







-  **Acta S.p.A.**
Hydrogen generator, fuel cell power generator


-  **Agritech Group**
Solar applications for developing countries (decentralized energy supply)


-  **Amminex A/S**
Compact ammonia storage and delivery systems (ASDS)


-  **AppliedSensor GmbH**
Hydrogen sensor module


-  **A.S.T. Leistungselektronik GmbH**
New energy systems, intelligent controls, power electronics


-  **Bac2 Ltd.**
Bipolar plates, Electrophen


-  **Ballard Material Products Inc.**
Gas diffusion layers for fuel cells


-  **Ballard Power Systems Inc.**
PEM hydrogen fuel cells


-  **balticFuelCells GmbH**
quickCONNECT fixture "liquiTEMP", optional tooling, PEFC, DMFC stacks, CCM/MES, engineering


-  **BASF Fuel Cell Inc.**
MEAs and catalysts for PEM-fuel cells


-  **BAXI INNOTECH GmbH**
Stationary PEMFC systems


-  **Borit NV**
Development and manufacturing of metallic bipolar flow plates

-  **Brennstoffzellen Initiative Sachsen e.V.**
Fuel cells, components, reforming, storage


-  **BTI Technologieagentur Dresden GmbH**
Consulting services, European technology transfer


-  **Bürkert Werke GmbH**
Solenoid and process valves, mass flow controllers, sensors


-  **Canadian Hydrogen and Fuel Cell Association**
Raise awareness of the economic, environmental and social benefits of hydrogen and fuel cells


-  **Cargotec Finland Oy**
Fuel cell applications, working machines


- CeTech Co., Ltd.**
Gas diffusion layers, carbon, graphite felt

-  **CETH2**
Hydrogen generators, purification systems, components


-  **Clean Energy Partnership**
Largest project in Europe demonstrating the use of hydrogen as a fuel in everyday transportation


-  **Dana Holding Corporation**
Stack components, balance-of-plant, fuel processors


-  **DBI Gas- und Umwelttechnik GmbH**
CHP and FC system development, engineering in gas production


-  **Deutsches Zentrum für Luft- und Raumfahrt e.V. (DLR)**
Institut für Technische Thermodynamik
R&D, SOFC, PEFC, plasma spraying


-  **E.ON Ruhrgas AG**
International gas company


-  **EBZ Entwicklungs- und Vertriebsgesellschaft Brennstoffzelle mbH**
Components for fuel cell systems, SOFC test rigs, SOFC demonstration systems


-  **Elcogen AS**
SOFC


-  **ElectroChem, Inc.**
Testing, R&D, components

-  **EnBW Energie Baden-Württemberg AG**
Fuel cell technology


-  **ESI Engineering System International GmbH**
CFD simulation for fuel cells, simulation software


-  **European Fuel Cell Forum**
European Fuel Cell Forum 2011

-  **European Hydrogen Association (EHA)**
Promotion of hydrogen as an energy carrier


-  **EWE AG**
Energy services, telecommunications, IT

-  **eZelleron GmbH**
Fuel cells, mobile charging device and power supply


-  **FLEXIVA automation & Robotik GmbH**
FC systems, modular power management systems, bidirectional DC/DC converter 2.5kW


-  **Forschungszentrum Jülich GmbH**
Fuel cells and components


-  **Fraunhofer-Institut für Fertigungstechnik und Angewandte Materialforschung IFAM**
Hydrides for safe and efficient H2 storage

-  **Fraunhofer-Institut für Keramische Technologien und Systeme IKTS**
Fuel cells, energy systems

-  **Fraunhofer-Institut für Solare Energiesysteme ISE**
HT / LT-PEM fuel cell (short) stacks, fuel porator, control & systems electronics

-  **Freudenberg FCCT KG**
Fuel Cell Component Technologies
GDLs, stack sealing, humidifiers, filters

-  **Fronius International GmbH**
Solar Electronics Division
Fronius Energy Cell

-  **Fuel Cell Finland- (The Federation of Finnish Technology Industries)**
Fuel Cell Finland industry group

-  **Fuel Cell Markets Ltd.**
Building partnerships to take H2+FC technologies & services to market

-  **fuelcellmaterials.com**
Standard materials, test equipment

-  **FuelCon AG**
Test and diagnostic systems for fuel cells, batteries

-  **FuMA-Tech GmbH**
Fumion, fumapem and fumasep products for FCs

-  **FutureE Fuel Cell Solutions GmbH**
Fuel cell systems and solutions

-  **Gardner Denver Thomas GmbH**
Oil-free OEM pumps, compressors

-  **Genport srl**
Portable hybrid fuel cell system

-  **German Hydrogen and Fuel Cell Association e.V. (DWV)**
H2/FC organization for information, expertise, networking

-  **GHR Hochdruck-Reduziertechnik GmbH**
Valves for fuel cell systems, solutions for hydrogen applications

-  **Government of Canada, Consulate**
International cooperation, trade and investment relations

-  **GrafTech GmbH**
Fuel cell testing solutions, Innovator Series by Fideris

-  **Greenlight Innovation Corp.**
Testing and diagnostic equipment

-  **H2BZ Wasserstoff- und Brennstoffzellen-Initiative Hessen e.V.**
FCs and electrolyzers

-  **HA Hessen Agentur GmbH, Projekt Brennstoffzelle**
Promote the State of Hessen both in Germany and abroad

-  **Heliocentris Energiesysteme GmbH**
Fuel cell systems for education, system integration, customized energy solutions

-  **Hexis AG**
Fuel cell heater

-  **Hitachi Metals, Ltd.**
Metallic interconnectors for SOFC, metal membranes for hydrogen separation, brazing material























-  **HNP Mikrosysteme GmbH**
Micropumps


-  **Hochschule Rhein-Main**
Physics, medical technology, microsystem technology, computational engineering

















-  **h-tec**
Wasserstoff-Energie-Systeme GmbH
Hydrogen Energy Systems
PEM electrolyser technology

-  **Hüttenberger Produktionstechnik Martin GmbH**
Portable fuel cell 150W

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-  **Hydrogen Energy GWL GmbH**
Hydrogen/oxygen generator, electrolysers
-  **Hydrogenics Corporation**
Hydrogen fuel cells, hydrogen generators, electrolysers
-  **Hydrogen Solutions Deutschland GmbH**
Hydrogen Technologies
-  **Hydrogen Technologies AS**
Water electrolysers for hydrogen production
-  **HySafe AISBL**
Safe introduction of hydrogen technologies and applications
-  **IMM - Institut für Mikrotechnik Mainz GmbH**
Fuel processors, reformers, heat-exchangers
-  **Infraserv GmbH & Co. Höchst KG Business Unit Energies and Utilities**
Technical infrastructure for chemical, pharmaceutical and related process industries
-  **Initiative Brennstoffzelle (IBZ)**
Fuel cell heating systems
-  **Intelligent Energy Ltd.**
Fuel cell power systems, hydrogen generation technology
-  **ITM Power plc**
Green hydrogen generation
-  **IWAKI Europe GmbH**
Pumps for fuel cell manufacturing process
-  **Kaori Heat Treatment Co. Ltd.**
Braze plate heat exchanger, metal honeycomb monolith, heat exchanger for fuel cell / fuel processor, metal manifold
-  **KNF Neuberger GmbH**
Diaphragm gas pumps, liquid, metering pumps, compressors
-  **MAGNA STEYR Fahrzeugtechnik AG & Co. KG,**
Complete vehicle engineering and assembly
-  **MAGNUM Fuel Cell AG**
Test stands, products for decentralized energy production
-  **MES s.a.**
PEMFC stack technology with high power density and low operating temperature
-  **Metro Mold & Design, Inc.**
HT / LT-PEM bi-polar plates and components, valves, manifolds, molds
-  **M-FIELD ENERGY LTD.**
Fuel cell UPS systems
-  **Microtherm N.V.**
Advanced thermal insulation solutions for high temperature applications
-  **MVV Energie AG**
Electricity, gas, district heating, water
-  **Nedstack PEM fuel cells**
PEM fuel cell stacks and systems
-  **NexTech Materials, Ltd.**
Design and manufacture of SOFC, materials, components, H2 sensor

-  **NEXT ENERGY EWE-Forschungszentrum für Energietechnologie e.V.**
Energy Storage, Fuel Cells, Photovoltaics
-  **NOW GmbH**
Leading and coordinating the implementation of the NIP
-  **NTM Sensors**
SenseH2(TM) Hydrogen Sensor
-  **Pearl Hydrogen Technology Co., Ltd.**
Graphite fuel cell bipolar plate, mould bipolar plate, graphite parts
-  **Perma Pure LLC**
Fuel cell humidifiers
-  **PLANSEE SE**
Metallic SOFC-Interconnectors, metal-supported SOFCs
-  **Porextherm Dämmstoffe GmbH**
Microporous insulation materials
-  **PowerCell Sweden AB**
PEM fuel cell, APU
-  **Preco, Inc.**
Laser, die cutting and screen printing solutions
-  **Proton Motor Fuel Cell GmbH**
Fuel cell systems, hybrid systems
-  **Proton Ventures BV**
"Waste2Products"-concept, turning waste into valuable and marketable products
-  **QuinTech e.K.**
Fuel cells, components, test equipment
-  **Rieser Brennstoffzellentechnik GmbH**
Fuel cell heating system Inhouse5000
-  **S++ Simulation Services Ralf Kraume**
Current density distribution measurement, mathematical modeling and simulation
-  **Saia-Burgess Controls GmbH & Co. KG**
PLC based controller, energy meters, building automation
-  **SCHÖTT Electronic Packaging GmbH**
Glass and glass-ceramic sealants for SOFCs
-  **Schunk Bahn- und Industrietechnik GmbH**
Bi-polar plates, components, micro/ mobile/ stationary fuel cells, DMFC, PEMFC
-  **Senior Flexonics plc**
Heat recovery products, heat exchangers, bellows, transfer tubes
-  **sera ComPress GmbH**
Compression, gas and fluid technology
-  **Shanghai Hongfeng Graphite Products Co., Ltd.**
Graphite fuel cell bipolar plate, mould bipolar plate, graphite parts
-  **Solvay S.A.**
Fluoropolymers, engineering polymers for advanced PEFC stack and system components
-  **Sono-Tek Corporation**
Ultrasonic coating systems for fuel cells

-  **staxera GmbH**
SOFC integrated stack module (ISM)
-  **Tanaka Kikinzoku Kogyo K.K.**
Electrocatalyst, prox and combustion catalyst, Pd membrane
-  **Technische Universität Bergakademie Freiberg Institute of Thermal Engineering**
Components for fuel cells, burners, heat exchangers
-  **Tekes Fuel Cell Programme**
Fuel cell development activities in Finland
-  **Topsoe Fuel Cell**
SOFC technology (planar)
-  **TROPICAL S.A.**
Portable fuel cell power generators and battery chargers
-  **Truma Gerätetechnik GmbH & Co. KG**
LPG-powered fuel cell systems
-  **Ulmer Brennstoffzellen Manufaktur GmbH**
Fuel cell stack, applications for the UBzM stack
-  **Umwelt-Campus Birkenfeld / Fuel Cell Centre**
Fuel cell components and systems, R&D
-  **Vaillant Deutschland GmbH & Co. KG**
MicroCHP with fuel cells
-  **VNG - Verbundnetz Gas Aktiengesellschaft**
Supplier of natural gas
-  **VTT Technical Research Centre of Finland**
Research and technology services
-  **Wärtsilä**
Solutions for marine and energy markets
-  **WS Reformer GmbH**
Compact steam reformer
-  **Wuhan WUT New Energy Co., Ltd.**
PEMFC Catalyst Coated Membrane, MEAs
-  **Zentro-Elektrik GmbH KG**
Electrically-controlled power systems
-  **Zentrum für Sonnenenergie- und Wasserstoff-Forschung Baden-Württemberg (ZSW)**
Batteries, lithium-ion-cells, fuel cells, biomass gasification, modelling, testing

Over 120 companies and institutions from 25 countries will exhibit their latest hydrogen and fuel cell products at the Group Exhibit H2+FC at HANNOVER MESSE 2011.