Symposium
The Future of Gas-Powered Mobility 2020

Industry forum focussing on CNG, LNG and renewable gases

Please note:
The conference will be held in German. Presentations will be interpreted simultaneously into English by interpreters on site. This service will only be available if a minimum of five English-speaking delegates have registered. Should an insufficient number of English-speaking delegates register, your registration will be cancelled and you will not be charged. You will be informed by us by 19 February on whether this service is available.

11 - 12 March 2020
Berlin

zukunft-gas-mobilitaet.de/english
What does tomorrow’s mobility look like?

The huge challenges of energy and climate policies facing today’s mobility sector can only be overcome by combining different technologies and drive systems. Gas-powered mobility is one option that may replace petrol and diesel engines in the short and medium term. Alongside CNG and LNG, green gases such as biomethane or hydrogen are well-suited for low-emission mobility. In the future, green gases will also be able to be used for alternatives to conventional propulsion technologies in aviation and shipping. This two-day symposium is the ideal place for stakeholders from the various industry sectors to come together and share experiences. The star-studded presentations and panels will allow leading representatives from the automotive industry, fleet and infrastructure operators, utilities and politics to discuss current issues.

Key topics:
- **Regulation**: parameters for decarbonising the transport sector
- **Discussion**: Tank2Wheel versus Well2Wheel
- **Strategy**: what are the engines and fuels that will ensure our mobility in the future?
- **Infrastructure**: business and expansion models for filling-station networks
- **Perspectives**: the use and allowability of green gases
- **Future prospects**: is hydrogen gaining ground?

Target group:
- Logistics providers
- Shipping companies, airline operators
- Public transport operators
- Vehicle & engine manufacturers
- Filling station & infrastructure operators
- Gas utilities
- Public authorities

Contact

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Register here: zukunft-gas-mobilitaet.de/english/registration
Program

Conference day 1 | 11 March 2020

08:30 – 09:25
Arrivals & registration

09:25 – 09:30
Moderator’s welcome address

Moderator: Dr Timm Kehler, Managing Director, German Natural Gas Initiative (Zukunft ERDGAS)

Decarbonisation strategies for the transformation of transport

09:30 – 10:00
Key to decarbonisation: the German Federal Government’s hydrogen strategy
- Harnessing industrial policy
- The Gas 2030 dialogue process and its significance for the energy transition
- Recommended political actions for the transformation process

Thomas Bareiß, Parliamentary State Secretary, Federal Ministry for Economic Affairs and Energy

10:00 – 10:30
Implementing the national hydrogen strategy in the transport sector
- What part does hydrogen play in transport, and what is the supply industry’s role?
- How will the expansion of hydrogen filling stations evolve?
- What is the Federal Ministry of Transport and Digital Infrastructure (BMVI) doing?

Dr Klaus Bonhoff, Director General Policy Issues, Federal Ministry of Transport and Digital Infrastructure (BMVI)

10:30 – 11:00
National Innovation Programme Hydrogen & Fuel Cell Technology (NIP) with a focus on infrastructure challenges
- Developing a global strategy in consideration of individual fuel options
- Project initiator, application evaluation, finding and using topics for synergy effects

Thorsten Herbert, Divisional Head Transport and Infrastructure, NOW GmbH

11:00 – 11:30 Coffee break

11:30 – 12:30
Panel discussion: Tank2Wheel vs. Well2Wheel – bench-testing economic efficiency

Prof Dr Gerald Linke, Chairman, DVGW
Ralf Diemer, Head of Department Economic Policy, German Association of the Automotive Industry

12:30 – 13:00
Decarbonising the mobility sector – green fuels from the refinery
- Which technologies are capable of contributing to climate protection as of today?
- What is the potential of gas within the transport sector?
- Green hydrogen in the refinery – valuable today, priceless in the future

Emanuel Grasal, Low Carbon Strategy Manager, BP Europa SE

13:00 – 14:00 Lunch Break

14:00 – 14:30
Supporting gas-powered mobility in North Rhine-Westphalia – concepts and activities
- Dialogue with competent authorities
- Round tables and networks of pertinent stakeholders

Heinz Esser, Managing Director, DVGW North Rhine-Westphalia

Business model infrastructure & logistics

14:30 – 15:00
Transforming transport with hydrogen: the future is now
- Status of the network expansion, forecast
- Current examples of the use of hydrogen in German transport
- International developments, hydrogen in transport

Nikolas Iwan, Managing Director, H2 MOBILITY Deutschland

15:00 – 15:30
CNG and the mobility of the future
- CNG as a useful component of mobility
- What are the challenges?
- Where will the journey take us?

Frank Rößler, Managing Director, MoviaTec GmbH

15:30 – 16:00 Coffee break

16:00 – 16:30
Interview: developing the LNG filling station network – challenges and perspectives
- Current situation of the LNG filling station network in Germany
- Factors influencing the evolution of LNG filling stations, the political environment
- A perspective: profitability, reliability, capacity

Katharina Milinkovich, Head of Operations, BarMalGas GmbH
Silvano Calcagno, Managing Director, LIQVIS GmbH
LNG in shipping

16:30 – 17:00
LNG bunkering for inland waterway vessels: a new dimension
• LNG as fuel for inland waterway, the economical and ecological right choice to make?
• LNG infrastructure, has the chicken and egg problem been solved?
• LNG as fuel for inland waterway vessels: what are the critical success factors?

Jan Willem Drijver, Managing Director, PitPoint.LNG

17:00 – 18:00
Interview: developing the LNG filling station network – challenges and perspectives

Alexander Garbar, Project Manager Corporate Development and Strategy, Port of Duisburg
Jan Schubert, Senior Manager Sales & Business Development, Nauticor GmbH & Co.KG
Katja Freitag, Spokesperson, German LNG Terminal
Benjamin Scholz, Ship Type Expert Gas Carriers, DNV GL SE

Followed by get-together
Share your impressions of the first conference day and pick up on discussions and insights. You are cordially invited to join us for an informal get-together with delicious food and drinks.

Conference day 2 | 12 March 2020

From 08:30 Arrivals and coffee
08:55 – 09:00
Moderator’s welcome address

Moderator: Dr Dietrich Gerstein, Head of Mobility Concepts, DVGW

Fuels & engines: the state of technology and market developments
09:00 – 9:30
Life-cycle analysis as a bench test: the carbon and energy footprint of transport systems
• Life-cycle analysis: Why? How is it performed? Where does the data come from?
• A comparison of the carbon and energy footprint of natural-gas-powered engines and influencing factors

10:00 – 10:30
Focus and findings of the DVGW study on hydrogen mobility
• Hydrogen and fuel cells in mobility
• Market developments and perspectives within Germany and the EU
• Vehicles, infrastructure, framework conditions, recommended actions

Dr Oliver Ehret, Senior Manager E-Mobility, Center of Automotive Management

10:30 – 11:00 Coffee break

11:00 – 11:30
P2X – a must for mobility, an opportunity for mechanical engineering
• Power-to-X technology as an essential component of climate protection
• For transport (shipping, aviation, heavy traffic) without alternative options
• What needs to happen in regulatory terms for entry into the transport market to succeed?

Dr Carola Kantz, Deputy Managing Director, Mechanical Engineering Industry Association (VDMA)

12:00 – 12:15
Methane engines – the smart alternative for heavy-goods transport
• Is CO2-neutral goods transport using heavy-duty vehicles already a possibility?
• Are the required vehicles available and is the operation profitable for a freight forwarder?

Friedrich Lesche, Business Development Alternative Drives, Iveco Magirus AG
Sponsor
bmp greengas is Germany’s market leader for the sale of biomethane and an expert in green gases. For more than twelve years, we have been working on climate-friendly innovations to make the world greener. We’re convinced that by supporting companies in their efforts to switch to a sustainable energy supply using green gases we can make a valuable contribution to the energy transition. In cooperation with our partners, we aim to further this development globally. In other words: together, we can take action for a green future.

Rates and registration
Use the online registration form to register: zukunft-gas-mobilitaet.de/english/registration

DVGW & Zukunft ERDGAS members 1.050,- €
Non-members 1.350,- €
Public authorities & students 300,- €

Recommended accommodation
We have partnered with the event hotel to set aside a limited number of rooms for delegates, from which you will be able to book at your own convenience. These rooms will be available until 27 January 2020 on a first come, first served basis.

For more information, visit our website: Zukunft-gas-mobilitaet.de/english

12:15 – 12:30 Passenger cars: towards a carbon-neutral mobility
• What contribution can CNG mobility make?
  Stephen Neumann, Group Head Technology Projects - Decarbonisation, Volkswagen AG

12:30 – 13:30 Lunch Break

13:30 – 14:30 Panel discussion: CNG, LNG, hydrogen or hybrid – which horse is the automotive industry backing?
  Friedrich Lesche, Iveco Magirus AG
  Jens-Michael Flöther, Senior Product Manager, Hyundai Motor Deutschland GmbH
  Stefan Ziegert, Product Manager Alternative Transport Solutions, Scania Deutschland GmbH

14:30 – 15:00 Aviation: ‘green jet fuel’ for a sustainable future
• Implementing CORSIA for CO2-neutral aviation
• Using sustainable synthetic jet fuel
• The only solution: focusing on PtL production
  Siegfried Knecht, Director R&T Affairs, Airbus Public Affairs Germany

15:00 – 15:30 Gas meets water: AIDAnova – the very first cruise liner afloat on LNG
• AIDAnova awarded German ecolabel ‘Blue Angel’
• Growth and responsibility
  Hansjörg Kunze, Vice President Communication & Sustainability, AIDA Cruises - German Branch of Costa Crociere S.p.A.

15:30 Conference ends
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