



# 2<sup>nd</sup> LATAM MEETING ON GREEN AMMONIA AND POWER-to-X

January 8, 9 and 10 2025  
Anacleto Angelini innovation center  
San Joaquín, Chile

## 08 | Wednesday JANUARY

8:30 - 9:00 Welcome Coffee  
9:00 - 9:10 Words from the authorities  
9:10 - 9:20 Welcome from MIGA's director, Mauricio Isaacs

### BLOCK 1. Sustainable Ammonia Synthesis Processes and Power-to-X

9:30 a 12:45 hrs

Bill David (University of Oxford)  
*Chile and its key role in the global green ammonia infrastructure*  
James O'Shea (Nottingham University)  
*Near-ambient pressure XPS for in-situ studies of catalytic surfaces*

Coffee break

Mauricio Isaacs (MIGA)  
*Electrochemical Ammonia Synthesis: Challenges and Opportunities*

Speaker abstract

Speaker abstract

Q&A

12:45 - 14:15 Lunch

### BLOCK 2. Corrosion, Combustion, and Wear 14:15 a 18:15 hrs

Posters session

Gerardine Botte (Texas Tech University)  
*To be defined*

Roberto Canales (Universidad Católica de Chile)  
*CO2 capture and its role in the ammonia value chain*

Speaker abstract

Speaker abstract

Q&A

Closing remarks

## 09 | Thursday JANUARY

8:30 - 9:00 Welcome Coffee  
9:00 - 9:10 Welcome from MIGA's director Mauricio Isaacs

### BLOQUE 3. Uses and Applications of Ammonia, Hydrogen, and Other Vectors

9:15 a 13:05 hrs

Elena Pastor (Universidad De La Laguna)  
*Materials for Electrochemical Hydrogen Production*

Viola Birss (University of Calgary)

*To be defined*

National speaker

Coffee break

Speaker abstract

Speaker abstract

Speaker abstract

Q&A

13:05 - 14:35 Lunch

### BLOCK 4. Ammonia Economy and Other Energy Vectors 14:35 a 18.30 hrs

Posters session

Emilio Nieto (Spanish National Hydrogen Center)  
*CNH2 and its Arenha Project*

National Speaker (to be defined)

Zachary Schultz (Ohio State University)  
*Plasmonic nanomaterials for photo-electrocatalysis*

Speaker abstract

Speaker abstract

Q&A

Closing remarks

## 10 | Friday JANUARY

8:30 - 9:00 Welcome Coffee  
9:00 - 9:10 Welcome from MIGA's executive director, Pamela Delgado

### BLOCK 5. Ammonia as Fuel: Potential and Challenges

9:10 a 12:50 hrs

Keynote speaker (to be confirmed)

Bill David (University of Oxford)  
*Ammonia to power*

Coffee break

Alex Santander (Ministry of Energy)  
*Decarbonization Plan and Challenges in Power Plant Conversion and Transition Fuels*

Guacolda Energía

Wolfram Jahn (UC academic and MIGA researcher)  
*Technological Challenges of Ammonia Combustion*

Speaker (to be defined)

Round Table

12:50 - 14:20 Lunch

### BLOCK 6. Driving the Energy Transition: Green Ammonia Industry Development in Chile

14:20 a 18:10 hrs

MAE

HNH

GIZ

Mayekawa

Speaker (to be defined)

Round Table

Closing remarks

Cocktail