Global Hydrogen Production Technologies (HyPT) Center Kickoff Meeting

February 11 – 13, 2024 | Arizona State University

Global HyPT Center is an international partnership funded by the US, Australia, Canada, and the UK. It involves 7 countries, 20 universities, close to 100 researchers, and an advisory board of 10 members representing various stakeholders. The kickoff meeting is scheduled for February 12–13, 2024 at Arizona State University. You can participate either in person or through Zoom. Please register here:

https://specialevents.asu.edu/hyptconference

With registration, you will have real-time access to the meeting. Come and learn the latest in hydrogen technologies.

February 11, 2024		
18:00 – 20:00	Executive Committee Meeting	Engineering Research Center 111
February 12, 2024		Memorial Union 242 La Paz
09:00 – 09:05	Welcome Remarks	Sally Morton, Arizona State University
09:05 – 09:10	Welcome Remarks	Paul Raterron, National Science Foundation
Session 1: Global HyPT Center in the Big Picture		Co-Chair: Murray Thomson, University of Toronto Co-Chair: Gus Nathan, University of Adelaide
09:15 – 09:45	Keynote: Hydrogen – Global Status and Future Prospects (virtual)	Uwe Remme, International Energy Agency
09:45 – 10:15	Overview of Hydrogen Production Technologies	Greg Metha, University of Adelaide
10:15 – 10:45	Overview of Global HyPT Center	Meng Tao, Arizona State University
10:45 – 11:15	Stakeholder Needs for HyPT's Success	Nazmiye Ozkan, Cranfield University
11:15 – 11:20	Break	

11:20 – 12:00	Panel #1 Greg Metha, University of Adelaide Meng Tao, Arizona State University Nazmiye Ozkan, Cranfield University Enoch Dames, Monolith Corp Viola Birss, University of Calgary	Moderator: Ellen Stechel, Arizona State University
12:00 – 12:15	Group Photo	
12:15 – 14:00	Lunch and Social Time	
12:30 – 13:30	Advisory Board Meeting	Moderator: Dan Holladay, Global HyPT Center Memorial Union 246 Coconino
Session 2: Global HyPT Center and Other Hydrogen Initiatives		Co-Chair: Viola Birss, University of Calgary Co-Chair: Nazmiye Ozkan, Cranfield University
14:00 – 14:30	Keynote: Hydrogen at Scale	Bryan Pivovar, National Renewable Energy Laboratory
14:30 – 15:00	The Growing Gulf Coast Clean Hydrogen Ecosystem	Brett Perlman, Center for Houston's Future and HyVelocity Hub
15:00 – 15:30	Hydrogen Activities from Basic Science at LBNL to Deployment at ARCHES	Adam Weber, Lawrence Berkley National Laboratory and Alliance for Renewable Clean Hydrogen Energy Systems
15:30 – 16:00	The Anticipated Role of Hydrogen in Heavy Industry Decarbonization	Gus Nathan, University of Adelaide
16:00 – 16:05	Break	
16:05 – 16:45	Panel #2 Bryan Pivovar, National Renewable Energy Laboratory Brett Perlman, Center for Houston's Future Adam Weber, Lawrence Berkeley National Laboratory Gus Nathan, University of Adelaide Murray Thomson, University of Toronto	Moderator: Chico Hunter, Salt River Project
16:45 – 18:00	Reception	
February 13, 2024		Goldwater Center 487
Session 3: Global HyPT Center Missions and Goals		Co-Chair: Francois Perreault, University of Quebec Co-Chair: Greg Metha, University of Adelaide

08:30 – 08:50	Overview of Water Electrolysis	Viola Birss, University of Calgary
08:50 – 09:00	Overview of Electrolysis System	Mike Ranjram, Arizona State University
09:00 – 09:20	Overview of Methane Pyrolysis	Murray Thomson, University of Toronto
09:20 – 09:40	Overview of Photocatalysis	Greg Metha, University of Adelaide
09:40 – 10:00	Overview of Policy, Economics and Market	Nazmiye Ozkan, Cranfield University
10:00 – 10:20	Overview of Water Management	Francois Perreault, University of Quebec at Montreal
10:20 – 10:30	Break	
10:30 – 12:00	Breakout Sessions to Develop Gantt Charts for Each Thrust	
	Water Electrolysis	Goldwater Center 487
	Methan Pyrolysis	Goldwater Center 409
	Solar Photocatalysis	Goldwater Center 305
	Policy/Economics/Market	Goldwater Center 221
	Water Management	Goldwater Center 487
12:00 – 13:30	Lunch and Breakout Sessions	
13:30 – 14:00	Final Remarks	
14:00 – 15:30	Executive Committee Meeting	Goldwater Center 409
14:00 – 17:00	Social Time	Goldwater Center 487