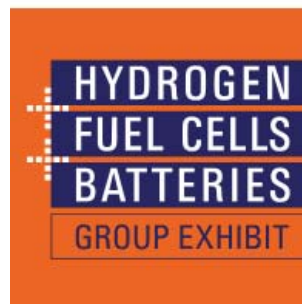


# Exhibitor List

24th Group Exhibit H2+FC+BAT  
at HANNOVER MESSE 2018

Status: April 12, 2018

HANNOVER MESSE



April 23-27  
2018

Hall 27, C66  
Exhibition Grounds  
Hanover, Germany


 **Ad-Venta**  
Pressurized gas handling applications

 **Aeris Group**  
Research unit on hydrogen

 **Agence Economique Régionale de Bourgogne-Franche-Comté**  
Economic agency of Bourgogne Region

 **Air Liquide Advanced Technologies GmbH**  
Part of the H<sub>2</sub> MOBILITY pavilion

 **Alcrys® Fluid-Control & Services**  
Pressure regulating solutions for high-pressure gases

 **Ames Goldsmith Ceimig**  
Precious metal powders (hydrogen fuel cells), platinum group metals (electrolysers)

 **Anleg GmbH**  
Hydrogen projects

 **Aperam**  
Continuous coated stainless steel for bipolar plates in PEM

 **ARDEC Metal**  
Metal working, cutting and turned parts, precision machining


 **AREVA H2Gen GmbH**  
PEM electrolyser

 **Asahi Kasei Europe GmbH**  
Hydrogen production system exhibit

 **Association Française pour l'Hydrogène et les Piles à Combustible (AFHYPC)**  
Promotion of hydrogen energy

 **Ataway**  
Autonomous energy solutions for isolated sites

 **AVL List GmbH**  
10kW SOFC CHP system, THDA stack monitoring, portable SOFC power generator

 **balticFuelCells GmbH**  
quickCONNECTfixture Liquid Cooled / RFB simple / SuSy500 fuel cell subsystem / Electrum1000 FC power application

 **Borit NV**  
Metal bipolar plates and interconnects, flow plates for cooling applications

 **BOSAL Energy Conversion Industry**  
High performance heat exchangers

 **Busch Clean Air S.A.**  
Compressors


 **Business France**  
International business development in France and throughout the world

 **Canadian Hydrogen and Fuel Cell Association**  
Industry Association


 **Carbotainer, S.L.**  
Carbon fiber cylinders, bundles, industrial gas storage solutions

 **Celeroton AG**  
Oil-free turbo compressors, fuel cell converters

 **Centro Nacional del Hidrógeno (CNH2)**  
Scientific and technology research in all fields related to hydrogen and fuel cells technologies

 **Centroplast Engineering Plastics GmbH**  
The world's largest bipolar plate


 **CerPoTech AS**  
Ceramic powders for SOFC, ceramic membranes, solid state batteries and other components

 **Clean Energy Partnership (CEP)**  
The Clean Energy Partnership (CEP) focuses on clean, quiet, low-emission mobility for the future

 **Combined Energies LLC**  
Power electronics, HT PEM fuel cell systems

 **Continental Automotive GmbH**  
Cathode blocking- backpressure valve, bypass valve

 **CSA Group**  
Standards development, testing & certification organization

 **Czech Hydrogen Technology Platform (HYTEP)**  
Support hydrogen technologies development and implementation of hydrogen economy in the Czech Republic

 **Daimler AG**  
Part of the H<sub>2</sub> MOBILITY pavilion

 **Dana Incorporated**  
Balance of plant, hydrogen reformers and stack components

 **DBI Gas- und Umwelttechnik GmbH**  
Components for fuel cell heating appliances


 **Deutscher Wasserstoff- und Brennstoffzellen- Verband e.V. (DWV)**  
Association providing information, expertise and networking in the field of hydrogen and fuel cells

 **Deutsches Zentrum für Luft- und Raumfahrt e.V. (DLR) Institut für Technische Thermodynamik**  
Fuel cells, electrolysis, innovative components

 **Diamond Lite S.A.**  
Hydrogen electrolysis and methanation, Power-to-Gas plant design and EPC services


 **DLR-Institut für Vernetzte Energiesysteme e.V.**  
Systems, system components

 **dPoint Technologies**  
Polymer membrane

 **DTU Energy FCH Test Center**  
Testing cells, stacks, components; fuel cells, electrolysis and batteries


 **DVGW Kongress GmbH**  
Cutting edge conferences & exhibitions for gas, water & renewables

 **E&MS GmbH**  
Pressure Vessels

 **EBZ Entwicklung- und Vertriebsgesellschaft Brennstoffzelle mbH**  
Components and testing solutions for fuel cells and electrolyser systems


 **Eisenhuth GmbH & Co. KG**  
Bipolar plates, test systems, gaskets

 **Elecsys France**  
Energy storage solutions for electric and hybrid motorboats, yachts, vans and concepts car

 **EMCEL GmbH**  
H2-Quality Measurement, Monitoring System, Engineering Services, Feasibility Studies

 **Enapter**  
Hydrogen generators, electrolysers, AEM

 **Energy Saxony e.V.**  
Fuel cell technologies and systems for the generation and storage of hydrogen, automation solutions, simulation tools

 **ERGOSUP**  
Storage and conversion of electricity into pressurized hydrogen

 **ErreDue S.p.A.**  
Hydrogen generators, hydrogen purifiers

 **European Hydrogen Association (EHA)**  
Association promoting hydrogen as an energy carrier

 **Faurecia**  
Clean Mobility: H<sub>2</sub> storage, fuel cell and battery

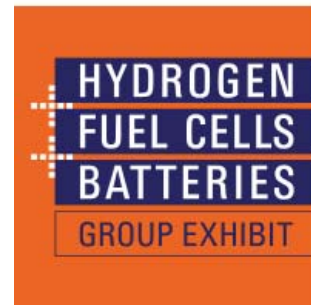
 **FISCHER Spindle Group**  
Electrically driven turbo compressors for fuel cells

 **Forschungszentrum Jülich GmbH**  
Results R&D of fuel cell and electrolysis technology

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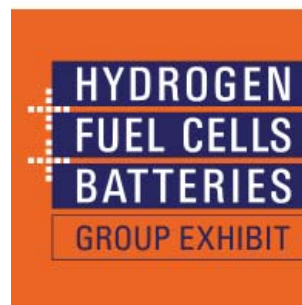
Hall 27, C66  
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- |  |   |  |
|--|---|--|
| <p> <b>Fraunhofer Institute for Energy Economics and Energy System Technology (IEE)</b><br/>Virtual battery, multifunctional converter, efficient antenna system for inductive charging system, testing system for electro mobility</p>                  | <p> <b>H2B2 Electrolysis Technologies SL</b><br/>Advanced electrolyzer solution based on a polymeric membrane (PEM) stack</p>                                    | <p> <b>Hydrogenous Technologies GmbH</b><br/>Systems for hydrogen storage and hydrogen release</p>  |
| <p> <b>Fraunhofer-Institut für Keramische Technologien und Systeme IKTS</b><br/>Solid Oxide Cell: power, heat and chemicals on demand</p>  | <p> <b>H<sub>2</sub>BZ Wasserstoff- und Brennstoffzellen-Initiative Hessen e.V.</b><br/>Fuel cells and electrolyzers</p>   | <p> <b>HydrogenPro</b><br/>High pressure alkaline electrolyser plants</p>   |
| <p> <b>Fraunhofer-Institut für Mikrostruktur von Werkstoffen und Systemen IMWS</b><br/>Battery simulation and emulation, virtual battery, testing system for electro mobility, battery management systems, battery model</p>                             | <p> <b>H2IT – Associazione Italiana per l’Idrogeno e le Celle a Combustibile</b><br/>Our goal is to stimulate and develop the market for the use of hydrogen</p> | <p> <b>Hyon AS</b><br/>Hydrogen energy solutions</p>  |
| <p> <b>Fraunhofer-Institut für Mikrotechnik und Mikrosysteme IMM</b><br/>Reformers, heat exchangers</p>  | <p> <b>H2SYS</b><br/>PEM fuel cell system and hydrogen powered electric generator</p>  | <p> <b>HyPlat (Pty) Ltd</b><br/>Membrane electrode assemblies (MEA), platinum-based catalyst</p>  |
| <p> <b>Fraunhofer-Institute for Manufacturing Technology and Advanced Materials IFAM</b><br/>Electrolysis electrodes, electrocatalysts, hydrogen storage, hydrides, PowerPaste, hydrogen on-demand, hydrogen generators, prototypes, demonstrators</p> | <p> <b>H2V PRODUCT SAS</b><br/>Applications for the use of carbon-free hydrogen</p>  | <p> <b>Hystorsys AS</b><br/>Thermal hydrogen compressor systems based on metal hydrides</p>   |
| <p> <b>Fraunhofer-Institute for Solar Energy Systems ISE</b><br/>Fuel cells systems, electrolysis</p>  | <p> <b>HA Hessen Agentur GmbH, Projekt Brennstoffzelle</b><br/>Promoting the State of Hessen both in Germany and abroad</p>                                      | <p> <b>Hyundai Motor Deutschland GmbH</b><br/>Part of the Clean Energy Partnership (CEP) fleet at the Ride &amp; Drive</p>  |
| <p> <b>FuelCon AG</b><br/>Testing systems for fuel cells and batteries</p>   | <p> <b>HAFNER energy</b><br/>Production of green hydrogen from biomass</p>   | <p> <b>iGas energy GmbH</b><br/>Electrolyser plants for hydrogen production</p>   |
| <p> <b>Fundación para el Desarrollo de las Nuevas Tecnologías del Hidrógeno en Aragón</b><br/>R&amp;D, Engineering and consultancy services</p>  | <p> <b>Haskel</b><br/>Hydrogen gas booster</p>   | <p> <b>IHI Hauzer Techno Coating B.V.</b><br/>Equipment manufacturer for bipolar plate coating, coating and coating technology development</p>                          |
| <p> <b>Giner ELX Inc.</b><br/>Electrolyser stacks and systems</p>  | <p> <b>Hexagon Composites ASA</b><br/>High-pressure hydrogen composite cylinders</p>   | <p> <b>Impact Coatings AB</b><br/>Industry leading Ceramic MAXPHASE™ coating for metal bipolar plates. New INLINECOATER™FC coating equipment for volume production.</p> |
| <p> <b>Gräbener Maschinentechnik GmbH &amp; Co. KG</b><br/>Microstructure metallic plates, hydroformed components</p>  | <p> <b>HNP Mikrosysteme GmbH</b><br/>Pumps, Micropumps, Dosing Systems, filters, fluidic systems, application consulting</p>                                   | <p> <b>Inabata Europe GmbH</b><br/>Electrolysers, fuel cells</p>  |
| <p> <b>GreenHydrogen.dk ApS</b><br/>Electrolysers, HRS and hydrogen solutions for renewable energy applications</p>  | <p> <b>Honda R&amp;D Europe (Deutschland) GmbH</b><br/>Part of the Clean Energy Partnership (CEP) fleet at the Ride &amp; Drive</p>                            | <p> <b>Intertek Canada</b><br/>Testing, inspection, certification, auditing and technical training</p>  |
| <p> <b>Greenlight Innovation</b><br/>Fuel cell testing equipment</p>   | <p> <b>HÖRMANN Rail &amp; Road Engineering GmbH</b><br/>Mockup of ESPRIT-vehicle and mechanical coupling</p>   | <p> <b>ITM Power Plc</b><br/>Hydrogen generation, electrolysers, hydrogen fuel stations, energy storage</p>   |
| <p> <b>Greenlight Innovation GmbH</b><br/>Fuel cell testing equipment</p>  | <p> <b>Howden</b><br/>Compressors used for H2 compression</p>  | <p> <b>JUSTY Ingénierie Energies</b><br/>Engineering study and consulting agency in renewable energies - wind energy- hydrogen- training</p>                            |
| <p> <b>Greenstat AS</b><br/>Production of green hydrogen</p>   | <p> <b>HPS Home Power Solutions GmbH</b><br/>Integrated systems for the storage and usage of solar energy</p>  | <p> <b>Latvian Hydrogen Association</b><br/>Unite scientist and businessman societies, who work with technologies and materials while exploring renewable resources</p> |
| <p> <b>GSR Ventiltechnik GmbH &amp; Co. KG</b><br/>Valves</p>  | <p> <b>HyCologne e.V.</b><br/>Network for hydrogen, fuel cells and electric mobility</p>   | <p> <b>Leyland Hose &amp; Silicone</b><br/>Silicone hoses</p>   |
| <p> <b>H-TEC SYSTEMS GmbH</b><br/>Electrolyser</p>   | <p> <b>Hydrogen Europe</b><br/>Making hydrogen energy an everyday reality across Europe</p>  | <p> <b>Linde AG</b><br/>Part of the H<sub>2</sub> MOBILITY pavilion</p>   |
| <p> <b>H<sub>2</sub> MOBILITY Deutschland GmbH &amp; Co.KG</b><br/>FCEV and Dispenser, App H2.LIVE, Ride &amp; Drive (with Clean Energy Partnership)</p>   | <p> <b>Hydrogen Power Storage &amp; Solutions East Germany e.V.</b><br/>Hydrogen storage and transport</p>   | <p> <b>MAHYTEC Sarl</b><br/>Material hydrogen technology</p>  |
|  | <p> <b>Hydrogen Sweden</b><br/>Promoting hydrogen as an energy carrier in Sweden</p>   | <p> <b>MAXIMATOR GmbH</b><br/>Testing and Production Systems for hydrogen, H2 compressors, Valves, fittings and tubing for hydrogen applications</p>                    |
|  |   | <p> <b>McPhy Energy SA</b><br/>Electrolyser mockup</p>  |
|  |   | <p> <b>Mehrer Compression GmbH</b><br/>Compressors</p>  |

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 <b>Nel Hydrogen</b> Hydrogen solutions, electrolyser, plants, energy storage, hydrogen fueling stations	 <b>Romanian Association for Hydrogen Energy</b> Development of fuel cell and hydrogen technology in Romania	 <b>TB&amp;C Group</b> Bus Bars, mechanical geardrive, hybrid products
 <b>Nilar Battery</b> Development and manufacturing of advanced NiMH battery energy storage solutions – from battery cell to functional system	 <b>Rouge H2 Engineering GmbH</b> OSOD hydrogen production & lossless solid state storage	 <b>Techno Takatsuki Co., Ltd.</b> Hydrogen recirculation blower (HRB) for fuel cells
 <b>Norwegian Hydrogen Association</b> Information about hydrogen and fuel cell activities in Norway	 <b>sera ComPress GmbH</b> Compressors and compressor systems	 <b>Tenerdis</b> New energy technology cluster
 <b>Nova Werke AG</b> Systems and valves for hydrogen applications	 <b>Sächsische Energieagentur - SAENA GmbH</b> Fuel station for street lights, renault twizy with sensors for automated driving functions, battery home storage system	 <b>Tianjin Mainland Hydrogen Equipment</b> Alkaline high pressure electrolysers, PEM electrolysers, large scale hydrogen plants
 <b>NOVOROCS Technologies LLC.</b> Catalytic Reforming Solutions	 <b>Schrader</b> Systems of hydrogen storage	 <b>Total Deutschland GmbH</b> Part of the H <sub>2</sub> MOBILITY pavilion
 <b>NOW GmbH</b> H2 vehicle tank; in cooperation with H2Mobility and Clean Energy Partnership: FCEV and Dispenser, App H2.LIVE, Ride & Drive	 <b>SFC Energy AG</b> EFOY fuel cells, EFOY energy solutions	 <b>Toyota Deutschland GmbH</b> Part of the Clean Energy Partnership (CEP) fleet at the Ride & Drive
 <b>OMV AG</b> Part of the H <sub>2</sub> MOBILITY pavilion	 <b>Skyre Inc.</b> Hydrogen recycling / hydrogen compression, CO <sub>2</sub> conversion to chemicals and fuels	 <b>VLAD</b> Industrial Batteries
 <b>Palcan Energy Corporation</b> Fuel Cell System Integrator for Vehicles and Backup Power	 <b>Sono-Tek Corporation</b> Ultrasonic spray coating system	 <b>Umoe Advanced Composites AS</b> Composite pressure vessels for storage and transport of hydrogen Containers/tube trailers for transport of hydrogen
 <b>Pecem UG</b> PCM storage	 <b>Spanish Hydrogen Association (AeH<sub>2</sub>)</b> Promotion of hydrogen as an energy carrier in Spain	 <b>Umweltcampus Birkenfeld der Hochschule Trier</b> Examples of customized fuel cells, fuel cell and battery components
 <b>Plastic Omnium</b> Clean propulsion system	 <b>Staiger GmbH &amp; Co. KG</b> Magnetic valves and fluidic blocks	 <b>US Hybrid</b> Integrated fuel cell powerplants
 <b>Pôle Véhicule du Futur</b> Solutions for vehicles & sustainable transportation	 <b>State of Connecticut, DECD, Office of Business and Industry Development</b> Government agency	 <b>VAIREX air systems</b> Air blowers for fuel cells
 <b>PowerCell Sweden AB</b> Fuel cell stacks and systems for mobile and stationary applications	 <b>Steelhead Composites, LLC</b> Hydrogen storage tanks, Composite overwrapped pressure vessels, light weight gas storage	 <b>Ventos Compressors – CET Engineering S.r.l.</b> Hydrogen compressors, diaphragm compressors, oil-free reciprocating compressors
 <b>Powertech Labs Inc.</b> Fuel systems testing	 <b>STREIT Groupe</b> Mechanical components design, machining and assembly	 <b>Viessmann Werke GmbH &amp; Co. KG</b> Fuel cell mCHP system
 <b>Precision Combustion, Inc.</b> Component and system development for ultra-compact fuel reforming solutions to enable fuel cell systems	 <b>sunfire GmbH</b> Power-to-X	 <b>TU Delft - Forze H2 Electric Racing</b> Forze VI Race Car & Racing Simulator
 <b>Pressure Tech Ltd</b> Pressure regulator control valves	 <b>SYS TEC electronic GmbH</b> sysWORXX CTR-700 - Controller for P. Maintenance & C. Monitoring	 <b>WaterstofNet</b> Development and realization of sustainable hydrogen projects and roadmaps to enable zero-emission transport and energy storage
 <b>Proton OnSite</b> Electrolysers, hydrogen generators	 <b>Takaishi Industry Co.,Ltd.</b> Hydrogen-Resistant EPDM (O-ring for H <sub>2</sub> , dispenser: -40°C / 90MPa), Hydrogen-Resistant FKM (O-ring for H <sub>2</sub> , compressor: 150°C / 90MPa)	 <b>WELCON Inc.</b> Diffusion bonding technology, heat exchanger & sink, pre-cooler / inter cooler solutions
 <b>Purification Equipment Research Institute of CSIC</b> H <sub>2</sub> energy application and system integration, H <sub>2</sub> generation by water electrolysis	 <b>Tanaka Kikinzoku Kogyo K.K.</b> Electrode catalysts, reforming catalysts, PROX catalysts, Catalysts for water electrolysis	 <b>Wind 4 future (W4F)</b> Wind Branch: training, innovation, energy storage, international cooperation
 <b>QuinTech</b> Electrolyser, FC stack, monitoring system	 <b>Tandem Technologies Ltd</b> High quality fuel cell hardware	 <b>Zentrum für BrennstoffzellenTechnik ZBT GmbH Duisburg</b> Reduction of technological barriers for innovative companies, especially SMEs
 <b>Resato International BV</b> Several boosters		
 <b>RIX Industries</b> High pressure oil free air and gas compressors and generators		