

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	
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

15.40-16:30

DEBATE

Natural hydrogen - new trend in the development of the hydrogen economy in Europe and worldwide

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

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 - 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>



h2poland.com.pl

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



24-25/04
2024
POZNAŃ



**PATRONAT HONOROWY
PATRONAGE OF HONOUR**



Ministerstwo
Klimatu i Środowiska

**REGION GOSPODARZ
HOST REGION**



PARTNER GŁÓWNY/ MAIN PARTNER

GRUPA TECHNOLOGICZNA ASE



3W • WODA • WODŃR • WĘGIEL



POLSKI BANK
ROZWOJU

PARTNERZY MERYTORYCZNI/ CONTENT PARTNERS



ADAM MICKIEWICZ
UNIVERSITY
POZNAŃ



Porozumienie Spółek Celowych



INSTYTUT TECHNOLOGII
PALIW I ENERGII

PARTNERZY/ PARTNERS



Agencja
Rozwoju
Przemysłu
S.A.



Kawasaki Gas Turbine Europe GmbH



PARTNERZY BRANŻOWI/ INDUSTRY PARTNERS



Polski Związek Przemysłu Motoryzacyjnego

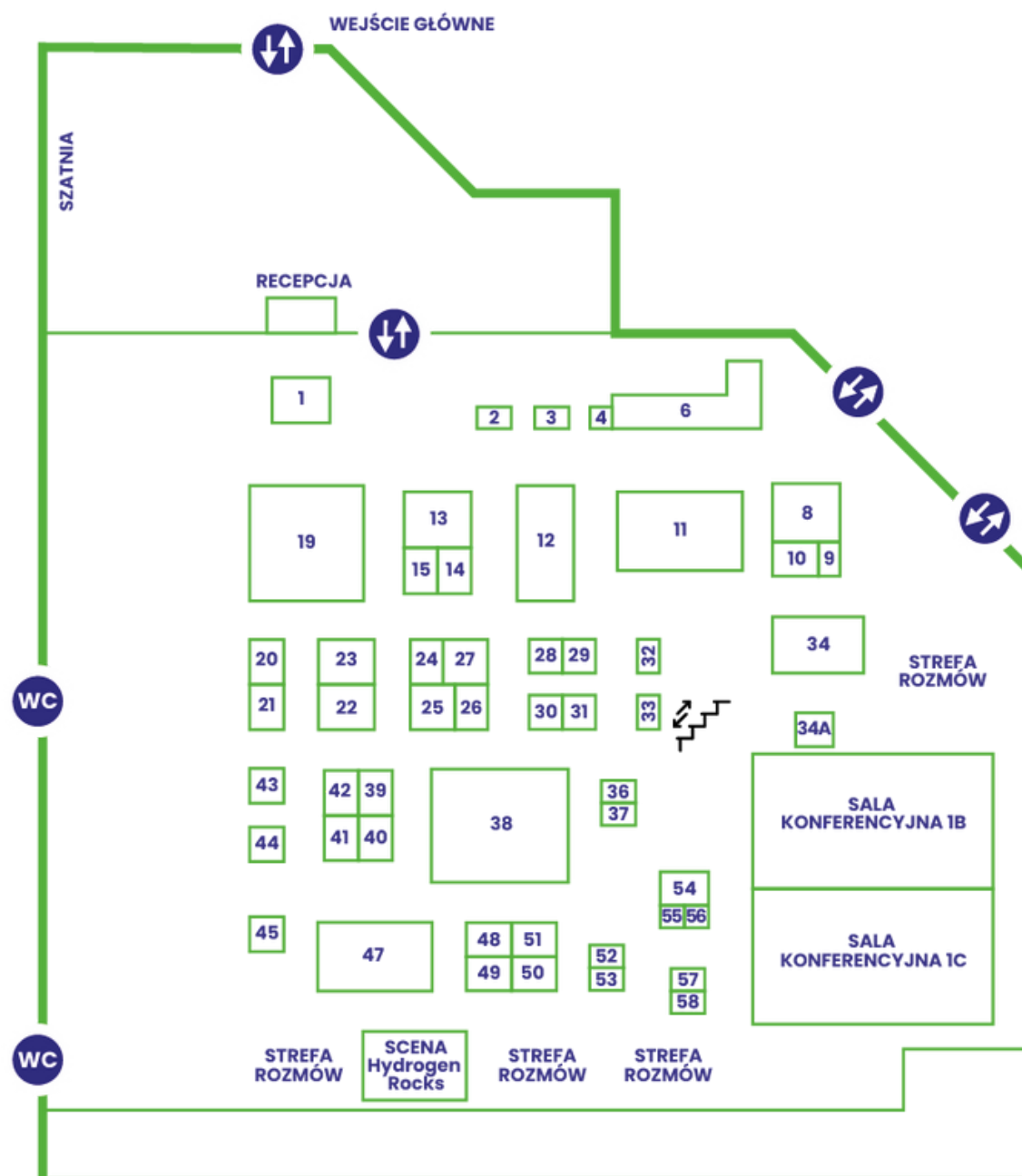


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POZIOM 1/ LEVEL 1



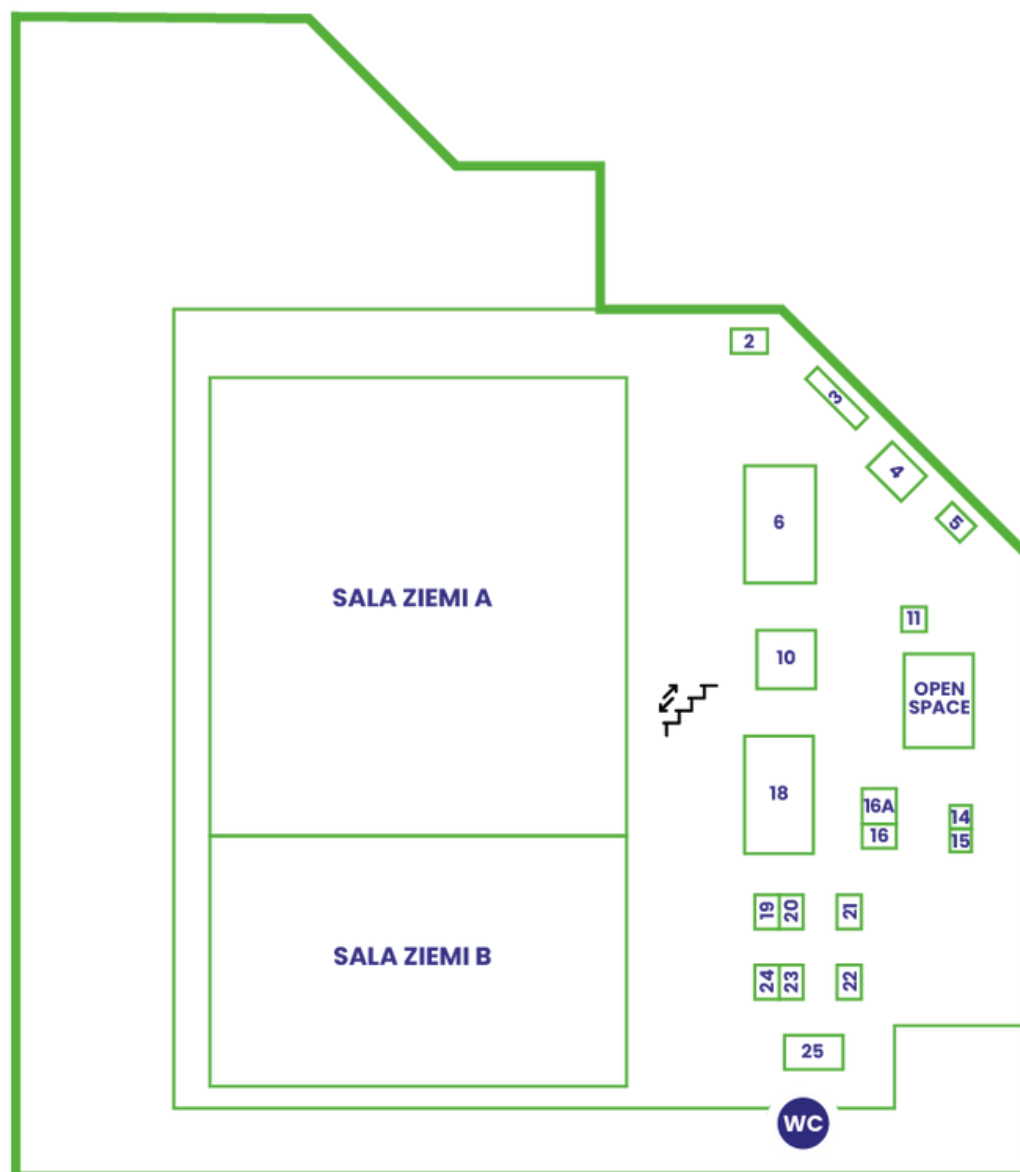
Stoisko	Wystawca
36	AFRY
57	AIR LIQUIDE POLSKA
27	AIR PRODUCTS
32	APVACUUM
12	ASE ATEX
12	AUTOMATIC SYSTEMS ENGINEERING
12	BIPORAF
2	BOCCARD KATES
30	CGH POLSKA
55	DEHN POLSKA
25	ECONSTRUCTION
12	EKO-KONSULT
25	ELEMONT
20	ENDRESS+HAUSER POLSKA
52	ENERGOPROJEKT-KATOWICE
13	ENERIA
40	ENVITEST
33	EXPROTEC
39	FLANDERS INVESTMENT & TRADE
10	FRAKO-TERM
49	GAZNET OU
14	GO & MANAGEMENT
22	GOETZE KG Armaturen
53	GWE POL-BUD
47	H2Band
14	HEXAGON PURUS
34A	HORUS-ENERGIA
4	HYDAC
12	HYSTAR
11	INSTYTUT ENERGETYKI, POLITECHNIKA KRAKOWSKA

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15	KSB POLSKA
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54	METROPOLIS Doradztwo Gospodarcze
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40	ML SYSTEM SA
43	NEL Hydrogen
9	PARTS4CLEANING POLAND
26	POLTRAF
28	PRF - GAS, TECNOLOGIA E CONSTRUCAO
45	PROGRES
6	QUANTRON POLSKA
47	REGIONALNA IZBA GOSPODARCZA POMORZA
51	RESATO HYDROGEN TECHNOLOGY
8	ROCKFIN
12	RPOW CONSULTING
1	SBB ENERGY
44	SCHUBERT & SALZER CONTROL SYSTEMS
3	SELFA Grzejnictwo Elektryczne
34	SES HYDROGEN ENERGY
38	Sieć Badawcza Łukasiewicz - Instytut Ceramiki i Materiałów Budowlanych
38	Sieć Badawcza Łukasiewicz - Instytut Chemii Przemysłowej
38	Sieć Badawcza Łukasiewicz - Instytut Elektrotechniki
38	Sieć Badawcza Łukasiewicz - Instytut Innowacji i Technologii

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38	Sieć Badawcza Łukasiewicz - Instytut Lotnictwa
38	Sieć Badawcza Łukasiewicz - Instytut Mikroelektroniki i Fotoniki
38	Sieć Badawcza Łukasiewicz - Instytut Nowych Syntezy Chemicznych
38	Sieć Badawcza Łukasiewicz - Instytut Techniki Innowacyjnych EMAG
38	Sieć Badawcza Łukasiewicz - Poznański Instytut Technologiczny
38	Sieć Badawcza Łukasiewicz - Warszawski Instytut Technologiczny - Branżowy Punkt Kontaktowy
42	SILICA VERFAHRENSTECHNIK
6	SIMPLE H2
15	SISTO
22	STASTO AUTOMATION
50	STOKOTA
24	SWAGELOK POLSKA
48	SYMBASE
41	TECHCOM SERWIS
21	TELZAS
11	Technologia wodorowa: TOYOTA
23	TUV SUD POLSKA
19	URZĄD MARSZAŁKOWSKI WOJEWÓDZTWA WIELKOPOLSKIEGO
47	URZĄD MARSZAŁKOWSKI WOJEWÓDZTWA POMORSKIEGO
31	VDMA
29	VENTILE & FITTINGS PRAHA
37	VTU ENGINEERING
47	WORTTINGTONE



POZIOM 2/ LEVEL 2



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21	AIRGAS POLSKA
6	ARP ENERGIA
19	B&L INTERNATIONAL
14	BALTIC SEA REGION HYDROGEN COUNCIL
10	BANK GOSPODARSTWA KRAJOWEGO
5	BIOMASS MEDIA GROUP
14	BOTH2NIA
6	CENTRALNA DOLINA WODOROWA IM. BRACI ŁASZCZYŃSKICH
6	DOLNOŚLĄSKA DOLINA WODOROWA / BALTICSEA4H2
2	ENERTRAG
23	EQUINOR ASA
14	ESTONIAN HYDROGEN ASSOCIATION
4	GOSPODARKA MORSKA
24	H2POLAND.EU
14	HYDROGEN VALLEY DENMARK
16	HYDROGENTECH
10	IDEA 3W
22	JIANGNAN ENVIRONMENTAL TECHNOLOGY
15	KAM-BET MINING COMPANY
14	LATVIAN HYDROGEN ASSOCIATION
14	LITHUANIAN HYDROGEN ENERGY ASSOCIATION
14	NEXUS CONSULTANTS
18	POLITECHNIKA POZNAŃSKA
20	POLITECHNIKA GDAŃSKA CENTRUM TECHNOLOGII WODOROWYCH
16A	Studio Sante
6	ŚLĄSKO-MAŁOPOLSKA DOLINA WODOROWA
6	ŚWIĘTOKRZYSKA GRUPA PRZEMYSŁOWA INDUSTRIA
14	UKRAINIAN HYDROGEN ASSOCIATION
18	UNIwersytet im. Adama Mickiewicza w Poznaniu
18	UNIwersytet Przyrodniczy w Poznaniu
14	VATGAS SVERIGE