





PROGRAMME 24.04.2024 [WEDNESDAY]

LEVEL 2, EARTH HALL

10:00-10:30	OPENING OF THE FORUM AND OPENING SPEECH	
10:30-10:50	POWER SPEECH WHY DO WE NEED TO ACCELERATE CHANGE?	
10:50-11:00	Final of the Wielkopolska Marshal's Award competition "Wielkopolska for Planet 2030"	
11:05-11:55	DEBATE Regions for the planet	
		DEBATE
12:00-12:50	DEBATE Global Hydrogen Impact	RED 3 standardisation-regulatory-legal-business aspect LEVEL 1, ROOM 1 C
12:50-13:00	Competition final H2IDEA	

LEVEL 2 LEVEL 1

EARTH HALL A

13.30-14:20 DEBATE Opportunities for Baltic Sea countries to work together to build an integrated hydrogen

14.30-15:30

market

DEBATE Nuclear power development scenarios EARTH HALL B

HYDROGEN VALLEYS SUMMIT

13.20-15:30

13.20-13:35

Welcome and introduction

13.35-14:30
From regional
to European hydrogen
ecosystem - the role
of the regions
in championing EU
Hydrogen Valley success

14.30-14:40 Break

14.40-15:30

H2 valleys in Europe and beyond - what we can learn from each other?

15.40-16:20
Regional Pillar meeting
Round table

OPEN SPACE

13.20-14:15
Space for everyone

14.15-14:25

Competition final: Student idea for hydrogen

14.30-16:00

Educational workshops for teachers

stage Hydrogen Rocks

13.20-13:35

PRESENTATION

Green sources,
unlimited possibilities:
hydrogen energy storage
FRAKOHOME

13.40-13:55

PRESENTATION
Financing hydrogen
investments in Poland
from EU
and national funds

14.00-14:15

PRESENTATION
Hydrogen unit as part
of the decarbonisation
of the economy

14.20-14:35

PRESENTATION
Hydrogen Horizons:
influential projects
PRF Gas Solutions
in Poland and worldwide

14.40-14:55

PRESENTATION
Kawasaki Hydrogen Road
- developing innovative
hydrogen technologies

15.00-15:15

PRESENTATION
Air Products - your
partner in the
decarbonisation of
industry and transport

15.40-15:55 PRESENTATION

16.10-17:00
COMPETITION
How much do you know about hydrogen?

ROOM 1 B

13.00-14:30 SESSION SYNTHETIC FUELS

13.00-13:05
INTRODUCTION
Production of synthetic
fuels from green
hydrogen as a means
of chemical
energy storage

13.05-13:20
PRESENTATION
Production of SNG
and methanol by
hydrogenation of CO2
13.20-13:35
PRESENTATION
How to account for
the fuels of the energy
transition
in a quantitative and

qualitative approach?
13.35-13:50
PRESENTATION
E-fuels in the Nordic
countries - experiences,
lessons learned, success
stories and strategies

13.55-14:10
PRESENTATION
Role and opportunity for synthetic fuels RFNBO and Low Carbon in the energy transition using the HyFly project as an example

14.15-14:30
PRESENTATION
Green fuel projects
execution. A practical
perspective
14.30-14-50

14.30-14:50 BREAK

14.50-15:40
DEBATE
The future
of synthetic fuels

15.50-16:40

DEBATE
Challenges and
investment opportunities
for the deployment of
hydrogen technologies in
the Baltic Sea region

ROOM 1 C

13.00-13:50
DEBATE
Will the Union be a green island in the world's ocean thanks to ETS/ETS2, CBAM, CCUS, ESG mechanisms?

14.00-14:50

DEBATE
Hydrogen transport.
A new opening?
Where are we
and what do we need?
How to build an ecosystem
so that hydrogen mobility
can thrive.

15.00-15:50
DEBATE
Decarbonisation
of intermodal transport

16.00-16:50

DEBATE Airports and seaports as energy hubs



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PROGRAMME 25.04.2024 [THURSDAY]

LEVEL 2, EARTH HALL

10:00-10:55

DEBATE How to finance the hydrogen transition effectively? Opening presentation: The hydrogen transition - how to seize the opportunity for growth?

LEVEL 2 LEVEL 1

EARTH HALL A

11.10-12:10

DEBATE How to implement hydrogen investments

12.20-13:10

DEBATE Fire and explosion safety in the design of hydrogen infrastructure

13.20-14:20

DEBATE Hydrogen in Practice: A new horizon for electrolysers and fuel cells

EARTH HALL B

11.00-13:00

SESSION Critical raw materials for the energy transition and decarbonisation

11.00-11:20

PRESENTATION The importance of CRM in the context of the energy transition and the hydrogen economy

11.20-11:50

PRESENTATION Anthropogenic sources of critical metals

11.50-12:10

PRESENTATION Silicon a critical raw material for multiple levels of decarbonisation

12.10-12:40

PRESENTATION The reality of resource exploitation in Africa

> 12.40-13:00 **BREAK**

13.00-13:20

PRESENTATION From uncertainty to opportunities: **Forecasting strategies** for sustainable CRM

13.20-13:40

PRESENTATION Recycling of critical raw materials

13.40-14:00

PRESENTATION Critical elements and their role in the energy transition process

14.20-15:10

DEBATE Hydrogen storage - technologies and processes

stage Hydrogen Rocks

12.00-12:20 **PRESENTATION Know how**

European Hydrogen Bank

12.25-12:45

PRESENTATION What is needed to develop green hydrogen markets? What role can energy exchanges play?

ROOM 1 B

12.00-12:50 DEBATE **Integration of offshore**

with the hydrogen market: challenges and opportunities

13.00-13:50

DEBATE Hydrogen distribution

14.00-14:50

DEBATE Certification in the hydrogen sector (H2Ready equipment certification, personnel certification, hydrogen certification - certificates of origin, CMS70, CMS77, **KZR INIG; efficiency** audits, GHG)

ROOM 1 C

11.00-11:50 **DEBATE**

Supply chain and regional cooperation. **Enabling factors for** achieving the 2050 goal

12.00-12:50

DEBATE **Stabilisation** of the electricity system

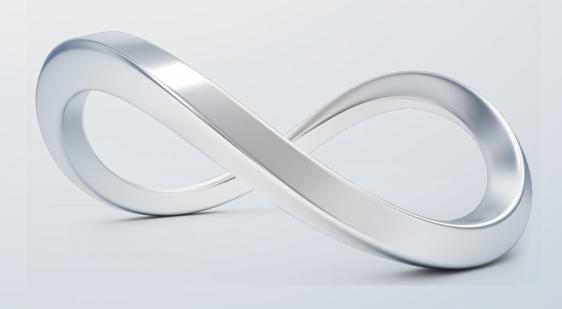
13.00-13:50

DEBATE

Decarbonisation of energy-intensive industries. Prospects, opportunities and risks.

14.00-14:50

DEBATE From water to hydrogen: Blue Deal as the future of green energy

















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PATRONAT HONOROWY **PATRONAGE OF HONOUR**



REGION GOSPODARZ HOST REGION





PARTNER GŁÓWNY/ MAIN PARTNER







PARTNERZY MERYTORYCZNI/ CONTENT PARTNERS

















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