funding approaches • Status of hydrogen infrastructure and use in Germany • Current challenges in infrastructure deployment • Regulatory issues in Germany & the EU • Q&A 	
11:25 a.m. (05:25 p.m.)	Session 7: Hydrogen Networks in Germany – an example	<p>Dr. Mei Han <i>Manager of the Hydrogen Network Lusatia</i></p> <p>Hydrogen Network Lausitz Durch2atmen</p> <p>www.durchatmen.org</p>
	<ul style="list-style-type: none"> • Background, approach and target • Activities, projects • Structural change & regional opportunities • Q&A 	
11:55 a.m. (05:55 p.m.)	Q&A and moderated group discussion	All participants
		<p><i>Moderated by:</i></p> <p>Mr. Albrecht Tiedemann <i>Head of Division</i></p> <p>Renewables Academy (RENAC) AG</p> <p>www.renac.de</p>



12:20 p.m.
(06:20 p.m.)

Conclusion and summary of day 2

- Feedback round
- Outlook to day 3
- Introduction networking/group work session

Ms. Cecilia Strandberg
Project Director & Moderator

Renewables Academy
(RENAC) AG

www.renac.de

12:30 p.m.
(06:30 p.m.)

Networking and get-together in groups between Canadian participants for group presentation on day 3

End of day 2



Thursday, April 7, 2022

Meeting with the hydrogen industry

Time EST/ UTC -5 (CAN) (CEST/ UTC +1 (GER))	Top	Speaker
Welcome and introduction		
08:45 a.m. (02:45 p.m.)	<i>Registration</i>	<i>Login to virtual platform</i>
09:00 a.m. (03:00 p.m.)	Welcome to day 3 <ul style="list-style-type: none"> Recap of day 2 Introduction to day 3 and introduction of speakers 	Ms. Cecilia Strandberg <i>Project Director & Moderator</i> Renewables Academy (RENAC) AG www.renac.de
09:15 a.m. (03:15 p.m.)	Session 8: Hydrogen in the steel sector <ul style="list-style-type: none"> Decarbonization in the steel sector Project overview Key figures, achievements and challenges Q&A 	Dr. Hans-Jörn Weddige <i>Head of Climate Funds Strategies</i> thyssenkrupp Steel www.thyssenkrupp-steel.com
09:45 a.m. (03:45 p.m.)	Session 9: Project showcase – hydrogen infrastructure and use on an industrial scale <ul style="list-style-type: none"> Project overview Key figures of project Achievements and challenges Q&A <p><i>Further project partner representatives from the “Westküste100” project joining for discussion:</i></p> <p>Prof. Dr.-Ing. Klaas Völtzer <i>West Coast University of Applied Sciences (FHW),</i> www.fh-westkueste.de</p> <p>Dr. Kay Bareiß <i>Thüga AG, www.thuega.de</i></p> <p>Ms. Lisa Bauer <i>Thüga AG, www.thuega.de</i></p>	Dr. Frank Schiller <i>Head of ITE's group Economy and Society at the Institute for the Transformation of the Energy System (ITE) at the West Coast University of Applied Sciences (FHW)</i> West Coast University of Applied Sciences (FHW) www.fh-westkueste.de Project partner in “Westküste100” project: www.westkueste100.de/en/



10:15 a.m. (04:15 p.m.)	Q&A and moderated group discussion	All participants
		<p><i>Moderated by:</i></p> <p>Mr. Albrecht Tiedemann <i>Head of Division</i></p> <p>Renewables Academy (RENAC) AG</p> <p>www.renac.de</p>
10:45 a.m. (04:45 p.m.)	<p><i>Virtual coffee / tea break</i></p> <p><i>Time for networking and socializing with fellow participants</i></p>	
11:05 a.m. (05:05 p.m.)	<p>Session 10: Presentations by Canadian participants</p> <p>Group presentations by Canadian participants on lessons learned from the delegation trip (4 groups, 4 presentations á max. 10 minutes per group)</p>	<p>All CAN participants</p> <p><i>Moderated by:</i></p> <p>Ms. Cecilia Strandberg <i>Project Director & Moderator</i></p> <p>Renewables Academy (RENAC) AG</p> <p>www.renac.de</p>
11:50 a.m. (05:50 p.m.)	Q&A and moderated group discussion	<p>All participants</p> <p><i>Moderated by:</i></p> <p>Mr. Albrecht Tiedemann <i>Head of Division</i></p> <p>Renewables Academy (RENAC) AG</p> <p>www.renac.de</p>
12:05 p.m. (06:05 p.m.)	<p>Final Session: Feedback round and evaluation</p> <ul style="list-style-type: none"> • Concluding remarks and next steps • Feedback round • Evaluation • Closing of virtual expert delegation trip 	<p>All participants</p> <p><i>Moderated by:</i></p> <p>Ms. Cecilia Strandberg <i>Project Director & Moderator</i></p> <p>Renewables Academy (RENAC) AG</p> <p>www.renac.de</p>

End of day 3 and virtual expert delegation trip



Please note: The programme organizer reserves the right to change the content and schedule of the agenda according to availability of the proposed organizations and their speakers on short notice.

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