

PROGRAMME 24.04.2024 (WEDNESDAY)

LEVEL 2, EARTH HALL

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|-------------|--|--|
| 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 | |
| 12:00-12:50 | DEBATE Global Hydrogen Impact | DEBATE 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

EARTH HALL B

OPEN SPACE

stage Hydrogen Rocks

ROOM 1 B

ROOM 1 C

13.30-14:20

DEBATE
Opportunities for Baltic
Sea countries to work
together to build an
integrated hydrogen
market

14.30-15:30

DEBATE
Nuclear power
development scenarios

13.20-15:30

HYDROGEN VALLEYS
SUMMIT

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

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

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?

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

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

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



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

| LEVEL 2 | | LEVEL 1 | | |
|--|--|--|--|---|
| EARTH HALL A | EARTH HALL B | stage Hydrogen Rocks | ROOM 1 B | ROOM 1 C |
| <p>11.10-12:10 DEBATE How to implement hydrogen investments</p> <p>12.20-13:10 DEBATE Fire and explosion safety in the design of hydrogen infrastructure</p> <p>13.20-14:20 DEBATE Hydrogen in Practice: A new horizon for electrolyzers and fuel cells</p> | <p>11.00-13:00 SESSION Critical raw materials for the energy transition and decarbonisation</p> <p>11.00-11:20 PRESENTATION The importance of CRM in the context of the energy transition and the hydrogen economy</p> <p>11.20-11:50 PRESENTATION Anthropogenic sources of critical metals</p> <p>11.50-12:10 PRESENTATION Silicon a critical raw material for multiple levels of decarbonisation</p> <p>12.10-12:40 PRESENTATION The reality of resource exploitation in Africa</p> <p>12.40-13:00 BREAK</p> <p>13.00-13:20 PRESENTATION From uncertainty to opportunities: Forecasting strategies for sustainable CRM</p> <p>13.20-13:40 PRESENTATION Recycling of critical raw materials</p> <p>13.40-14:00 PRESENTATION Critical elements and their role in the energy transition process</p> <p>14.20-15:10 DEBATE Hydrogen storage - technologies and processes</p> | <p>12.00-12:20 PRESENTATION Know how European Hydrogen Bank</p> <p>12.25-12:45 PRESENTATION What is needed to develop green hydrogen markets? What role can energy exchanges play?</p> | <p>12.00-12:50 DEBATE Integration of offshore with the hydrogen market: challenges and opportunities</p> <p>13.00-13:50 DEBATE Hydrogen distribution</p> <p>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)</p> | <p>11.00-11:50 DEBATE Supply chain and regional cooperation. Enabling factors for achieving the 2050 goal</p> <p>12.00-12:50 DEBATE Stabilisation of the electricity system</p> <p>13.00-13:50 DEBATE Decarbonisation of energy-intensive industries. Prospects, opportunities and risks.</p> <p>14.00-14:50 DEBATE From water to hydrogen: Blue Deal as the future of green energy</p> |



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*Organisers reserve the right to make changes to the programme.



24-25/04
2024
POZNAŃ



**PATRONAT HONOROWY
PATRONAGE OF HONOUR**



**REGION GOSPODARZ
HOST REGION**



PARTNER GŁÓWNY/ MAIN PARTNER

GRUPA TECHNOLOGICZNA ASE



PARTNERZY MERYTORYCZNI/ CONTENT PARTNERS



PARTNERZY/ PARTNERS



PARTNERZY BRANŻOWI/ INDUSTRY PARTNERS

