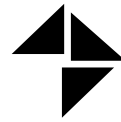




## **PRESSEMITTEILUNG**



Hydrogen Filling Station Consortium

**EUHYFIS**

Arbeitsgemeinschaft  
Wasserstoff-Tankstelle

c/o PLANET

Planungsgruppe Energie und Technik GbR

Donnerschweer Str. 89/91  
D-26123 Oldenburg

Telefon +49-(0)441 - 8 50 51

Fax +49-(0)441 - 8 80 57

E-mail: [info@EUHYFIS.com](mailto:info@EUHYFIS.com)

### **Hydrogen Filling Station EUHYFIS: Driving with Wind and Solar Energy Onboard – a Milestone Towards Environmentally Benign Fuel Supply**

The Hydrogen Filling Station Consortium will be presenting its project EUHYFIS (EUropean HYdrogen Filling Station) at the Hannover Fair from 23 to 28 April 2001. The station is an important element for the future hydrogen infrastructure in transport. All major vehicle manufacturers have produced prototypes with hydrogen propulsion. Equipment for hydrogen fuel supply, though, is still at development stage. EUHYFIS closes this gap with a system of modular design that can be delivered as a pre-assembled unit.

Hydrogen is generated on site of the station by electrolysis (water splitting) using electricity. A core element of the EUHYFIS concept is to rely on renewable energy sources. Fuel supply therefore will be free of greenhouse gases and other harmful emissions.

The hydrogen gas is compressed and stored in steel bottles. Refuelling is similar to that of gasoline or diesel but requires pressure-tight equipment. When consuming the hydrogen in fuel cell vehicles, water vapour will be the only exhaust gas. In this way, zero-emission transport becomes a reality!

The Hydrogen Filling Station Consortium consists of three companies:

- Bauer Kompressoren GmbH, Munich/Germany      compressors, refuelling units
- Casale Chemicals S.A., Lugano/Switzerland      electrolyzers, chemical engineering
- PLANET GbR, Oldenburg/Germany      system development, project management

**Group Exhibition „Hydrogen and Fuel Cells“ Hall 18, Booth J 04/05**

**Contact persons: Dipl.-Phys. Klaus Stolzenburg and Dr. Robert Steinberger-Wilckens,  
Address, phone, fax and e-mail as above, or mobile under +49 (0)171 - 627 36 85.**

**For further information, please also refer to: [www.EUHYFIS.com](http://www.EUHYFIS.com)**