



5TH INTERNATIONAL FEV CONFERENCE

ZERO CO₂ MOBILITY

NOVEMBER 16 – 17, 2021

AACHEN · GERMANY

**CALL FOR
PAPERS &
INVITATION**



Developing Future Mobility



DEAR COLLEAGUES,

The European emission reduction goals, ratified in the COP21 Paris agreement, require major CO₂ emission reductions from the transportation sector through the year 2050. However, there are different ways to achieve these defossilization targets.

Increasingly, experts agree on the conclusion that, while propulsion system electrification is an important element of the solution, it is not the only approach to achieve CO₂-neutral mobility. When "well-to-wheel" rather than "tank-to-wheel" efficiency is considered, renewable alternative fuels become increasingly interesting as solutions.

Achieving a balanced fleet strategy requires focus on needs-based propulsion system solutions that assure sustainable and clean mobility. In this sense, a mixture of battery electric vehicles, some

with Range Extender (BEV, REEV), e-vehicles with fuel cells (FCEV) and hybrids (PHEV, HEV) with synthetic fuels appears to be a promising combination.

Battery electric vehicles, charging times, battery production costs and real driving range have already been significantly improved. These elements are becoming progressively more competitive, are already available in the market and will significantly continue to increased market share over the next several years. Fuel Cell vehicles are under development and are expected to ramp up in market share in the late 2020s. For e-fuels, the path to market has to be fixed as soon as possible to contribute in minimizing CO₂ emissions with internal combustion engines.



Therefore, a clear and sustainable road map for the next years is becoming increasingly important. Market acceptance and thus economic success depend heavily on the development and funding of a functioning infrastructure for the different types of energy sources. As an important part of future mobility, the mandate also applies to legislators to support and require the production and utilization of the e-fuels.

The “Zero CO₂ Mobility” conference brings together industrial as well as political strategists and experts on November 16–17, 2021 to present and discuss current trends and solutions.

With best regards

PROF. DR.-ING.
STEFAN PISCHINGER
PRESIDENT AND CEO OF
FEV GROUP GMBH



ABSTRACT SUBMISSION

Interested in participating?

Presenting a paper gives you the opportunity to share your latest technical ideas and achievements with influential specialists from around the world and to discuss your work with colleagues throughout the industrial and academic communities.

If you are interested in participating, please hand in your abstracts (in MS Word or PowerPoint) until 23 April 2021 to the following address: benesch@fev.com.

The abstract should meet the following requirements

- Title of the presentation in English (and German)
- Name of the author and co-authors
- Short abstract (200 words)
- Assignment to one of the preset topics at the conference, the presentation duration will be 20 min. followed by an additional 10 min. for discussion. All abstracts will be carefully evaluated by the scientific committee regarding their innovative, scientific quality and value.

**PLEASE
SEND YOUR
ABSTRACT TILL
23 APRIL 2021**



LOCATION

Hotel Pullman Aachen Quellenhof
Monheimsallee 52 · 52062 Aachen, Germany
Phone +49 (0)241 91320

PRELIMINARY CONFERENCE PROGRAM

Day 1: 15.11.2021

20:00 pm Networking reception

Day 2: 16.11.2021

8:30 – 18:30 Conference program

19:30 pm Conference dinner

Day 3: 17.11.2021

08:30 – 16:30 Conference program

16:30 – 16:45 Conclusion and end of conference

Topics of the conference

- What drives the automotive industry towards zero CO₂ mobility?
- How do we get low CO₂ emission energy carriers to the road?
- What is the future European capacity on renewable electricity?
- Energy system: How will the energy be converted, transported and stored in the future?
- Energy carrier: Which energy carriers enable the road transport to protect our climate?
- Socio-economic perspective 2030:
Which of the many options to reduce CO₂-emissions should we choose?
- Passenger cars: How can passenger cars get to zero CO₂ mobility?
- Powertrain concepts for urban mobility – Public transport
- What drives trucks and coaches towards a reduction of CO₂ emissions?
- What does an integrated urban zero CO₂ mobility system look like?

**Online registration and ticket prices at
www.zero-co2-mobility.com in February 2021.**



TECHNOLOGY DISPLAYS AND BRANDING

CLOSE TO THE CONFERENCE AREA

Target Groups

- International OEMs and suppliers – powertrain management, future product and technology planning responsables
- Oil, gas and energy suppliers and processing industry
- Political stakeholders

Exhibition booth for your product presentations (6 m² / 8 m²), 1 conference ticket included

Regulare price **3,200 € / 4,000 €** excl. VAT
(raw space, without stand construction)

JOIN AS AN
EXHIBITOR

-25 %

UNTIL
25 JUNE
2021



VEHICLE DEMONSTRATIONS &

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Contact

Boris Benesch · benesch@fev.com

Phone +49 (0)241 5689 9836





FEV Europe GmbH
Neuenhofstr. 181
52078 Aachen · Germany
Phone +49 (0)241 5689-0
Fax +49 (0)241 5689-119
marketing@fev.com



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