



CONFERENCE

vehicle 2 Grid

APRIL 7–8, 2027 | AACHEN

CALL FOR PRESENTATIONS

VEHICLE-TO-GRID, VEHICLE-TO-HOME AND SMART CHARGING

Integrating new forms of flexibility into the energy markets



CONFERENCE CHAIRS

Dr. Jan Figgner

Senior Visiting Scientist, ISEA | RWTH Aachen University

Dr. Christopher Hecht

Trader@Terra One; ISEA | RWTH Aachen University

DEADLINE: October 31, 2026

The **Vehicle-2-Grid Conference** returns to Aachen, Germany on April 7–8, 2027, bringing together leading companies from the automotive, energy, and technology sectors to explore the future of grid-connected mobility.

- 🔗 **Who we are looking for:** Industry professionals and experienced academics across the V2G value chain – OEMs, energy suppliers, grid operators, technology providers, regulators, and senior researchers with hands-on project or applied research experience.
- 🔗 **What we expect:** Concrete, relevant, and transferable contributions – real-world projects, field results, or market and regulatory insights.
- 🔗 **Why you should come:** As a leading international platform for V2G, Vehicle-to-Home, and smart charging, the conference offers direct access to decision-makers and peers shaping the field, plus in-depth exchange, a poster exhibition, and networking – alongside the international Advanced Battery Power Conference.

We now invite you to submit proposals for the 2027 event.
Poster submissions are also welcome.

TOPICS OF INTEREST

We invite you to submit contributions that are concrete, relevant and transferable.

- 🔗 **Real-world projects** – field tests, practical implementations, and commercial operation of bidirectional vehicles
- 🔗 **Charging infrastructure** – development of charging points as communication interfaces, grid-approved inverters, and bidirectional DC connections
- 🔗 **Vehicles** – vehicle batteries, communication interfaces, and the transformation of vehicles into active market participants
- 🔗 **System integration** – concepts for integrating vehicle owners, aggregators, energy companies, backend operators, manufacturers, and grid operators into a shared value chain
- 🔗 **Grids and data** – the role of electric mobility in stabilizing rather than overloading power grids
- 🔗 **Smart and flexible tariffs** – dynamic and real-time pricing models that manage energy flows between vehicles and the grid

SUBMISSION FORMAT

- Please submit abstracts (300–500 words) in English; containing a presentation title, author(s), organization, contact
- Talk: 25 min + 5 min Q&A

IMPORTANT DATES (CET)

- **Submission deadline:** October 31, 2026
- **Notification of acceptance:** December 2026
- **Program release:** February 2027
- **Final slides/materials/posters due:** March 20, 2027

Note: Early submissions help facilitate planning. **All deadlines are 11:59 PM CET.**

SUBMISSION

Please submit your abstract to:

vehicle-2-grid@hdt.de

For more information, visit:

www.vehicle-2-grid.eu

Conference participation is free for presenters.

LANGUAGE AND PERMISSIONS

Presentation language: English

Recording/publication:

Please indicate at the time of submission whether you grant permission for your slides and/or a video recording of your presentation to be published.

Partners and Organizers



Power
Electronics
and Electrical
Drives



WISSEN DURCH ERFAHRUNG

Organizer HDT (Haus der Technik e. V.), Hollestraße 1, 45127 Essen | Mona vom Dahl, P +49 (0)201 1803-233, E m.vomdahl@hdt.de

www.vehicle-2-grid.eu