

## 24<sup>th</sup> International Conference on Renewable Mobility

SHAPING TRANSFORMATION – FULL STEAM AHEAD FOR RENEWABLES

18. – 19. January 2027 | CityCube Berlin



## Programme

Organisers:

**BBE** | BUNDESVERBAND Bioenergie e.V.

**BDB<sup>e</sup>** | Bundesverband der Bioethanol-Produzenten e.V.

**Fachverband BIOGAS**

**VDB**

Patron:



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Last update: 24.09.2026

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Shaping transformation – Full steam ahead for renewables  
10:00 – 12:45, ROOM A6

**PART 1 OF SESSION 1:  
NATIONAL PERSPECTIVES ON THE  
TRANSPORT ENERGY TRANSITION**

**Opening & Moderation:**  
Stefan Walter, German Bioethanol Industry Association (BDB<sup>e</sup>)

**Shaping transformation – Full steam ahead for renewables**  
Marlene Mortler, Chairwoman of the Board, German Bioenergy Association (BBE)

**Perspectives and policy actions for renewable fuels under the federal government's updated climate protection programme**  
Christian Hirte, Parliamentary State Secretary, Federal Ministry of Transport

**RED III and BEHG: Scenarios and Trade-offs**  
Prof Dr Christian Küchen, Trade Association Fuels and Energy e.V. (enzx)

**Round table I: Politics meets practice – Are current policy frameworks enabling the dynamic scale-up of renewable fuel markets?**

**PART 2 OF SESSION 1:  
EUROPEAN PERSPECTIVES ON THE  
TRANSPORT ENERGY TRANSITION**

**Moderation:**  
Stefan Walter, German Bioethanol Industry Association (BDB<sup>e</sup>)

**EU Biofuel Policies Post-2030: Latest Regulatory Developments**  
Xavier Noyon, European Biodiesel Board (EBB)  
**Support of EU Biofuels Policies for Transport Decarbonization**

Dr Theodor Goumas, EXERGIA Energy Environment Consultants S.A.

**Renewable Fuels Now and After 2030: Market Trends and Policy Directions**  
Jörg Hübel, Neste Oy

**Round table II: From RED II/RED III to RED IV – On the path to climate neutrality and greater energy security?**

12:45 – 14:00  
LUNCH & LEARN

2

Higher blends of renewable fuels for greater climate protection  
14:00 – 16:00, ROOM A6

**Moderation:**  
Elmar Baumann, German Biofuels Industry Association (VDB)

**Higher admixtures of renewable fuels for more climate protection**

Prof Dr Thomas Garbe, Volkswagen AG

**Practical use of B100 – what can Biodiesel achieve and what matters most?**  
Anna-Maria Koch, Cargill GmbH & Katharina Friedrich, AGQM Biodiesel e.V.

**Field experience with B100 in commercial vehicles and trucks**  
N.N.

**Higher bioethanol blends – global experience and lessons learned for Europe**  
Laurent Donceel, ePURE – European Renewable Ethanol Association

**Round table III: How can higher blending rates be achieved in the fuel market?**

16:00 – 16:45 COFFEE & CAKE – NETWORKING

16:45 – 17:15 Young talents competition  
The future starts now – young talents shape renewable mobility

**Moderation:**  
Christine Kroke, German Bioethanol Industry Association

**Physics-Informed DeepONet for Reverse Water-Gas Shift Reactor Modelling**  
Enzo Komatz, University of Leoben

**Test procedures for fuels intended for small and medium-sized engines – From chemical analysis to physical properties to emission behavior**

Niklas Nagel, Karlsruhe Institute of Technology (KIT)

**Real-world energy efficiency comparison of an FCEV prototype with a diesel reference tractor**  
Oliver Kattwinkel, University Bonn

3

MONDAY, 18.01.

The role of renewable fuels in strengthening energy security and resilience

17:15 – 18:45, ROOM A6

**Moderation:**  
Stephan Arens, BBE Executive Board and Union for the Promotion of Oil and Protein Crops (UFOP)

**Energy situation in Germany – implications for alternative fuels**

Prof Dr Frank Atzler, TU Dresden

**Global supply crisis – can renewable fuels contribute to market supply?**  
N.N.

**How e-fuels and biofuels can contribute to a secure and resilient energy supply in Germany**

Dr Michaela Unteutsch, Frontier Economics

**The role of liquid transport and heating fuels in ensuring a resilient energy supply**  
Ulbert Cornelius, Medium-sized Energy Industry Germany (MEW) & Independent Tank Storage Association (UTV)

19:15  
BIOENERGY RECEPTION  
at hub27 (Hall 27, Exhibition Centre)  
Free admission for all conference participants.



4A

The long way to e-fuels – Successes and challenges  
9:00 – 11:00, ROOM M1-M3

**Moderation:**  
Dr Franziska Müller-Langer, DBFZ German Biomass Research Centre gGmbH & Dr Tobias Block, eFuel Alliance e.V.

**The market potential of e-Fuels: Climate benefits and success factors for market ramp-up**

Dr Tobias Block, eFuel Alliance e.V.

**A Look at Real-World Practice – A Success Story**

Tomás Malango, Repsol

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**Cross-sector by demand Pooling: A pathway to scalable Power-to-X production**  
Felix Schmermer & Josphine Götze, PtX Lab Lausitz

4B

Strengthening bioethanol – Expanding blending, accelerating CO<sub>2</sub> reduction  
9:00 – 11:00, ROOM M4-M5

**Moderation:**  
Dr Jutta Rottke, German Bioethanol Industry Association (BDB<sup>e</sup>)

**E2o fuel in practice: Comparing E10 and E20**  
Prof Dr Thomas Heinze, University of Applied Sciences of Saarland (htw saar)

**Advanced bioethanol on non-agricultural land: How AXF energy plans to make E100 and SAF scalable for Europe**

Thomas Rogg, AXF Energy GmbH

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4C

Globally connected – Opportunities and risks in international trade with renewable fuels  
9:00 – 11:00, ROOM M6-M7

**Moderation:**  
Torsten Weidemann, German Bioethanol Industry Association (BDB<sup>e</sup>)

**The feed(chock) dilemma in the EU biofuel's policy**

Mahmoud Abdelrahman, SGS INSPIRE

N.N.

Tom Hughes, Fastmarkets

**Biomethane across borders: The evolution of trading opportunities and pricing**

Svea Winter, Argus Media

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4D

TUESDAY, 19.01.

From the lab to the road – Paths to advanced alternative fuels in practice  
9:00 – 11:00, ROOM M8

**Moderation:**  
Prof Dr Thomas Willner, Hamburg University of Applied Sciences (HAW Hamburg)

**Hydroprocessing of methanol-based heavy gasoline – Flexible blending components in future refineries**

Jonathan Rummel, Institute for Piston Machines, Karlsruhe Institute of Technology (KIT) & winner young talents award 2026

**Advanced alternative fuels for Europe's transport transition – Techno-economic and environmental assessment**

Dr Ralph-Uwe Dietrich, German Aerospace Centre (DLR)

**Hydrogen & CO<sub>2</sub> as future feedstock: resilient value chains for maritime methanol and SAF**  
Dr Armin Günther, Air Liquide Engineering & Construction

**Optimizing efficiency without high-voltage costs: practical refuel hybrid systems for Europe's technological sovereignty**  
Dr Andreas Kufferath, Bosch GmbH

11:00 – 11:30 COFFEE & CAKE – NETWORKING

5A

## Implementation of RED III in Germany and Europe

11:30 – 13:30, ROOM M1-M3

## Moderation:

Prof Dr Jürgen Krahel, Technische Hochschule Ostwestfalen-Lippe (TH OWL)

## Implementation of RED III in Germany

Frank Bonaldo, Federal Ministry for Economic Affairs and Energy

## GHG quota in the German transport sector – Simulation of compliance options and quota prices under different scenarios through 2040

Hendrik Etzold, DBFZ German Biomass Research Centre gGmbH

## End-to-end sustainability traceability

– Validation and certification of total greenhouse gas emissions using a conformity-assessed system

Daniel Koslowski, VTA Software &amp; Service GmbH

## Securing the future of renewable fuels: Molecular marking for traceability, Origin verification and misuse prevention

Dr Adam Graham, Tracerco Limited

## Certification of renewable fuels – Insights and updates from ISCC

Dr Patrick Ober, ISCC System GmbH &amp; Annika Caspari, Meo Carbon Solutions

5B

## Transport in transition – Travelling with biomethane &amp; BioLNG

11:30 – 13:30, ROOM M4-M5

## Moderation:

Justus Dünkeltmann, German Biogas Association

## Scaling up renewable methane: trade-off between innovative technologies and legal framework

Karin Naumann, DBFZ German Biomass Research Centre gGmbH

## Bio-LNG: The go-to fuel for vessels in the 2030s

Thorsten Nascimento Rohling, agriportance GmbH

## Biomethane and e-methane under the GHG quota: Competition or synergy?

Matthias Edel, Erneuerigas GmbH

## The Bio-CNG business model – From farm to road: Practical examples of on-farm applications and commercialization in the logistics sector

Klaus Senghaas, AESE Agrar

5C

## Green waterways – Full steam ahead with renewable marine fuels

11:30 – 13:30, ROOM M6-M7

## Moderation:

Prof Dr Bert Buchholz, University of Rostock &amp; CIMAC Germany

## FuelEU Maritime, ETS and IMO: What Contribution Can Biofuels Make to Achieving Climate Targets in Maritime Shipping?

Arne Maibohm, Hapag-Lloyd AG

## Bio-LNG as the driver for maritime decarbonization globally

Coen Ponsioen, HySights

## VINTER Bio-Oils from Biogenic Residues as Drop-In Marine Fuels – Results from the EU Project SEAFIRER

Daniel Pichler, Tergy Sagava

## Development of Infrastructure for Renewable Fuels in Maritime Shipping

Thomas Johannsen, Medium-sized Energy Industry Germany (MEW)

5D

## Turning waste into power – Biofuels for sustainable mobility

11:30 – 13:30, ROOM M8

## Moderation:

Detlef Evers, Waste-based biofuels association (MVAk)

## Competition on UCO, tallow and other waste lipids

Matthew Stone, Vice President Business Development and low carbon fuels, Resource Wise

## “Scrap the Cap”: Waste-Based Biofuel Caps in Europe – State of Play Europe

Angel Alvarez Alberdi, European Waste-based &amp; Advanced Biofuels Association (EWABA)

## Benefits of intermediate crops, and bottlenecks to their development. With recommendations for practical certification guidance

Carlo Hamelinck, studio Gear Up B.V.

## Practical experience with the use of B15 in Portugal

Anabela Antunes, PRIIO

## Optimization of the hydrotreatment of TCR pyrolysis oils for the production of renewable drop-in fuels

Begüm-Nisa Kocacenk, Fraunhofer UMSICHT

13:30 – 14:30 „LUNCH &amp; LEARN“

6A

## Renewably charged – Green hydrogen in the tank

14:30 – 16:30, ROOM M1-M3

## Moderation:

Sebastian Kobbelt, German Hydrogen Association (DWV)

## Results of the funding program for hydrogen in heavy-duty commercial vehicles and buses

Johannes Wiecek, Federal Ministry of Transport (Germany)

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## N.N.

## Taxation of hydrogen – when regulation determines competitiveness

Dr Marcus Merkel, Clean Energy Partnership e.V.

## DWF study: The power grid is reaching its limits with electric trucks – hydrogen can help ease the burden

Sebastian Kobbelt, German Hydrogen Association (DWV)

6B

## Climate-friendly today – Renewable fuels for heavy-duty and freight transport

14:30 – 16:30, ROOM M4-M5

## Moderation:

Simon Brück, German Federal Association of Freight Forwarding and Logistics (DSLV)

## Effective transformation instead of symbolic politics: biomethane as the foundation for climate-neutral truck fleets

Johan Bloemsma, OG Clean Fuels GmbH

## Results of the 2026 Clean Room Discussions

Johannes Daum, NOW GmbH

## Round table: What fuels will power the European commercial vehicle market in 2045?

Johannes Küstner, IVECO Group N.N.

Additional participants to be confirmed shortly!

6C

## Flying responsibly – Renewable fuels in aviation

14:30 – 16:30, ROOM M6-M7

## Moderation:

Prof Dr Martin Kaltschmitt, Hamburg University of Technology (TUHH)

## Who gets the carbon? Trade-offs between renewable fuels and future carbon removal needs in European aviation and shipping

Dr Reinier van der Veen, CE Delft

## eSAF double-sided auction mechanism

Matthias Spöttle, Federal Ministry of Transport (Germany)

## Combining bio- and thermochemical processes for SAF production from organic household waste: opportunities and limitations identified through the BIOCTANE project

Dr Patricia Pizarro, IMDEA Energy Institute

## Unlocking Brownfield eSAF: Flexible GHG allocation for the just transition of Brownfield Fischer-Tropsch plants

Dr Clemens Holtmann, Redeker Sellner Dahs

6D

## Green power in the field – Renewable drive energy for agriculture and forestry

14:30 – 16:30, ROOM M8

## Moderation:

Prof Dr Peter Pickel, VDI Professional Association Technologies of Life Sciences

## From agricultural diesel subsidies to a renewable drive incentive: Which incentive mechanisms encourage the use of renewable propulsion energy in agriculture?

Dr Thomas Decker, University of applied sciences Weihenstephan-Triesdorf

## Building acceptance through dialogue: Which communication strategies can encourage the adoption of renewable energy sources for agricultural machinery?

Johannes Buchner, University of applied sciences Weihenstephan-Triesdorf

## An intersection of fuels from photosynthesis and chemical synthesis

Danan Dou, Deere &amp; Company

## From Fossil to Renewable: STIHL's Strategy for Sustainable Fuels in Professional Power Tools

Dr Jens Melder, Andreas STIHL AG &amp; Co KG

16:30 END OF THE EVENT

## Diamond Partners

NESTE



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agriportance.



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## Startup Partner



## Silver Partners

