

24th 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^e | Bundesverband Bioethanol e.V.

Fachverband BIOGAS

VDB

Patron:

Federal Ministry of Transport



www.fuels-of-the-future.com

Last update: 24.09.2026

1

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^e)

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^e)

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 Doceel, 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
Ulrich 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

N.N.

N.N.

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 CO₂ reduction
9:00 – 11:00, ROOM M4-M5

Moderation:
Dr Jutta Rottke, German Bioethanol Industry Association (BDB^e)

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

N.N.

N.N.

N.N.

N.N.

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^e)

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

Mahmoud Abdelrahman, SGS INSPIRE

N.N.

N.N.

Biomethane across borders: The evolution of trading opportunities and pricing

Svea Winter, Argus Media

N.N.

N.N.

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 & CO₂ 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 & 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 & Annika Caspari, Meo Carbon Solutions

5B

Transport in transition – Travelling with biomethane & 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, Erneuerogas 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 & 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 & 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 & 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)

N.N.

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 & Company

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

Dr Jens Melder, Andreas STIHL AG & Co KG

16:30 END OF THE EVENT

Diamond Partners

NESTE



MEW

MVAk

Mittelstandsverband abfallbasierter Kraftstoffe



Gold Partners

agriportance.



Partner with additional options



Startup Partner



Silver Partners

