

WORLD OF ENERGY SOLUTIONS

October 6–8, 2014

Messe Stuttgart, Germany



International trade fair and conference

Three events under one roof: Background and history

Since 2012, the e-mobil BW conference, BATTERY+STORAGE, and the f-cell forum have been concentrating potential and networks in WORLD OF ENERGY SOLUTIONS to become the central international trade fair and conference for the convergence of energy generation, storage systems and mobility solutions. Technologies and services in the areas of battery and energy technologies, hydrogen and fuel cell applications, as well as innovation from the e-mobility area, take center stage. WORLD OF ENERGY SOLUTIONS is a joint project between e-mobil BW GmbH, Landesmesse Stuttgart GmbH, Peter Sauber Agentur Messen und Kongresse GmbH and Wirtschaftsförderung GmbH.

Hosts



e-mobil ^{BW}
Landesagentur für Elektromobilität und
Brennstoffzellentechnologie Baden-Württemberg GmbH



**PETER SAUBER
AGENTUR**
Messen und Kongresse GmbH



**Wirtschaftsförderung
Region Stuttgart**

Messe Stuttgart
Mitten im Markt



In cooperation
with



Main sponsor



Partner





Further partners: Reliable network

Partner country

Canada 

Official Airline Partner

STAR ALLIANCE 
THE WAY THE EARTH CONNECTS

Media partner

electrive.net
Der Branchendienst für Elektromobilität

FUEL CELLS 2000
www.fuelcells.org

HZwei
an der RWTH AACHEN UNIVERSITÄT
energie.de
Wissens- und Karriereportal der Energiewirtschaft

Partner

brennstoffzelle BW
competence in hydrogen and fuel cell solutions

Canadian Hydrogen and Fuel Cell Association

DLR
Deutsches Zentrum für Luft- und Raumfahrt

DWV
Deutscher Wasserstoff- und Brennstoffzellen-Verband

+H₂
Fuel Cell and Hydrogen Network NRW

Fraunhofer ICT

Fraunhofer ISE

Fuel Cell & Hydrogen Energy Association

KLiB
Kompetenznetzwerk
Lithium Ionen Batterien

Modellregionen Elektromobilität

VDMA
Brennstoffzellen

WBZU

ZSW



International networking event: At a glance

- Conference with plenaries and technical sessions
- Trade fair
- Evening event with f-cell award ceremony
- Ride&Drive
- Seminars (Teacher, trades people and handicraftsmen, energy consultants)
- Working groups
- Press conference, press tours
- VIP tours
- JOBS FOR ENERGY SOLUTIONS



Conference

Deep insights and latest developments

- 31 sessions including 113 presentations from 163 speakers
- International speakers from Austria, Belgium, Canada, China, Denmark, France, Germany, Italy, Japan, Korea, Netherlands, Switzerland, UK, USA
- Fields: Innovative products and applications, research approaches and technologies as well as energy storage solutions
- Technologies: Battery and storage technologies, fuel cell and hydrogen applications and future mobility solutions
- 557 participants from 35 countries



e-mobil BW conference



f-cell



BATTERY+STORAGE



Monday, October 6, 2014

9.30 – 12.30

Opening Plenary

14.30 – 16.50

Fuel cell: Mobile applications I



Hydrogen Generation



Battery: Stationary applications



Hydrogen + Battery Storage I



Special markets



Closing 17.00 – 17.30

Tuesday, October 7, 2014

9.30 – 10.30

Opening Plenary

10.40 – 12.30

Fuel cell: Stationary applications I



Hydrogen + Battery Storage II



Fuel cell: Production



Battery: Mobile applications



Supply + Infrastructure I



14.30 – 16.50

Fuel cell: Stationary applications II



Fuel cell: Mobile applications II



Supply + Infrastructure II



Leading-edge cluster Electric Mobility South-West



Battery: Production



Closing 17.00 – 17.30

Wednesday, October 8, 2014

9.30 – 10.50

WES Plenary “Mobility of the future”

11.00 – 12.30

Fuel cell: System components



Battery: System components



Connected drive



Smart Intermodality



E-drive trends



14.30 – 16.50

Fuel cell: Research + development



Battery: Research + development



Efficiency of hybrids



Urban mobility concepts



Innovative business cases



Closing 17.00 – 17.30



Trade fair

Networking, latest products and services

- In the frame of the WORLD OF ENERGY SOLUTIONS, a total of **151 exhibitors** from **14 countries** presented their products and services to 2.700 visitors from 35 countries. Total exhibition space (net): 1.835 m²
- **Pavilions:** Canada, Brabant, North Rhine-Westphalia, Hesse, Baden-Württemberg, Research&Development (Federal), Fraunhofer Alliance Batteries
- **Fields:** Materials and components, Production equipment and accessories, Manufacturing automation, Power electronics, Test, Measurement and inspection technology, Batteries, Energy storage solutions/applications, safety technologies, Research and development, H2-Production, H2-Storage, H2-Infrastructure, Fuel cells, Fuel cell applications, Fuel cell components, Fuel cell test benches, Production technology, Materials, Mobility solutions, Vehicle technology, Services

Evening event and f-cell award: Relaxed networking atmosphere

Extraordinary ambience, entertaining atmosphere, gourmet-cooking, musical accents: The evening event offered 273 participants again networking „deluxe“. The f-cell award (endowed with up to 25,000.- €) ceremony with MD Helmfried Meinel was the highlight of the evening in Stuttgart's "en vogue" location „Wagenhallen“.

- f-cell award 2014 Classic:
 - 1st price: Daimler AG
 - 2nd price: Viessmann Werke GmbH & Co. KG
 - 2nd price: Bosch Thermotechnik GmbH
- f-cell award 2014 Science:
 - 1st price: Universität Freiburg, Institut für Mikrosystemtechnik

Ride&Drive: An extraordinary driving experience

- All of the participants and visitors had the chance to test drive FCEVs and BEVs as well as E-Bikes and Segways at the event.
- 485 test drives took place
- Numerous battery and fuel cell electric vehicles were available for test drives: VW „e-Golf“, Daimler B-Class „F-CELL“, „BMW i3“, Mitsubishi „Plug-in Hybrid Outlander“, „smart fortwo electric drive“, Mitsubishi „iMiev“



Facts and figures 2014*

| | | |
|-------------------------|---|------------|
| Conference | Conference participants | 557 |
| | Number of presentations | 113 |
| | Countries | 35 |
| Trade fair | Exhibitors | 151 |
| | Visitors | over 2.700 |
| | Total exhibition space (net) | 1.835 sqm |
| Evening event | Number of participants | 273 |
| Seminars | Seminar for teacher | 24 |
| | Seminar for energy consultants | 17 |
| | Seminar for tradespeople and employees from industry and handicraft | 11 |
| Ride & Drive | Number of test drives | 485 |
| | Number of 4- and 2-wheeler | 19 |

*One entry may occur in different categories.



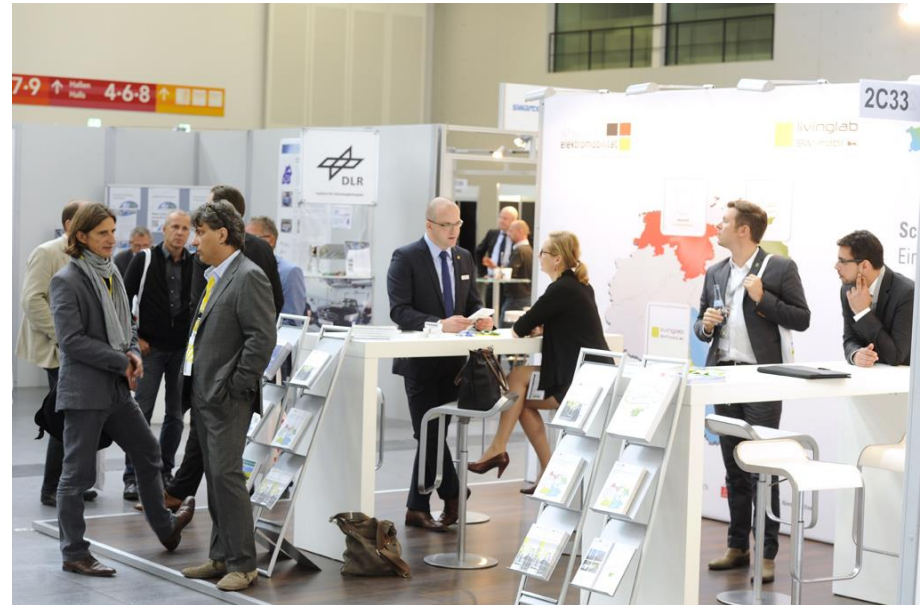
Marketing and Press

- Printings (Conference program, Trade fair catalogue, Roll-Up, Conference bag)
- Direct marketing: Several (E-)Mailings for the conference, trade fair and side program
- Media partner: All about Sourcing, Automobil Produktion, Bizz energy today, Bloomberg New Energy Finance, Charged, DCTI, Digital Engineering, Energie&Management, e-mobil BW, eMobil Server, Energetika, energie.de, energiespektrum, energy 2.0, Journal of Energy Storage, Energy Storage Journal, Fuelcells.org, Industrieanzeiger, KEM, konstruktions praxis, KE Next, Telematik Markt, Bio Economic, MM Maschinenmarkt, mobility 2.0, messen prüfen automatisieren, neue energie, nachhaltige Produktion, power world, Shmuel De-Leon Energy Ltd, SolarServer, Sonnenenergie, Sonne Wind & Wärme, Umwelttechnik Schweiz
- Homepage: www.world-of-energy-solutions.com
- Cooperations: Display at external events
- Domestic and foreign face-to-face distribution

Impressions

Way from the airport

Trade fair meetings



Impressions

Conference hall



Plenary Monday



WORLD OF ENERGY SOLUTIONS

Save the date

October 12–14, 2015

