

E-WORLD PROGRAM 2024



PROGRAM REVIEW 2024



Agenda

Conferences

- 3 Leadership Meeting Energy (Führungstreffen Energie)
- 6 Fiber Optics Forum (Glasfaserforum)

E-world Expert Forums

- 9 Program Overview | Tuesday
- 10 Program Overview | Wednesday
- 11 Program Overview | Thursday

NEW ENERGY SYSTEMS FORUM

- 12 Tuesday – 20.02.2024
- 13 Wednesday – 21.02.2024
- 15 Thursday – 22.02.2024

CHANGE FORUM

- 16 Tuesday – 20.02.2024
- 17 Wednesday – 21.02.2024
- 19 Thursday – 22.02.2024

FUTURE FORUM

- 20 Tuesday – 20.02.2024
- 21 Wednesday – 21.02.2024
- 23 Thursday – 22.02.2024

HYDROGEN SOLUTIONS FORUM

- 24 Tuesday – 20.02.2024
- 26 Wednesday – 21.02.2024
- 27 Thursday – 22.02.2024

CAREER FORUM

- 29 Thursday – 22.02.2024

CONFERENCES

AT E-WORLD 2024

Two German-language conferences enriched E-world 2024: Discover on the following pages the program of the Leadership Meeting Energy, which took place the day before the trade fair for top management and of the Fiber Optics Forum, which discussed broadband expansion on the first day of the trade fair.





Leadership Meeting Energy (Führungstreffen Energie)

Moderation – **Michael Bachmüller**, Parliamentary Editorial, Süddeutsche Zeitung

📅 February 19, 2024 ⌚ 12:30 – 18:30 🗨️ GER 💰 € 840,- plus VAT 📍 Atlantic Congress Hotel, Essen

At the Leadership Meeting Energy, management representatives from the energy sector, industry and politics discussed the current challenges, strategies and developments at eye level. The event was jointly organized by Süddeutscher Verlag Veranstaltungen GmbH and E-world energy & water for the thirteenth time. Over one afternoon, panelists subjected the energy transition to a critical review

and gave an outlook for the future. Participants also had ample opportunity for discussions and networking. Süddeutsche Zeitung accompanied the event as media partner and again provided the moderator of the congress: Michael Bachmüller from the business editorial department asked the critical questions currently moving the industry.

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Süddeutsche Zeitung



en2x

Capgemini  **invent**

Meet the Decision Makers of the Energy Industry, Including:



Oliver Krischer,
Minister for the Environment, Nature Conservation and Transport of North Rhine-Westphalia



Kerstin Maria Rippel,
CEO, Wirtschaftsvereinigung Stahl



Dr. Georg Müller,
Chairman of the Executive Board, MVV Energie AG



Michael Teigeler,
Managing Director, Stadtwerke Heidelberg Energie GmbH



Stefan Wenzel,
Member of the Bundestag, Parliamentary State Secretary, Federal Ministry for Economic Affairs and Energy and Climate Protection (BMWK)

PROGRAM

12:15 **Welcome by the Organizers and the Moderator**

New Targets for the Energy Transition in Germany and Europe

12:30 **IMPULSE: Next Steps for the Energy Transition**

Stefan Wenzel, Member of the Bundestag, Parliamentary State Secretary, Federal Ministry for Economic Affairs and Energy and Climate Protection (BMWK)

12:50 **IMPULSE: Where Do We Stand With the Energy Transition in Europe?**

Dr. Peter Liese, Member of the European Parliament

13:10 **Discussion With Both Keynote Speakers**

13:20 **DISCUSSION: Future Heat Supply: Building Energy Act and Municipal Heat Planning**

Sen. a. D. Axel Gedaschko, President of Bundesverband deutscher Wohnungs- und Immobilienunternehmen e.V.
Dr. Thomas Engelke, Head of Energy and Building Team, Consumer Policy Division, Federation of German Consumer Organizations E.V.

Karsten Rogall, Spokesman of the Management Board, Stadtwerke Leipzig GmbH

Michael Teigeler, Managing Director, Stadtwerke Heidelberg Energy GmbH

14:10 Networking, Coffee Break

Focus on the Energy Transition: Heat Supply, E-Mobility, Competitive Electricity Price

14:20 **IMPULSE: Rethinking Refueling – How Electromobility Is Changing the Existing Petroleum Industry**

Björn Niggel, Head of Alternative Fueling and Charging Infrastructure, En2X Wirtschaftsverband Fuels und Energie e.V.

14:30 **IMPULSE: Decarbonization in Heavy Goods Transport**

Patrick Wendeler, Chairman of the Management Board, BP Europa SE

14:40 **IMPULSE: Mobility Transition in NRW**

Oliver Krischer, Minister for the Environment, Nature Conservation and Transport of the State of NRW

14:55 **DISCUSSION: E-Mobility Behind Schedule – Is the Transport Transition (Still) Working?**

Christian Hochfeld, Director, Agora Verkehrswende

Tobias Bahnsen, Head of Shell E-Mobility DACH

Oliver Krischer, Minister for the Environment, Nature Conservation and Transport of the State of NRW

Alexander Möller, Managing Director ÖPNV, VDV e.V.

Jürgen Stein, Chief Innovation & News Business Officer, EnBW Energie Baden-Württemberg AG

15:45 Networking, Coffee Break

16:20 **IMPULSE: Energy Transition: Crash or Breakthrough for Germany's Future?**

Guido Wendt, Head of Energy Transition & Utilities, Capgemini Invent Germany

16:30 **DISCUSSION: Germany as a Business Location – Is the Electricity Price Still Competitive?**

Prof. Dr. Marc Oliver Bettzüge, Director, Energiewirtschaftliches Institut an der Universität zu Köln gGmbH

Dr. Georg Müller, CEO, MVV Energie AG

Kerstin Maria Rippel, Managing Director, Wirtschaftsvereinigung Stahl

Guido Wendt, Head of Energy Transition & Utilities, Capgemini Invent Germany

New Grid Economy Initiatives

17:15 **INTERVIEW: ACCELERATION AND COSTS OF GRID EXPANSION**

Stefan Kapferer, Chairman of the Management Board, 50Hertz Transmission GmbH

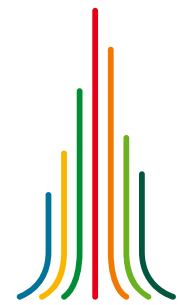
17:45 **Final Discussion And Summary of the Day by the Moderator**

18:00 Reception and Networking

Fiber Optics Forum 2024 (Glasfaserforum)

Successful Fiber Optic Expansion Under Changed Framework Conditions

Moderation – **Andreas Spiegel**, Micus Strategieberatung GmbH



Glasfaserforum
2024 | E-world Essen

📅 February 20, 2024

🕒 13:00 – 17:00

🗨️ GER

€ Free of charge

📍 E-world CCE West, Hall Berlin

For the sixth time, the fiber optic forum offered players involved in the expansion of fiber optics in North Rhine Westphalia the opportunity to network at E-world and discuss current challenges and solutions for the nationwide expansion of the future-proof digital infrastructure.

Under the motto "Successful fiber optic expansion under changed framework conditions", the organizers Bundesverband Breitbandkommunikation (BREKO), con|energy and Micus Strategieberatung provided an informative and varied program of presentations and discussions for representatives from the telecommunications industry as well as for state and local politics and administration.

The highlight of the half-day event was a panel discussion on the topic "Opportunities and risks in fiber optic expansion" with representatives from the companies Westconnect and NetCologne as well as representatives of the state parliament and the Association of Towns and Municipalities.

In exciting presentations new perspectives and solutions from and for municipal utilities and telecommunications companies in fiber optic expansion were introduced and shed light on topics such as sustainable network expansion and cyber security.

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Bundesverband
Breitbandkommunikation e.V.

con|energy

⊕ **SPONSORS**

EXPLOSERV
KAMPFMITTELRAUMUNG

SEFE

MICUS
Strategieberatung GmbH

Meet Decision Makers of the Industry at the Fiber Optics Forum, Including:



Dr. Stephan Albers,
Managing Director, BREKO



Frank Brech,
Managing Director, EnBW
Cyber Security GmbH



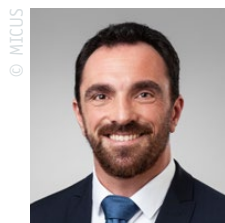
Julia Eisentraut,
Member of the NRW State
Parliament, Bündnis 90/Die
Grünen



**Dr. Alexander
Haßdenteufel,**
Managing Director, Thüga
Smart Service GmbH



Peer Kohlstetter,
Managing Director, YplaY
Germany GmbH



Andreas Spiegel,
Managing Director, MICUS
Strategieberatung GmbH



Nils Waring,
Managing Director,
epcan GmbH

PROGRAM

- 12:30 **Light Lunch by SEFE**
- 13:00 **Welcome**
Anne Buers, Head of Marketing & Product Development,
E-world energy & water
- 13:05 **Welcome: Current Situation in the Fiber Optics Industry**
Jan Simons, Head of State and Local Politics, Member
Management, BREKO
Dr. Stephan Albers, Managing Director, BREKO
- 13:30 **Opportunities and Risks in Fiber Optic Expansion**
Timo von Lepel, Managing Director, NetCologne
Julia Eisentraut, Member of the NRW State Parliament,
Bündnis 90/Die Grünen
Cora Ehlert, Principal Advisor at the Association of Towns
and Municipalities
Robin Weiland, Managing Director, Westconnect GmbH
- 14:15 **Small Networks, Big Challenges – Solutions for Muni-
cipal Utilities at a Crossroads in the Fiber Optic Market**
Peer Kohlstetter, Managing Director,
YplaY Germany GmbH
- 14:35 **Key Sustainability Figures for the Fiber Optics Industry**
Judith Luig, Head of Fiber Optics, Stadtwerke Münster
- 14:55 **Presentation Sponsor SEFE**
- 15:00 **Presentation Sponsor Exploserv**
- 15:05 *Break (30 min)*
- 15:35 **KRITIS-V, IT-SIG2.0, NIS-2 Directive – What Does This
Mean for My Company?**
Frank Brech, Managing Director, EnBW Cyber Security GmbH
- 15:55 **David vs. Goliath – Surviving the Fiber Optic
Competition as a Medium-Sized Provider**
Nils Waring, Managing Director, epcan GmbH
- 16:15 **We Need a Data-Driven Energy Industry for a Stable
and Sustainable Energy Supply in the Future**
Dr. Alexander Haßdenteufel, Managing Director,
Thüga SmartService GmbH
- 16:35 **Moving Away From Gut Feeling – New Perspectives for
Grid Expansion**
Andreas Spiegel, Managing Director,
MICUS Strategieberatung GmbH
- 16:55 **Conclusion of the Day**
- 17:00 **Networking, Closing**

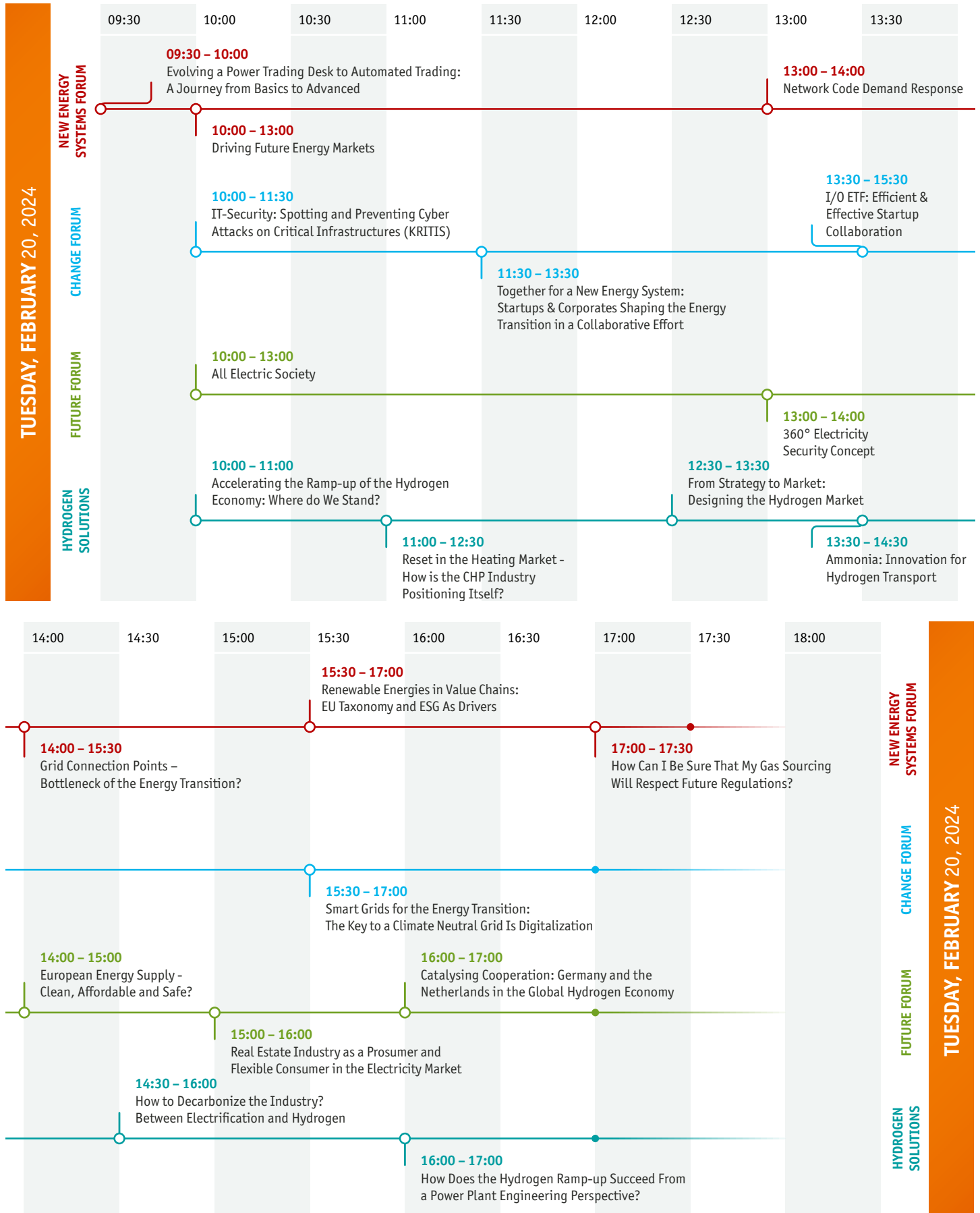
EXPERT FORUM

AT E-WORLD 2024

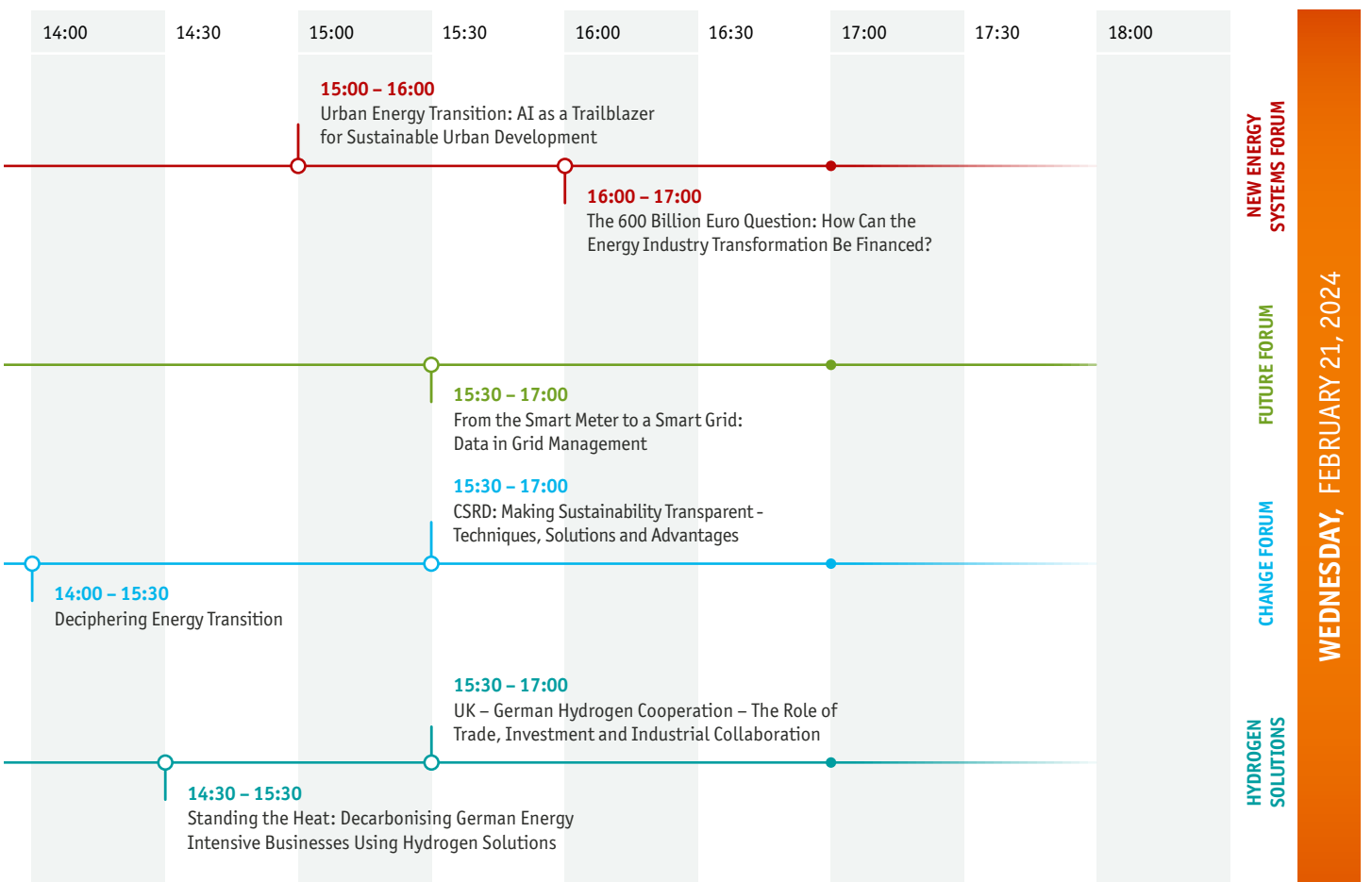
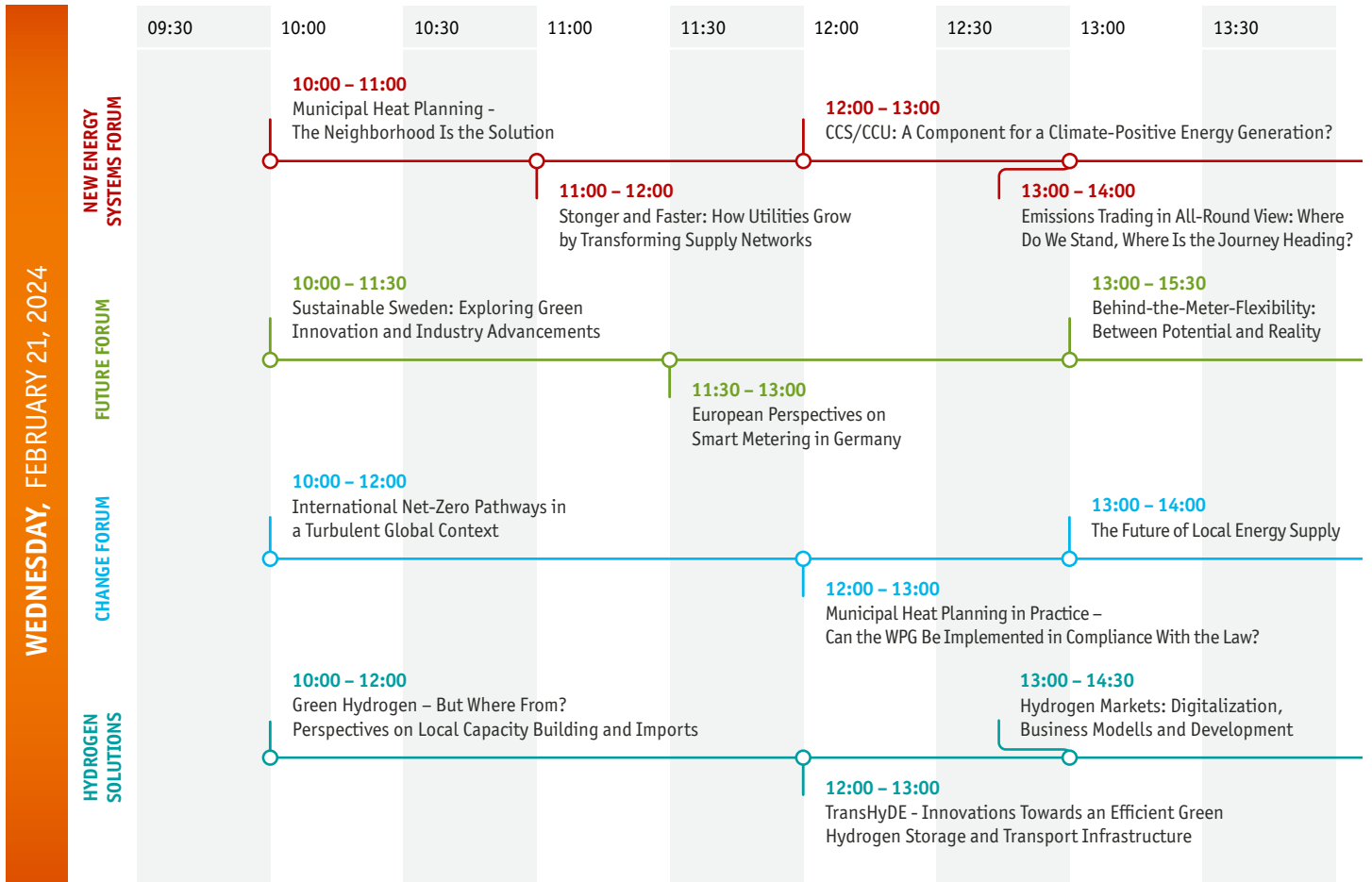
Panels and presentations that move the energy industry: Our four expert forums New Energy Systems, Change, Future and Hydrogen Solutions once again offered exclusive project insights, policy reviews and strategic outlooks during the three days of the trade fair.

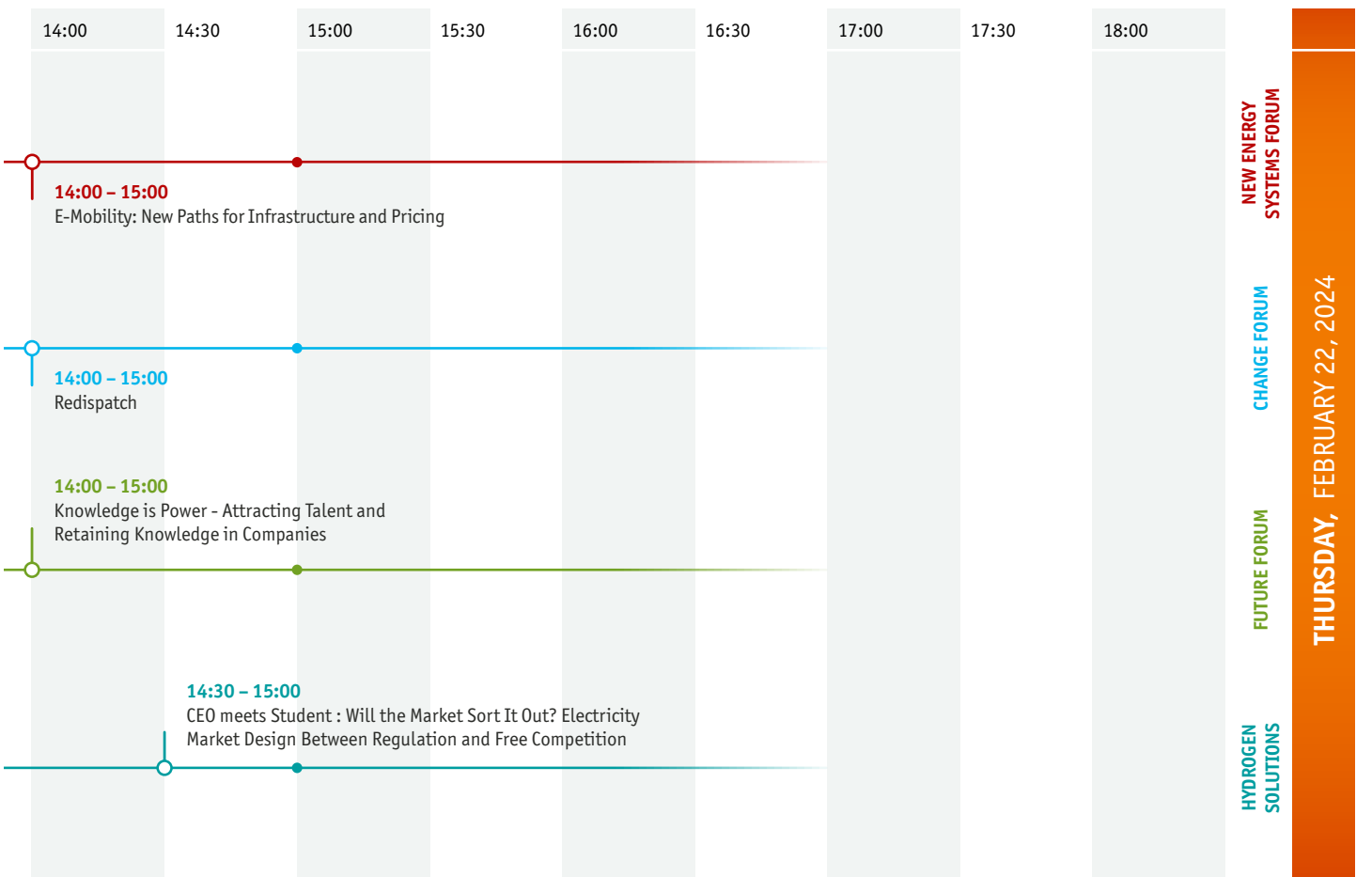
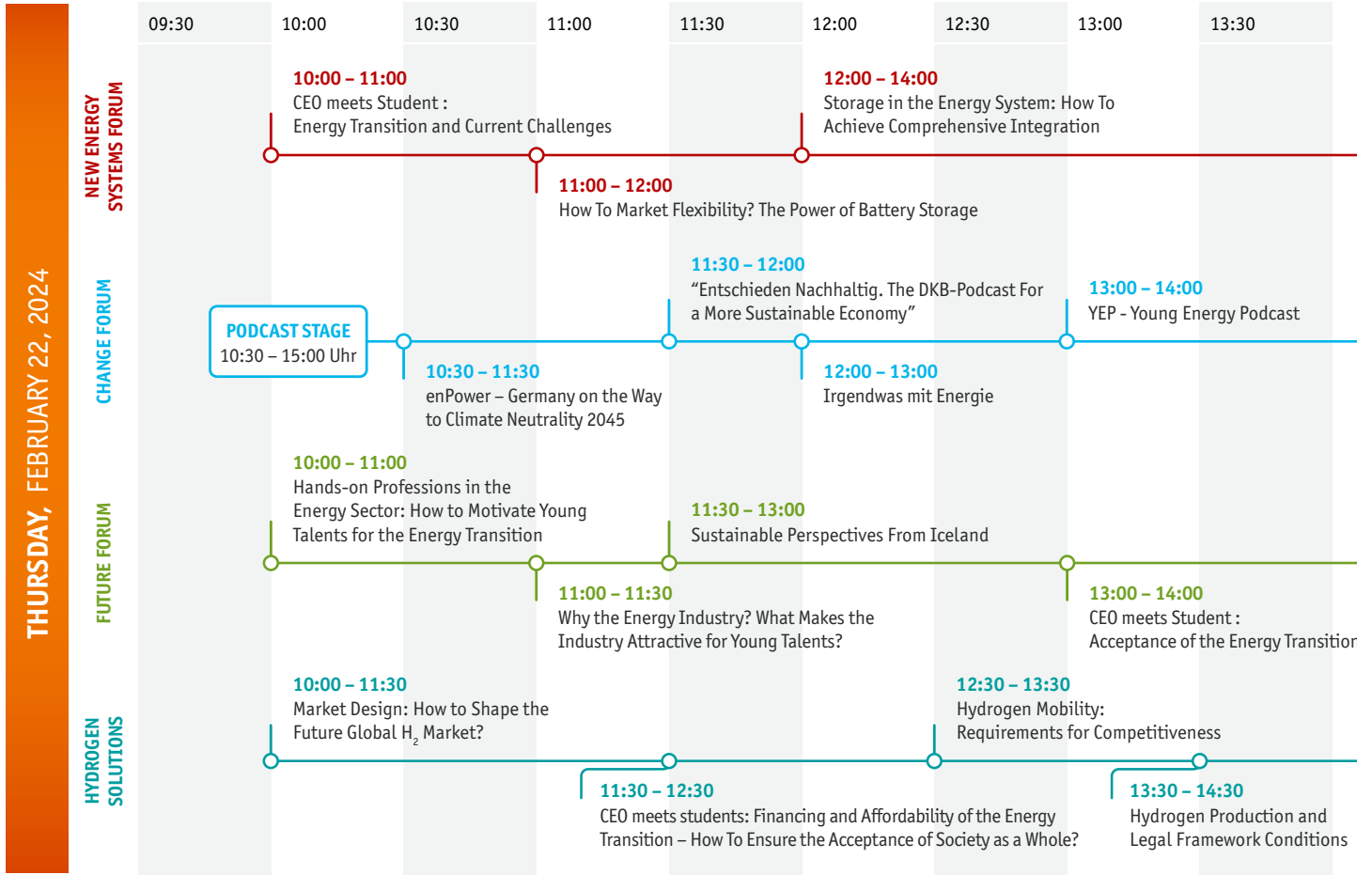


E-WORLD PROGRAM OVERVIEW 2024



TUESDAY, FEBRUARY 20, 2024






NEW ENERGY SYSTEMS FORUM | TUESDAY


February 20, 2024 | 09:30 – 17:30 | Hall 1

→ EVOLVING A POWER TRADING DESK TO AUTOMATED TRADING: A JOURNEY FROM BASICS TO ADVANCED

🕒 09:30 – 10:00 

Navesh Kumar, Lead Data Scientist, Brady Technologies
Chris Regan, Managing Director, Brady Technologies

→ DRIVING FUTURE ENERGY MARKETS


🕒 10:00 – 13:00 

10:00 **How National and European Legislation Will Shape the European Energy Markets**

11:00 **How Eex Group Further Develops the Power, Gas and Hydrogen Markets Through New Products and Initiatives**

12:00 **How Go Trading and Registry Services Provide Transparency and End-to-End Energy Traceability**

→ THE NETWORK CODE DEMAND RESPONSE – A EUROPEAN WAY TO TAP FLEXIBILITY POTENTIAL. A DISCUSSION FROM A GERMAN PERSPECTIVE.

🕒 13:00 – 14:00 

Host: Dr. Oliver Franz, VP European Associations, E.ON SE and Eurelectric

Panelists:


Torsten Knop, European Regulation, E.ON SE and EU DSO Entity

Philipp Meier, Consultant, Amprion and ENTSO-E

Thomas König, Regulatory Expert, enspired GmbH

Simon Behrens, Division 662 of the Federal Network Agency, including EU matters relating to electricity

→ GRID CONNECTION POINTS – BOTTLENECK OF THE ENERGY TRANSITION?

🕒 14:00 – 15:30 

Host: Maximilian Friedrich, Policy Officer, BEE

Panelists:

Dr. Matthias Stark, Head of Renewable Energy Systems, BEE e.V.

Prof. Dr. Phillip Fest, Group Leader of Group 62: Mining, Grids and Nuclear Technology, Ministry of Economic Affairs, Innovation, Digitization and Energy NRW

Dr. Kaspar Knorr, Energy Economics and Process Integration, Fraunhofer Institute for Energy Economics and Energy System Technology IEE

Jörg Leinkenjost, Head of Asset Management and Plant Engineering, Stadtnetze Münster GmbH


Thomas Dederichs, Head of Energy Policy, Amprion GmbH



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BEE
Bundesverband
Erneuerbare Energie e.V.

→ RENEWABLE ENERGIES IN VALUE CHAINS: EU TAXONOMY AND ESG AS DRIVERS

🕒 15:30 – 17:00 

Christian Marcks, Senior Expert Renewable Energies, GLS Bank

Gürbüz Yasar, Director Energy & Sustainability, PricewaterhouseCoopers

Juliane Mundt, Senior Consultant Climate Neutral Companies & Products, Hamburg Institute

Philipp Heidenreich, Director Purchasing Non-Production Material Energy Management, Schaeffler Technologies AG & Co. KG


Marek Schmidt, Manager Corporate Energy & Climate Affairs, Aurubis AG



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Marktoffensive
Erneuerbare Energien

→ HOW CAN I BE SURE THAT MY GAS SOURCING WILL RESPECT FUTURE REGULATIONS?

🕒 17:00 – 17:30 

Host: Nathalie Bazzi, Marketing and Communication ENGIE Global Energy Management & Sales

Panelists:

Andreas Guth, Policy Director - Eurogas, European Gas Industry Association

Thierry Matthieu, Managing Director Attributes

Ali Guncan, Business Developer, ENGIE Global Energy Management & Sales

NEW ENERGY SYSTEMS FORUM | WEDNESDAY

February 21, 2024

10:00 – 17:00



Hall 1

→	MUNICIPAL HEAT PLANNING - THE NEIGHBORHOOD IS THE SOLUTION	
🕒	10:00 – 11:00	
10:00	Municipal Heat Planning – Chaos or Chance? Frank Christian Hinrichs , CEO inno2grid GmbH and Chairman of the ODH-Board	
10:30	From Strategy to Implementation – Districts Are the Key Stefanie Jelinek , Head of Urban Infrastructure, EnBW AG	
	PARTNER	
		
→	STRONGER AND FASTER: HOW UTILITIES GROW BY TRANSFORMING SUPPLY GRIDS	
🕒	11:00 – 12:00	
	Host: Carsten Diermann , Authorized Signatory and Team Leader Energy and Heat, LBD-Beratungsgesellschaft	
	Panelists: Oliver Simonek , Managing Director, Oberschwäbische Elektrizitätswerke Julia Berkenfeld , Head of Sales & Marketing Project Development, Caeli Wind Alexander Steber , Key Account Manager Innovation Heat, MaxSolar GmbH Andreas Gabriel , Team Leader Product and Project Management, MVV Energie	
→	CCS/CCU: A COMPONENT FOR A CLIMATE-POSITIVE ENERGY GENERATION?	
🕒	12:00 – 13:00	
12:00	CCU and CCS Facing New Opportunities? Current Legal Framework and Current Opportunities Dr. Michael Neupert , Attorney at Law, Kümmerlein Attorneys at Law & Notaries Public	
12:30	Biomethane With CCS in Practice: This Is How Climate-positive Energy Production Is Possible Today Zoltan Elek , CEO, Landwärme GmbH	

→	EMISSIONS TRADING IN ALL-ROUND VIEW: WHERE DO WE STAND, WHERE IS THE JOURNEY HEADING?	
🕒	13:00 – 14:00	
13:00	Words of welcome Dr. Jürgen Landgrebe , Head of Department "Climate Protection, Energy, German Emissions Trading Authority (DEHSt)" at the German Environmental Agency	
13:05	Presentation by DEHSt Jan Weiß , Head of Department "Basic Economic Issues of Emissions Trading, Auctioning, Evaluations"	
13:15	Presentation by ICIS (EU ETS 2) Patricia Merschel , Quantitative Analyst - EU Carbon & Power Markets	
13:25	Presentation by FutureCamp Roland Geres , Managing Partner FutureCamp Holding GmbH	
13:35	Closing discussion with the audience	
	PARTNER	
		
→	IT WITH SECURITY. IMPLEMENTATION OF THE CURRENT EUROPEAN REGULATION OF IT SECURITY	
🕒	14:00 – 15:00	
14:00	Don't Become a Risk for Others - Empowering Cyber Security in the Energy Market Vanessa Neumann , Associate, PricewaterhouseCoopers GmbH Wirtschaftsprüfungsgesellschaft Sebastian Frenzel , Senior Manager, PricewaterhouseCoopers GmbH Wirtschaftsprüfungsgesellschaft	
14:30	NIS 2 to Strengthen Cybersecurity: Approaches an Airline and Transferability to Companies in the Energy Sector Jochen Wargulski , Business Manager - IT-Security & Privacy Consulting, Lufthansa Industry Solutions AS GmbH	

NEW ENERGY SYSTEMS FORUM | WEDNESDAY

February 21, 2024 | 10:00 – 17:00 | Hall 1

→	URBAN ENERGY TRANSITION: AI AS A TRAILBLAZER FOR SUSTAINABLE URBAN DEVELOPMENT	→	THE 600 BILLION EURO QUESTION: HOW CAN THE ENERGY INDUSTRY TRANSFORMATION BE FINANCED?
🕒	15:00 – 16:00 	🕒	16:00 – 17:00 
15:00	AI, Technology and Innovation for Smart Cities Pierre Adrian Filohn , <i>Head of Global Organizational Development, BABLE</i>	16:00	The 600 Billion Euro Question: How Can the Transformation of the Energy Industry Be Financed? Ingbert Liebing , <i>Managing Director, Verband kommunaler Unternehmen e. V. (VKU)</i> Andreas Meyer , <i>Head of Taxes, Finance and Public Baths, Verband kommunaler Unternehmen e. V. (VKU)</i> Tim Junghans , <i>Head of Corporate Clients Energy Industry, NORD/LB, Norddeutsche Landesbank Girozentrale</i> Apostolos Tsalastras , <i>First Alderman and City Treasurer of the City of Oberhausen/Chairman of the Finance Committee of the Association of Cities of North Rhine-Westphalia</i> Andrea Vogt , <i>Managing Director, Stadtwerke Troisdorf GmbH</i>
15:20	Buildings of the Future: Automation, Energy Efficiency and Sustainable Planning Uwe Fischer , <i>Head of Information Management, Stadtwerke Leipzig GmbH</i> Michael Aechtler , <i>Head of Innovation Services, Drees & Sommer</i> Kadir Mourat , <i>Team Lead - Data & AI - Energy Networks, E.ON</i>		




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UNTERNEHMEN e.V.

NEW ENERGY SYSTEMS FORUM | THURSDAY

February 22, 2024 10:00 – 15:00 Hall 1

CEO MEETS STUDENT

10:00 – 11:00 

Energy Transition and Current Challenges

As part of the Career Day, students discussed with top managers of the industry. In this slot, visitors experienced different perspectives on the energy transition.


Host: Melanie Peschel, CEO, Tracemaker Strategie- und Kommunikationsberatung

Panelists:

Dr. Gerhard Holtmeier, CEO, DEW21 - Dortmunder Energie- und Wasserversorgung GmbH

Maria Nothelle, student in energy and water management, Hochschule Ruhr West

HOW TO MARKET FLEXIBILITY? THE POWER OF BATTERY STORAGE

11:00 – 12:00 


11:00 **The International Flexibility Market - What Would the Ideal Market Look Like to BESS Assets?**

Euan Killengray, Commercial Analyst, KrakenFlex

11:30 **Unlocking Grid Potential: The Power of Storage-as-a-Transmission Asset (SATA)**

Admir Duracak, Senior Sales Manager BESS, Fluence Energy

STORAGE IN THE ENERGY SYSTEM: HOW TO ACHIEVE COMPREHENSIVE INTEGRATION

12:00 – 14:00 

12:00 **Requirements for a European and German Legal Framework for Storage Solutions**

Michael Hill, Partner, insight PartG mbB

12:30 **Storage Can Do More Than Peak Load Capping. How Industrial Companies Can Use Battery Storage to Significantly Reduce Electricity Costs and Benefit From Multi-Market Optimization**

Julian Brucker, Business Development - Product Manager Battery Storage, Energy2market GmbH


13:00 **Commissioning and Operation of Battery Storage Systems Using AI-Supported Analytics Software**

Dr. Markus Mühlbauer, Technical Solution Engineer, TWAICE Battery Analytics Software

13:30 **How to Unlock the Potential of 24/7 Renewable Power With Long Duration Energy Storage (LDES)?**

Jan Andersson, Director, Global Market Development, Sumitomo

E-MOBILITY: NEW PATHS FOR INFRASTRUCTURE AND PRICING

14:00 – 15:00 

14:00 **Why Standardized Open Source Software Can Change EV-Charging for the Better**

Dr. Marco Möller, CEO, PIONIX





14:30 **Dynamic Prices in Electromobility - How Charging Infrastructures Contribute to 100% Renewables**

Dr. Hans Henning Thies, Head of Business Unit Development, GP JOULE Connect GmbH

Tobias Weishaupt, Head of Marketing and Sales, GP JOULE Plus

CHANGE FORUM | TUESDAY

February 20, 2024 | 10:00 – 17:00 | Hall 4

→	IT-SECURITY: SPOTTING AND PREVENTING CYBER ATTACKS ON CRITICAL INFRASTRUCTURES (KRITIS)
🕒	10:00 – 11:30  
10:00	Energy Sector in the Crosshairs: The Growing Threat of Digital Attacks & Effective Protection Measures <i>Lisa Fröhlich, Company Spokeswoman, Link11</i>
10:30	Attack Detection Systems: I Know What You Set Up Last Summer <i>Arnold Krille, Strategic Sales Manager, genua GmbH</i> <i>Jörg Bachmann, Key Account Manager, NETCOM CS GMBH</i>
11:00	Lessons From the War in Ukraine and the Baltic Cyberspace: How Can IT Architecture Help Strengthen the Defenses? <i>Michael Coulten, Business Development Lead, Navitasoft Zrt.</i>
→	TOGETHER FOR A NEW ENERGY SYSTEM: STARTUPS & CORPORATES SHAPING THE ENERGY TRANSITION IN A COLLABORATIVE EFFORT
🕒	11:30 – 13:25 
11:30	Introduction <i>Felix Krause, General Partner, Vireo Ventures</i>
11:45	Pitches <i>EnExpert, Julian Somnavilla, Co-Founder Synergi Solutions Oy, Antti Hämmäinen, CEO FLEXeCharge, Max Brandt, Co-Founder & CEO Granular Energy, Pal Habsburg-Lothringen, Commercial Manager RABOT Charge, Konrad Schade, Chief Commercial Officer Exnaton AG, Sophia Seidler, Key Account Manager Germany Reverion GmbH, Aida Fernández HeatVentors, Christoph Thomas Levl Energy GmbH, Hauke Lapschies, CEO & Co-Founder volytica diagnostics, Max Vorhauer, Product Manager ACCURE Battery Intelligence GmbH, Georg Angenendt, CTO</i>
13:00	Vireo Ventures <i>Felix Krause, General Partner, Vireo Ventures</i>
→	I / O ETF: EFFICIENT & EFFECTIVE STARTUP COLLABORATION
🕒	13:25 – 15:30 
13:25	Rules of the Game for Data – How the Energy Domain Is Helping To Set Up the German Government's New Data Institute <i>Linda Babilon, Project Manager at dena for the Energy @ Data Institute division</i>

13:35 **Welcome MWIKE NRW**
Silke Krebs, State Secretary

13:40 **Cooperation Between Municipal Utilities and Start-Ups: A Procurement Law Nightmare?**
Host: *Clemens Pompej, venclj GmbH*

Panelists:

Christoph Sommer, Innovation Manager, NEW Spark (VCU der NEW AG)

Nicolas Sommer, COO, Urbio

René Boehm, Senior Expert, Start-ups and Innovation, SET

Ilan Momber, Co-Founder, onu

14:30 **Kritis vs. Cyber Security: What the Hack?**
Host: *Clemens Pompej, General Manager, venclj GmbH*


Panelists:

Ralf Werner, CIO/CDO, OGE

Friederike Wenderoth, Team Lead Energy - Infrastructure, dena

Martin Braun, Managing Director, Rimian

→ **SMART GRIDS FOR THE ENERGY TRANSITION: THE KEY TO A CLIMATE NEUTRAL GRID IS DIGITALIZATION**

🕒 15:30 – 17:00 

15:30 **Taxes via the SMGW – Status Quo & Perspective**
Marco Sauer, Head of Business Development & Regulation, Theben Smart Energy

15:50 **Effects of RDP 3.0 on Low-Voltage Control Technology**
Jörn Fischer, Sales Manager, VIVAVIS AG

16:10 **Use of a Fleet of Digital Twins of Power Transformers To Optimize and Flexibilize Grid Management With a High Proportion of Volatile Energy Sources**
Bastian Fischer, Head of Software Development TESSA® APM

16:20 **Digital Twin for Monitoring Cables in Operation**
Dan Keller, Head of Monitoring Solutions, HIGHVOLT Prüftechnik Dresden GmbH

16:30 **Digital Twins and Data Rooms for Efficient Grid Planning and Operation**
Stefan Kilb, Director Industrial Affairs, Schneider Electric GmbH

16:40 **Discussion and Q&A Session Digital Twin**



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CHANGE FORUM | WEDNESDAY

📅 February 21, 2024

🕒 10:00 – 17:00

📍 Hall 4

➔ INTERNATIONAL NET-ZERO PATHWAYS IN A TURBULENT GLOBAL CONTEXT

🕒 10:00 – 12:00



10:00 Opening and Welcome

Katia Schubert, Consultant, System Management Grids Brauweiler, Products and Cooperation Congestion Management, Amprion GmbH

10:10 Impulse – How Can We Make Sure We Meet Our Net-Zero Goals – in Germany, Europe and Globally?

Carsten Rolle - Executive Director, World Energy Council - Germany

10:40 5-Minute Pitches - The Power of Innovation

Sridhar Thatikonda, World Energy Council Member & Co-Founder, SunPlower Propeller

Wei Wu, SET Award Winner 2023, Category 'Industry' Co-Founder and Strategy & Operations, Heatrix

Norbert Dischinger, Co-Founder Heatrix

Paul Peterreit, Founder, Celsius Climate Solutions

Mathilde de Maizière, Business Development, WE LOVE ENERGY

Pavani Aysola, Co-Founder & CEO, Gridty

Thomas Kec, Co-Founder & CTO, Gridty

11:10 Moderated Discussion Round With All Presenters

11:55 Wrap-Up



PARTNER



➔ MUNICIPAL HEAT PLANNING IN PRACTICE – CAN THE WPG BE IMPLEMENTED IN COMPLIANCE WITH THE LAW?

🕒 12:00 – 13:00



Juliane Hauskrecht, Managing Director, con | energy consult gmbh

Philipp Melzer, Manager, con | energy consult gmbh

➔ THE FUTURE OF LOCAL ENERGY SUPPLY

🕒 13:00 – 14:00



13:00 Welcome and brief introduction

Host: Dirk Filzek, House of Energy e.V., Wissenstransfer

The future of local energy

Alexander Nikolov, Fraunhofer IEG, Head of Heat Networks 4.0

Changing legislation for local energy supply

Ulf Jacobshagen, Becker Büttner Held, Lawyer and Partner

Best Practice in Denmark

Andre Kunigk, Danfoss, Sales Driver District Energy

Brian Seeberg, Project Zero Sønderborg, CEO

Panel Discussion

End & Opportunity to network at the House of Energy booth on the "genesis" project



PARTNER

House of Energy

CHANGE FORUM | WEDNESDAY


February 21, 2024 | 10:00 – 17:00 | Hall 4

🕒	📍	🕒	📍
👉	DECIPHERING ENERGY TRANSITION	👉	CSRD: MAKING SUSTAINABILITY TRANSPARENT - TECHNIQUES, SOLUTIONS AND ADVANTAGES
🕒	14:00 – 15:00	🕒	15:30 – 17:00
			
14:00	Introduction to Chartis Mark Tredway, <i>Marketing Director, Chartis Research</i>	15:30	Guarantees of Origin - Perspectives from 10 Years of Enforcement and Research Martin Berelson, <i>Specialist area "Guarantee of origin register for electricity from renewable energies", Umweltbundesamt</i> Christian Herforth, <i>Researcher, UBA</i>
14:05	Modelling and Pricing through the Energy Transition: What does Evolution in the Past Tell us about the Future Sidhartha Dash, <i>Chief Researcher, Chartis</i>	16:00	Why CSRD Cannot Be Fulfilled by Marketing Goldy Raimann, <i>Senior Sustainability Manager, ASEW Gbr</i>
14:20	Panel Discussion on Market Structure for Power and Energy Transition Sidhartha Dash, <i>Chief Researcher, Chartis</i> Andre Jaeger, <i>Senior Vice President, ION</i> Chris Regan, <i>Managing Director: Short-Term Power Trading, Brady</i> Anders Bilde, <i>Senior Portfolio Manager, Centrica</i>	16:30	Commonalities, Differences, Approaches to Solutions in the Implementation of CSRD in the Energy and Airline Industry Stephanie Hackenholt, <i>Business Manager Sustainability, Lufthansa Industry Solutions AS GmbH</i>
14:40	Beyond Electrification: Markets for Heavy Industries and Energy Sidhartha Dash, <i>Chief Researcher, Chartis</i> Giuseppe Mascolo, <i>Business Director FX & Commodity Solutions, Edison SpA</i> Latif Faiyaz, <i>Head of Energy Trading & Strategy, Northern Gas and Power</i>		
15:00	Reception		

CHANGE FORUM | THURSDAY

February 22, 2024 10:30 – 15:00 Hall 4

PODCAST STAGE

10:30 – 15:00 

10:30 enPower – Germany on the Way to Climate Neutrality 2045

Julius Wesche, Energy Transition Researcher at NTNU, Co-Host enPower Podcast

Markus Fritz, Research Associate at Fraunhofer Institute for Systems and Innovation Research ISI, Co-Host enPower Podcast

Guest:

Stefan-Jörg Göbel, CEO, Statkraft Germany GmbH



PARTNER



11:30 "Entschieden Nachhaltig. The DKB-Podcast For a More Sustainable Economy" live at E-world

Florian Dietsche, DKB-Sustainability Expert, DKB Deutsche Kreditbank AG, Co-Host Entschieden Nachhaltig

Carolin Achilles, PR & Communications Manager, DKB Deutsche Kreditbank AG, Co-Host Entschieden Nachhaltig

Guest:

Dr. Mathias Onischka, Head of Sustainability, MVV Energie



PARTNER



12:00 Irgendwas mit Energie – Live@E-world

Christian Seelos, Editor-in-Chief energate gmbh, Co-Host "Irgendwas mit Energie"

Karsten Wiedemann, Editorial Director energate gmbh, Co-Host "Irgendwas mit Energie"

Guests:

Susanne Fabry, Network Director, Rheinenergie AG

Daniel Mercer, Commercial Managing Director of Storengy Deutschland GmbH



PARTNER



13:00 YEP - Young Energy Podcast

Marlen Sunnyi Bohne, Project Manager at the OFFSHORE-WINDENERGIE Foundation, Host Young Energy Podcast

Guests:

Milan Niehaus, Head of Product Management Secondary Technology, Westnetz GmbH

Dr. Luis-Martin Krämer, Head of Strategy and Business Development, e-regio GmbH & Co. KG.



PARTNER



14:00 Redispatch

Serafin von Roon, Managing Director at FfE, Co-Host Redispatch

Philipp Hench, Scientist and consultant in the energy transition, Co-Host Redispatch

Guest:

Dr. Frank-Detlef Drake, Lecturer at the RWTH Aachen University, Managing Director (EON Energy Research Center GmbH)



PARTNER



FUTURE FORUM | TUESDAY

February 22, 2024 10:00 – 18:00 Hall 5

→ ALL ELECTRIC SOCIETY

🕒 10:00 – 13:00 

10:00 **Discussion "All Electric Society"**
Alexander Nollau, Head of Department Energy, DKE
Jörg Seiffert, Codes & Standards Manager, Uniper
Jörg Schmidtke, Director Business Development, VIVAVIS GmbH

11:00 **Electrolysis Grid-Compatible Integration**
Dr. Florian Lessing, Expert Hydrogen Technologies, VDE

11:30 **Hybrid Battery Storage Solutions - InterSTORE**
Prof. Antonello Monti, Institute for Automation of Complex Power Systems, RWTH Aachen and Fraunhofer Center for Digital Energy

12:00 **Shaping Tomorrow's Grid: Digital Solutions for Decentralized Redispatch**
Prof. Dr. Jens Strüker, Deputy Scientific Director Core Competence Center Finance & Information Management and Department of Information Systems of Fraunhofer FIT

12:30 **Grid/Secured – Safe Infrastructure for Smart Grids**
Frank Borchardt, Digitalisierung und Metering, Forum Netztechnik/Netzbetrieb im VDE (FNN)

 PARTNER

VDE

→ 360° ELECTRICITY SECURITY CONCEPT

🕒 13:00 – 14:00 

Elad Shaviv, Head Of Business Development Unit, Israel Electric Corporation

→ EUROPEAN ENERGY SUPPLY - CLEAN, AFFORDABLE AND SAFE?

🕒 14:00 – 15:00 

Host: Dr. Roman Dudenhausen, CEO, con | energy ag

Panelists:

Simon Morrish, CEO, Xlinks

Peter Heydecker, Executive Director Trading, EnBW AG

Laurent Vivier, Senior Vice President Trading Power, TotalEnergies

→ REAL ESTATE INDUSTRY AS A PROSUMER AND FLEXIBLE CONSUMER IN THE ELECTRICITY MARKET

🕒 15:00 – 16:00 

Host: Wolfgang Saam, Head of Department Climate Protection, Energy Policy and Sustainability, ZIA Zentraler Immobilien Ausschuss e.V.

Panelists:

Dr. Ernesto Garnier, CEO & Founder, EINHUNDERT Energie

Meike Müller-Forte, Head of Strategic Energy Management, Siemens Real Estate

Dr.-Ing. Henning Schuster, Managing Director, E-Bridge Consulting

Lothar Stanka, Head of Energy Services and Digital Customer Solutions, Mainova

Sabrina Strauch, Business Development, Goodman Germany



Julia Ward, Team Lead Energy Berlin, Vonovia



PARTNER



→ CATALYSING COOPERATION: GERMANY AND THE NETHERLANDS IN THE GLOBAL HYDROGEN ECONOMY

🕒 16:00 – 18:00  

16:00 **Kerstin Andreae**, CEO, Bundesverband der Energie und Wasserwirtschaft e.V.

Dr. Jörg Bergmann, CEO, Open Grid Europe

Tim Meyerjürgens, Chief Operating Officer, TenneT

Roger Miesen, CEO, RWE Generation SE

Cora Van Nieuwenhuizen, Chairwoman, Energie-Nederland

17:00 **Get-together at the invitation of the BDEW**





PARTNER



FUTURE FORUM | WEDNESDAY

February 21, 2024 | 10:00 – 17:00 | Hall 5

<p>→ EXPLORING GREEN INNOVATION AND INDUSTRY ADVANCEMENTS FROM SWEDEN</p>	<p>→ EUROPEAN PERSPECTIVES ON SMART METERING</p>
<p>🕒 10:00 – 11:30 </p>	<p>🕒 11:30 – 13:00 </p>
<p>10:00 Sweden's Contribution to a Global Sustainable Transition Ludvig Lindström, Senior Advisor International Markets, Swedish Energy Agency</p>	<p>11:30 Introduction Tomas Llobet, Managing Director, ESMIG</p>
<p>10:10 Accelerating Industry Collaboration Per Andersson, Head of Secretariat, LeadIT, Leadership Group for Industry Transition</p>	<p>11:35 Keynote Luis Goncalves, ESMIG President and CEO at Iskraemeco</p>
<p>10:30 The Swedish Innovation Ecosystem Sasan Shaba, COO & Director International Cooperation, Ignite Sweden</p>	<p>11:45 Completing the Smart Meter Roll-out in Europe and Germany Kai-Olaf Kruse, Senior Business Advisor, Neugemacht Thomas Weisshaupt, Regional Head Energy Markets, Wirepas Tommi Blomberg, CEO, Aidon Alexander Perka, Regional Sales Manager, Apator SA</p>
<p>10:55 Snapshots of Swedish Innovations</p>	<p>12:20 Unlocking Data for Market Participants to support the Energy Transition René Böringer, CEO, Cuculus Jason Humphries, Operation Director International, Sense Michal Mika, Executive Director, Logarex</p>
<p>11:15 Fireside Discussion Host: Ninni Löwgren Tischer, Head of Market Entry & Business Development, German Swedish Chamber of Commerce Panelists: Erik Förster, Teamlead Industry, Deutsche Energie-Agentur GmbH (dena) Verena Falb, Head of International Cooperation, NRW. Energy4Climate Michael Bez, Senior Manager Portfolio, EnBW</p>	<p>12:45 Q&A and Consultions</p>
<p> PARTNER  Tysk-Svenska Handelskammaren Deutsch-Schwedische Handelskammer </p>	<p> PARTNER </p>

FUTURE FORUM | WEDNESDAY

📅 February 21, 2024

🕒 10:00 – 17:00

📍 Hall 5

➔ BEHIND-THE-METER-FLEXIBILITY: BETWEEN POTENTIAL AND REALITY

🕒 13:00 – 15:30



13:00 Welcoming and Introduction

Céline Pizzotti, Deputy Managing Director, French-German Office for the Energy Transition

Sarah Jilibert-Schabram, Deputy Managing Director, French-German Office for the Energy Transition

13:10 Regulatory Requirements for the Expansion of Smart Meters

Dr. Simon Köppl, Head of Real-World Laboratories and Electromobility, Research Centre for Energy Economics (FfE)

Caroline Goupil, Lawyer, BCTG Avocats

Dr. Liane Thau, Attorney at Law, GÖRG Partnerschaft von Rechtsanwälten mbB

14:10 Macroeconomic Potential and Microeconomic Business Realities

Martina Schusterova, Acting Secretary General, Council of European Energy Regulators (CEER)

Maxime Cassat, Deputy delegate for grid connection Paris, Enedis

Veronika Brandmeier, Head of Corporate Strategy, The Mobility House

Holger Schneidewindt, Lawyer and consultant on energy law, Consumer Advice Center North Rhine-Westphalia

15:30 Get-Together

🤝 PARTNER



➔ FROM THE SMART METER TO A SMART GRID: DATA IN GRID MANAGEMENT

🕒 15:30 – 17:00



15:30 Startups in the Energy Industry

Host: Christofer Bingener, Speaker Startups, Bitkom

Panelists:

Robert Quick, Co-Founder & COO, trawa

Manuel Schneider, Co-Founder, Reonic GmbH

Jens Werner, Technical Managing Director & Co-Founder, DieEnergiekoppler GmbH

Dennis Schulmeyer, Founder & CEO, LADE GmbH

16:15 From Smart Meter to Smart Grids: Data in the Energy Industry

Host: Felix Janssen, Consultant Energy & Smart Grids, Bitkom

Panelists:

Kadir Mourat, Team Lead Data & AI – Energy Networks, EON Digital Technology GmbH

Carsten Berther, Co-Founder and Board Member, Kiwigrid GmbH

Thomas Wolski, Head of Marketing & Product Management, Power Plus Communications AG

Ashok John, Associate Partner Energy & Utilities, IBM Consulting Deutschland

Kadir Mourat, Team Lead Data & AI – Energy Networks, EON Digital Technology GmbH




PARTNER

bitkom

FUTURE FORUM | THURSDAY

February 22, 2024 10:00 – 15:00 Hall 5

HANDS-ON PROFESSIONS IN THE ENERGY SECTOR: HOW TO MOTIVATE YOUNG TALENTS FOR THE ENERGY TRANSITION

10:00 – 11:00 


Matthias Heidmeier, CDU, State Secretary, Ministry of Labor, Health and Social Affairs

Leon Trippel, Initiator & Co-Lead, Ohne Hände keine Wende (OHKW)

Christian Schweizer, Managing Director, Prototype.Club

Claus Urbanke, VP Wind, Solar & Storage Development, Statkraft

WHY THE ENERGY INDUSTRY? WHAT MAKES THE INDUSTRY ATTRACTIVE FOR YOUNG TALENTS?

11:00 – 11:30 

11:00 **Welcome**

Why the Energy Industry? What Makes the Industry Attractive for Young Talents?

Host: Christian Haag, Managing Director, H+H Architekten und Ingenieure GmbH


Panelists:

Vera Gramkow, Head of Talent, Learning, Wellbeing and Inclusion, Open Grid

Laura Schäfer, Head of Human Resources, Encavis AG

Andy Fuchs, Employer Branding Manager, Uniper SE

SUSTAINABLE PERSPECTIVES FROM ICELAND

11:30 – 13:00 

11:30 **From Iceland to the World:**

Sustainable Solutions for Global Impact

Nótt Thorberg, Director, Green by Iceland

Arna Pálsdóttir, Innovation Leader, Reykjavík Energy

Margrét Lilja Hrafnkelsdóttir, Business Development, ON Power

Anna Ingvarsdóttir, Chemical Engineer, Verkís

Eyrún Linnet, CTO & Co-founder, Snerpa Power

12:30 Empowering the Future: How the Nordics are Paving the Way Towards a Just and Sustainable Energy Transition

Host: Nótt Thorberg, Director, Green by Iceland

Panelists:

Margrét Lilja Hrafnkelsdóttir, Business Development, ON Power

Íris Baldursdóttir, CEO & Co-Founder, Snerpa Power

Verena Svensson, Head of strategy and sustainability, Stadtwerke Düsseldorf


Haukur Þór Haraldsson, Business Development, Verkís



PARTNER

**Green by
Iceland**

CEO MEETS STUDENT

13:00 – 14:00 

Acceptance of the Energy Transition

As part of the Career Day, students discussed with top managers of the industry. In this slot, visitors experienced different ideas how to (re)gain acceptance for the energy transition.

Host: Melanie Peschel, CEO, Tracemaker Strategie- und Kommunikationsberatung


Meet the Panelists:

Stefan-Jörg Göbel, Geschäftsführer, Statkraft Germany GmbH

Daniel Mendes Jenner, Leuphana University Lüneburg

Elias Sailer, Karlsruhe Institute of Technology

KNOWLEDGE IS POWER - ATTRACTING TALENT AND RETAINING KNOWLEDGE IN COMPANIES

14:00 – 15:00 

14:00 **Attracting and Retaining Talent in the Long Term**
Frank Endreß, Seminar Leader, PALLAS-Seminare

14:30 **The Underestimated Role of Structured Offboarding
in the Energy Industry: Potentials and Solutions for
Securing Knowledge and Processes**

Yvonne Wilke, Founder and Consultant, Produkte-Prozesse-Wilke

HYDROGEN SOLUTIONS FORUM | TUESDAY



February 20, 2024 10:00 – 17:00 Hall 5

→	ACCELERATING THE RAMP-UP OF THE HYDROGEN ECONOMY: WHERE DO WE STAND?
🕒	10:00 – 11:00 
10:00	Market development of hydrogen - the H2 market index Tilman Wilhelm , Head of Regulatory Policy, Press and Public Relations, DVGW
10:20	Practical changeover - with 100% hydrogen in the grid to the end customer in Hohenwart, Bavaria Dr. Elke Wanke , Head of Renewable Gases & Hydrogen Officer of the ESB Group, Energie Südbayern Group
10:40	Hydrogen imports - how much, from where, in on what costs? Dr. Stefanie Schwarz , Head of Science Communication, DVGW Christiane Staudt , Projektingenieurin DVGW-Forschungsstelle, Engler-Bunte-Institut des KIT
	PARTNER
	
→	RESET IN THE HEATING MARKET - HOW IS THE CHP INDUSTRY POSITIONING ITSELF?
🕒	11:00 – 12:30 
11:00	Reset in the heating market - How is the CHP sector positioning itself? John Werner , Head of Corporate Development & Strategy, Authorized Representative, Zukunft Gas e.V.
11:05	Sector coupling of electricity and heat: CHP as the perfect complement to renewables Claus-Heinrich Stahl , President, Bundesverband Kraft-Wärme-Kopplung e.V. (B.KWK)
11:20	Hydrogen & municipal heat planning Bernward Haller , Vice President New Commodity Development, Uniper Energy Sales GmbH
11:35	H₂-Readiness - Where does CHP stand? Dr. Klaus Payrhuber , Strategic Product Development Manager, INNIO Group

11:50	Panel discussion Host: John Werner , Head of Corporate Development & Strategy, Authorized Representative, Zukunft Gas e.V. Panelists: Claus-Heinrich Stahl , President, Bundesverband Kraft-Wärme-Kopplung e.V. (B.KWK) Bernward Haller , Vice President New Commodity Development, Uniper SE Dr. Klaus Payrhuber , Strategic Product Development Manager, INNIO Jenbacher GmbH & Co OG Dr.-Ing. Nurettin Tekin , Hydrogen Product Manager, KAWASAKI Gas Turbine Europe GmbH
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PARTNER
**ZUKUNFT
GAS**

→	FROM STRATEGY TO MARKET: DESIGNING THE HYDROGEN MARKET
🕒	12:30 – 13:30 
12:30	The Roadmap to an International Market: Unifying Diverse Global Hydrogen Strategies Michał Żuk , Hydrogen Analyst, LSEG
13:00	First Findings From the HyStorage Project and Future Market Design for Natural Gas and Hydrogen Storage Michael Schmöltzer , Head of Business Support & Office Austria, Uniper Energy Storage GmbH Christian Kosack , Lead of Competence Center Storage Integrity
→	AMMONIA: INNOVATION FOR HYDROGEN TRANSPORT
🕒	13:30 – 14:30 
13:30	Green Ammonia in the Hydrogen Economy: Opening Doors for Global Trade Wiebke Permin , Lead Market Developer Power-to-X, Topsoe Germany GmbH
14:00	Shaping the Low Carbon Ammonia Market and Enabling the Integrated NH₃ Value Chain Saravanan Manivel , Director Low Carbon Fuels, ENGIE Global Energy Management & Sales

HYDROGEN SOLUTIONS FORUM | TUESDAY

📅 February 20, 2024 ⌚ 10:00 – 17:00 📍 Hall 5

➔ HOW TO DECARBONIZE THE INDUSTRY? BETWEEN ELECTRIFICATION AND HYDROGEN

🕒 14:30 – 16:00



14:30 **Decarbonizing Industry With Green Hydrogen: Is It Feasible Until 2030?**

Dr. Moreno de Respinis, *Business Developer - Hydrogen
and Alternative Fuels lead NL, Arcadis*

15:00 **Heat Storage for Industry Made Easy: Practical Knowledge on Technology, Implementation and Commercial Projects**

Mareike Schumm, *Head of Marketing & Communica-
tion, Energynest*

15:30 **Hydrogen Systems – Placing on the Market and Operation**

Thomas Fuhrmann, *Global Business Field Coordinator,
TÜV Rheinland Service GmbH*

➔ HOW DOES THE HYDROGEN RAMP-UP SUCCEED FROM A PLANT ENGINEERING PERSPECTIVE?

🕒 16:00 – 17:00



11:00 **Host: Gerd Krieger**, *Deputy Managing Director at VDMA Power Systems*

Panelists:

Klaus Payrhuber, *Strategic Product Development
Manager at INNIO Jenbacher GmbH & Co OG*

Christoph Schütte, *Managing Director at Siemens
Energy*

Sven Sautter, *Director Sales PEM Electrolysis at Robert
Bosch GmbH*




PARTNER



HYDROGEN SOLUTIONS FORUM | WEDNESDAY

February 21, 2024 10:00 – 17:00 Hall 5

GREEN HYDROGEN – BUT WHERE FROM? PERSPECTIVES ON LOCAL CAPACITY BUILDING AND IMPORTS

10:00 – 12:00 

10:00 **Introduction and short presentations by the panel guests**

Host: Dr. Håvard Nymoen, Tagueri AG

Hanno Balzer, Head of Energy Management, HH2E

Dr. Timm Kehler, Chairman, Zukunft Gas e.V.

Jörg Selbach-Röntgen, CEO, MET Germany GmbH

Philipp Kroepels, Director New Energy, Mabanaft GmbH & Co KG

11:00 **Panel Discussion**

TRANSHYDE - INNOVATIONS TOWARDS AN EFFICIENT GREEN HYDROGEN STORAGE AND TRANSPORT INFRASTRUCTURE

12:00 – 13:00  

Hydrogen – A Challenge for Determining the Gas Quality

Dr. Achim Zajc, General Manager, Meter-Q Solutions GmbH

Intelligent Pigging for H₂ pipelines

Michael Tewes, Head of Business Line Advanced Pipeline Diagnostics, Rosen Germany GmbH

State of the Art in the Qualification of Metallic Materials for Hydrogen Technologies

Tomás Freitas, Research Assistant, Federal Institute for Materials Research and Testing

Design of Lightweight High Pressure Hydrogen Storage Tanks

Prof. Dr.-Ing. Holger Seidlitz, Division Director of Polymeric Materials and Composites PYCO | Department of Polymer-Based Lightweight Construction at BTU Cottbus - Senftenberg, Brandenburg University of Technology Cottbus - Senftenberg and Fraunhofer Institute for Applied Polymer Research IAP

The Use of LOHC Technology Within the TransHyDE Project Helgoland


Dominik Bruckner, Manager Strategic Analytics and Modeling, Hydrogenious LOHC Technologies GmbH

 PARTNER

 Leitprojekt
TransHyDE

GEFÖRDERT VOM
 Bundesministerium
für Bildung
und Forschung

HYDROGEN MARKETS: DIGITALIZATION, BUSINESS MODELLS AND DEVELOPMENT

13:00 – 14:30 

13:00 **PANEL: Accelerating the Market Take-Off of the Hydrogen Economy with Digitalized Processes**

Host: Frank Preißler, Senior Account Manager, adesso SE

Panelists:

David Bennek, Team Manager, adesso SE

Wolfgang Weber, Principal Consultant, adesso SE

Christian Blank, Managing Consultant, adesso SE

14:00 **What Business Models Does Hydrogen Offer? Market Development and Application Examples in the Different Sectors.**

Johannes Kuhn, Team Leader Sector Coupling and H2 Infrastructure, EMCEL GmbH

HYDROGEN SOLUTIONS FORUM | WEDNESDAY

📅 February 21, 2024

🕒 10:00 – 17:00

📍 Hall 5

➔ **STANDING THE HEAT: DECARBONISING GERMAN ENERGY INTENSIVE BUSINESSES USING HYDROGEN SOLUTIONS**

🕒 14:30 – 15:30



14:30 **Welcome Address**

Dr. Aljoscha Frede, *Corporate Ecosystem, H2UB*

14:40 **Decarbonizing German energy intensive businesses using hydrogen solutions**

Dr. Aljoscha Frede, *Corporate Ecosystem, H2UB*

Janos Breuer, *Managing Consult, evety GmbH*

Markus Hagedorn, *Partnership Development & Sales Manager, TES*

➔ **UK – GERMAN HYDROGEN COOPERATION – THE ROLE OF TRADE, INVESTMENT AND INDUSTRIAL COLLABORATION**

🕒 15:30 – 17:00



15:30 **Welcome**

Nick Russell, *British Consul-General Düsseldorf*

15:35 **Introduction to the UK-DE hydrogen partnership**

Joshua Lawrence, *Head of Hydrogen, Low-carbon Heat, & CCUS, Department for Business and Trade*

Sophie Sauerteig, *Senior Policy Advisor, International Hydrogen Engagement, Hydrogen & Industrial Carbon Capture Directorate, Department for Energy Security and Net Zero*

15:45 **German hydrogen demand – NRW perspective**

Verena Falb, *Head of International, NRW.Energy4Climate*

15:50 **Panel discussion**

Celia Greaves, *CEO, UK Hydrogen Energy Association*

Dr. Chris Manson-Whitton, *CEO, Progressive Energy*

Jasmin Kaboni-Voit, *Director Regulatory & Subsidy Management Hydrogen, RWE Generation SE*

Meinolf Otto, *Senior Business Executive, Scottish Development International*

Kavita Ahluwalia, *SVP Governmental Relations International, Corporate Communication and Governmental Relations, Uniper*

Chris Wright, *Hydrogen Senior Development Manager, Centrica*

16:40 **Q&A**




PARTNER



Department for
Business & Trade

HYDROGEN SOLUTIONS FORUM | THURSDAY

📅 February 22, 2024 | 🕒 10:00 – 15:00 | 📍 Hall 5

<p>➔ MARKET DESIGN: HOW TO SHAPE THE FUTURE GLOBAL H₂ MARKET?</p> <p>🕒 10:00 – 11:30 </p>	<p>➔ HYDROGEN PRODUCTION AND LEGAL FRAMEWORK CONDITIONS</p> <p>🕒 13:30 – 14:30 </p>
<p>10:00 Hydrogen Guarantees of Origin Claudio Schwalfenberg, <i>Expert witness - Integrated systems, TÜV NORD EnSys GmbH & Co. KG</i></p>	<p>13:30 Modular Zero-Emission Solution and Green Hydrogen Production in Cuxhaven Robin Kleinschmidt, <i>Project Manager, ingenion</i></p>
<p>10:30 Are Low-Cost Hydrogen Imports From North Africa Realistic? Jake Stones, <i>Hydrogen Editor, ICIS</i> Alice Casagni, <i>gas insight editor, ICIS</i></p>	<p>14:00 Where are the FIDs - Hydrogen Frameworks and Developmental Challenges John Barry, <i>Vice President Development and Technology Hydrogen, Statkraft</i></p>
<p>11:00 Creating value from the IRA: Investment Opportunities and Challenges for Hydrogen and Low-Carbon Fuels in the US. Dieter Keller-Giessbach, <i>CRA International Inc.</i>, Drake Hernandez, <i>CRA International Inc.</i>,</p>	<p>➔ CEO MEETS STUDENT</p> <p>🕒 14:30 – 15:00 </p>
<p>➔ CEO MEETS STUDENT</p> <p>🕒 11:30 – 12:30 </p>	<p>Will the Market Sort It Out? Electricity Market Design Between Regulation and Free Competition</p> <p>As part of the Career Day, students discussed with top managers of the industry. In this slot, visitors experienced different perspectives on the future energy market design.</p> <p>Host: Silvana Tiedemann, <i>PhD candidate, Centre for Sustainability at the Hertie School of Business</i></p> <p>Meet the Panelists: Sven Becker, <i>CEO, Trianel GmbH</i> Benjamin Basara, <i>dual student, business administration with a focus on energy management, Universität Weserbergland</i></p>
<p>Financing and Affordability of the Energy Transition - How to Ensure the Acceptance of Society as a Whole?</p> <p>As part of the Career Day, students discussed with top managers of the industry. In this slot, visitors experienced different perspectives on the financing of renewable power plant, grids, storage etc.</p> <p>Host: Melanie Peschel, <i>CEO, Tracemaker Strategie- und Kommunikationsberatung</i></p> <p>Meet the Panelists: Marten Bunnemann, <i>CEO & CFO, Avacon AG</i> Eva Rath, <i>Master Student of Public Policy, Hertie School of Governance</i></p>	
<p>➔ HYDROGEN MOBILITY: REQUIREMENTS FOR COMPETITIVENESS</p> <p>🕒 12:30 – 13:30 </p>	
<p>12:30 HyPerformer Rhine-Ruhr – Boost for H₂ Mobility Jörn Kleinelütern, <i>HUB, Business Metropole Ruhr</i> Dr. Norbert Weritz, <i>Project Manager at Regionalverband Ruhr</i></p>	
<p>13:00 Green Hydrogen in Transport – How GHG Quota Trading Makes gH₂ Competitive David Pflegler, <i>Co - Founder & Managing Director GreenTrax, fairnergy & nectar</i></p>	


CAREER DAY | THURSDAY

📅 February 22, 2024 ⌚ 10:00 – 15:00 📍 All Expert Forums

NEW ENERGY SYSTEMS FORUM | HALL 1

➔	CEO MEETS STUDENT	
🕒	10:00 – 11:00	
	Energy Transition and Current Challenges	
	Host: Melanie Peschel , CEO, Tracemaker Strategie- und Kommunikationsberatung	
	Panelists:	
	Dr. Gerhard Holtmeier , CEO, DEW21 - Dortmunder Energie- und Wasserversorgung GmbH	
	Maria Nothelle , student in energy and water management, Hochschule Ruhr West	

CHANGE FORUM | HALL 4

➔	PODCAST STAGE	
🕒	10:30 – 15:00	
10:30	enPower	
11:30	Decidedly Sustainable. The DKB-Podcast Für a More Sustainable Economy	
12:00	Irgendwas mit Energie	
13:00	YEP - Young Energy Podcast	
14:00	Redispatch	

FUTURE FORUM | HALL 5


➔	HANDS-ON PROFESSIONS IN THE ENERGY SECTOR: HOW TO MOTIVATE YOUNG TALENTS FOR THE ENERGY TRANSITION	
🕒	10:00 – 11:00	
	Matthias Heidmeier , CDU, State Secretary, Ministry of Labor, Health and Social Affairs	
	Leon Trippel , Initiator & Co-Lead, Ohne Hände keine Wende (OHKW)	
	Christian Schweizer , Managing Director, Prototype.Club	
	Claus Urbanke , VP Wind, Solar & Storage Development, Statkraft	

➔	WHY THE ENERGY INDUSTRY? WHAT MAKES THE INDUSTRY ATTRACTIVE FOR YOUNG TALENTS?	
🕒	11:00 – 11:30	
11:00	Welcome	

11:05	Why the Energy Industry? What Makes the Industry Attractive for Young Talents?	
	Host: Christian Haag , Managing Director, H+H Architekten und Ingenieure GmbH	
	Panelist:	
	Vera Gramkow , Head of Talent, Learning, Wellbeing and Inclusion, Open Grid	
	Laura Schäfer , Head of Human Resources, Encavis AG	
	Andy Fuchs , Employer Branding Manager, Uniper SE	

➔	CEO MEETS STUDENT	
🕒	13:00 – 14:00	
	Acceptance of the Energy Transition	
	Host: Melanie Peschel , CEO, Tracemaker Strategie- und Kommunikationsberatung	
	Meet the Panelists:	
	Stefan-Jörg Göbel , Geschäftsführer, Statkraft Germany GmbH	
	Daniel Mendes Jenner , Leuphana University Lüneburg	
	Elias Sailer , Karlsruhe Institute of Technology	

➔	CEO MEETS STUDENT	
🕒	11:30 – 12:30	
	Financing and Affordability of the Energy Transition - How to Ensure the Acceptance of Society as a Whole?	
	Host: Melanie Peschel , CEO, Tracemaker Strategie- und Kommunikationsberatung	
	Meet the Panelists:	
	Marten Bunnemann , CEO & CFO, Avacon AG	
	Eva Rath , Master Student of Public Policy, Hertie School of Governance	

➔	CEO MEETS STUDENT	
🕒	14:30 – 15:00	
	Will the Market Sort It Out? Electricity Market Design Between Regulation and Free Competition	
	Host: Silvana Tiedemann , PhD candidate, Centre for Sustainability at the Hertie School of Business	
	Meet the Panelists:	
	Sven Becker , CEO, Trianel GmbH	
	Benjamin Basara , dual student, business administration with a focus on energy management, Universität Weserbergland	

CONTACT

WE ARE LOOKING FORWARD TO YOUR INQUIRIES

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