





-  **Acta S.p.A.**
Hydrogen generators, electrolytic stacks, hydrogen oxygen flame generator


-  **Air Squared Inc.**
Scroll compressor and hydrogen recirculation solutions for fuel cell systems


-  **Arctic Power**
R&D, education

-  **Asociación Española del Hidrógeno**
Promotion of hydrogen as an energy carrier


-  **Avalence LLC**
Hydrofiller high pressure hydrogen electrolyzers 250 psl, 1-10kg/day


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

-  **Ballard Power Systems Inc.**
Clean energy fuel cell stacks, modules and complete systems for stationary and mobile applications


-  **balticFuelCells GmbH**
Testing equipment "quickCONNECTfixture", SuSy300 - 300W PEM fuel cell subsystem


-  **BASF SE**
Membrane electrode assemblies for high temperature PEM fuel cells


-  **BAXI INNOTECH GmbH**
Stationary PEMFC systems

-  **Bing Energy International**
Membrane electrode assemblies


-  **Borit NV**
Metallic bipolar plates, interconnects, flow plates for cooling solutions

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


-  **Bürkert Werke GmbH**
Magnet valves, sensors, mass flow controllers


-  **Canadian Hydrogen and Fuel Cell Association**
National non-profit association that supports Canadian corporations, governments, and educational institutions that are developing, demonstrating and deploying hydrogen and fuel cell products and services in Canada


-  **Cargotec Finland Oy**
Environmentally friendly and sustainable load handling applications in ports and terminals


-  **Ceramic Fuel Cells Limited**
Solid oxide fuel cell technology

-  **CETH2**
Hydrogen generator (PEM electrolyser), bioethanol steam reformer


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


-  **ClearEdge Power**
ClearEdge5, ClearEdge Plus, ClearEdge Cp Fuel Cells


-  **Connecticut Center for Advanced Technology, Inc.**
Nonprofit corporation with focus on efficiencies, workforce development and technology


-  **Connecticut Hydrogen- Fuel Cell Coalition**
Coalition of Connecticut's Hydrogen and Fuel Cell Industry and Supply Chain


-  **Daimler AG**
Part of the Clean Energy Partnership (CEP)


-  **Dana Holding Corporation**
Fuel cell stack components, balance of plant components, fuel processor components and sub-systems


-  **DBI Gas- und Umwelttechnik GmbH**
Fuel cell heating system inhouse5000


-  **Deutscher Wasserstoff- und Brennstoffzellen-Verband e.V. (DWW)**
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


-  **Dexmet Corporation**
Expanded metal foils and polymers


-  **EBZ Entwicklungs- und Vertriebsgesellschaft Brennstoffzelle mbH**
SOFC test rigs, porous burner, gas heater, evaporator, heat exchanger


-  **Eisenhuth GmbH & Co. KG**
Bipolar plates, formed seals, components for fuel cells


-  **Elcogen AS**
Intermediate temperature SOFC single cells; IT-SOFC stack


-  **Elcore GmbH**
Fuel cell systems for combined heat and power generation in individual homes (micro-CHP) and large facilities


-  **EnBW Energie Baden-Württemberg AG**
Power generation in buildings using fuel cells


-  **Entegris Inc.**
Fuel cell plates, balance of plant


-  **E.ON Ruhrgas AG**
Power generation in buildings using fuel cells


-  **ErreDue S.p.A.**
Hydrogen, nitrogen, oxygen generators


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


-  **EWE AG**
Power generation in buildings using fuel cells


-  **eZelleron GmbH**
Gas battery go:batt 125


-  **FLEXIVA automation & Robotik GmbH**
DC/DC and DC/AC modules, power management systems, hybrid systems, fuel cell systems (300, 600W)


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

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

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

-  **Fraunhofer-Institut für Solare Energiesysteme ISE**
Vanadium redox-flow-stack; portable fuel cell system

-  **Freudenberg FCCT KG**
Fuel Cell Component Technologies
Gas diffusion layer, stack sealing solutions, fuel cell filter, humidifier

-  **Fuel Cell Finland**
The Federation of Finnish Technology Industries
Accelerating the utilization of fuel cells through networking

-  **Fuel Cells and Hydrogen Joint Undertaking**
Partnership supporting R&D and demonstration of H2+FC technologies in Europe

-  **FuelCon AG**
Testing & assembling systems for PEM, DMFC and SOFC fuel cells up to 150kW and for electrolyzers; testing solutions for batteries

-  **FuMA-Tech GmbH**
Fumion, fumapem and fumea membranes for batteries and fuel cells, fumasep membrane humidifier

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

-  **Gardner Denver Thomas GmbH**
OEM compressors and vacuum pumps, fluid pumps

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

-  **GM / Adam Opel AG**
Part of the Clean Energy Partnership (CEP) fleet at the Ride & Drive

-  **Greenlight Innovation Corp.**
Testing and diagnostic equipment for fuel cells, electrolyzers and batteries, control software

-  **GSR Ventiltechnik GmbH & Co KG**
Valves and fittings

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

-  **H2 Nitidor s.r.l.**
Electrolyser, compressor, gas analyser

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

-  **HaikuTech Europe B.V.**
Tape casters, screen printers, stacking machines, isostatic presses, cutting machines, SOFC cells, green tapes, binders, pastes, ceramic materials

-  **HASKEL France SAS**
High pressure gas boosters, mechanical diaphragm, high pressure components (valves, fittings)

-  **Heliocentris Energiesysteme GmbH**
Nexa fuel cell system, energy manager

-  **Hexis AG**
Fuel cell heater

-  **HIAT gGmbH, Hydrogen and Informatics Institute of Applied Technologies**
Development and characterization of fuel cell components and small systems

-  **Hitachi Metals, Ltd.**
Metallic interconnectors for SOFC (etching and expander material)

-  **HNP Mikrosysteme GmbH**
Micro annular gear pumps


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


Continued on page 2...

 **Honda R&D Europe (Deutschland) GmbH**
Part of the Clean Energy Partnership (CEP) fleet at the Ride & Drive

 **H-TEC SYSTEMS**
PEM electrolyzers

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


 **Hydrogenics Corporation**
Fuel cell systems and applications; electrolysis and components

 **HypTec GmbH**
700 bar-GH2 - pressure regulator, 700 bar-GH2 - on tank valve, 700 bar-GH2 pressure regulating valve

 **HyER, Hydrogen Fuel Cells and Electro-Mobility in European Regions**
Accelerating the deployment of electric battery and fuel cell vehicles and their required infrastructure in local transport systems

 **HySafe**
Information and contacts concerning hydrogen safety

 **IMM - Institut für Mikrotechnik Mainz GmbH**
Reformers, heat exchangers

 **Initiative Brennstoffzelle (IBZ)**
Heat and power generation in buildings using fuel cells

 **Intelligent Energy Ltd.**
30kW fuel cell system, fuel cell stacks, 2-wheeled vehicles

 **ITM Power plc**
Hydrogen generators, HBox, HPac, HFlame, HFuel


 **ITM Power GmbH**
Hydrogen generators, HBox, HPac, HFlame, HFuel

 **JX Nippon Oil & Energy Corporation**
SOFC micro-CHP

Kaori Heat Treatment Co. Ltd.
Fuel processor/reformer, plate-type heat exchanger


 **Karlsruhe Institute of Technology (KIT)**
Fuel cell bus

 **KNF Neuberger GmbH**
Diaphragm vacuum pumps and compressors, diaphragm liquid pumps, metering pumps

 **Linde AG**
Ionic compressor and cryogenic pump models

 **MAGNA STEYR Fahrzeugtechnik AG & Co. KG**
High pressure storage systems

 **MAHYTEC Sarl**
Tanks, demonstrators

 **Metro Mold & Design, Inc.**
Tooling, molded blank and net shape bi-polar graphite plates, machined graphite bi-polar plates, other molded + machined balance of plant components

 **MVV Energie AG**
Power generation in buildings using fuel cells

 **National Research Tomsk Polytechnic University, Institute of Physics and Technology**
Installations to modify solid surfaces with plasma beams


 **NEL Hydrogen AS**
Hydrogen electrolyser plants

 **NEXT ENERGY EWE-Forschungszentrum für Energietechnologie e.V.**
Fuel cells: Micro-CHP-systems, materials, characterisation; Energy storage: Battery development, battery system technology

 **Next Hydrogen Corporation**
Hydrogen generator solutions with patent-pending water electrolyser technology

 **NIPPON KODOSHI CORPORATION**
Electrolyte membranes for fuel cells

 **NOW GmbH**
Leading and coordinating the implementation of the NIP

 **Pearl Hydrogen Technology Co., Ltd.**
Fuel cells and fuel cell solutions for niche transportation, portable power and backup power

 **Perma Pure LLC**
Fuel cell humidifiers

 **PLANSEE SE**
CFY-Interconnectors for SOFCs; ITM-Interconnectors for mobile SOFC-APU; MSC-cells for mobile SOFC-APU


 **Porextherm Dämmstoffe GmbH**
Microporous insulation materials

 **PowerCell Sweden AB**
PEM fuel cell stack reformate & pure hydrogen, APU

 **Precision Combustion, Inc.**
Fuel reformers, fuel processors, anode gas oxidizers

 **Promat High Performance Insulation (Microtherm N.V.)**
High performance insulation solutions; microporous insulation materials

 **Proton Motor Fuel Cell GmbH**
Fuel cell stacks, fuel cell systems

 **Proton OnSite**
Electrolysis systems, stacks, services, product capabilities, engineering services, customer services, and project solutions

 **QuinTech e.K.**
Fuel cells, components, test equipment


 **Riesaer Brennstoffzellentechnik GmbH**
Fuel cell heating system Inhouse5000

 **S++ Simulation Services Ralf Kraume**
Current density distribution measurement devices

 **Saia-Burgess Controls GmbH & Co. KG**
PLC based controller, energy meters, building automation


 **Schunk Bahn- und Industrietechnik GmbH**
Bi-polar plates, components, micro/ mobile/ stationary fuel cells, DMFC, PEMFC


 **SEJONG Industrial Co., Ltd.**
Portable fuel cell system, sensor

 **Serenergy A/S**
High temperature PEM fuel cell systems, reformed methanol fuel cell systems, high temperature PEM liquid cooled stacks, high temperature PEM test systems

 **Sono-Tek Corporation**
Ultrasonic coating systems for fuel cells


 **State of Connecticut**
Government agency

 **staxera GmbH**
SOFC stacks and stack modules, system components, system demonstration units, Power to Gas, Power to Liquid, engineering services

 **SunFire GmbH**
SOFC stacks and stack modules, system components, system demonstration units, Power to Gas, Power to Liquid, engineering services

 **Tekes Fuel Cell Programme**
Demo2013 - a demonstration in a major port facility presenting the results of the Finnish Fuel Cell Programme

 **Topsoe Fuel Cell**
SOFC technology (planar)

 **Toyota Deutschland GmbH**
Part of the Clean Energy Partnership (CEP) fleet at the Ride & Drive

 **TROPICAL S.A.**
Hydrogen portable fuel cell power generator, natural gas fuel cell power generator

 **Truma Gerätetechnik GmbH & Co. KG**
LPG-powered fuel cell systems


 **Ulmer Brennstoffzellen Manufaktur GmbH**
PEM fuel cell stacks, modular fuel cell system concept

 **Umwelt-Campus Birkenfeld / Fuel Cell Centre**
Fuel cell components and systems, R&D

 **UTC Power**
The PureCell® System and PureMotion® System

 **Vaillant Deutschland GmbH & Co. KG**
MicroCHP with fuel cells

 **VDMA AG Brennstoffzellen**
Fuel cells

 **Ventos Compressors - CET Engineering srl**
Hydrogen compressors, membrane / diaphragm compressors

 **VNG - Verbundnetz Gas AG**
Power generation in buildings using fuel cells

 **Volkswagen AG**
Part of the Clean Energy Partnership (CEP) fleet at the Ride & Drive

 **VTT Technical Research Centre of Finland**
Research and expert services

 **Wärtsilä Finland Oy**
Fuel cells

 **WS Reformer GmbH**
Reformer, hydrogen generator, fuel cell

 **Zentro-Elektrik GmbH KG**
Electrically-controlled power systems

 **Zentrum für Sonnenenergie- und Wasserstoff-Forschung**
Batteries, lithium-ion-cells, fuel cells, biomass gasification, modelling, testing

Around 150 companies and institutions from 25 countries will exhibit their latest hydrogen and fuel cell products at the Group Exhibit H2+FC at HANNOVER MESSE 2012