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# World Hydrogen Energy Conference 2010

World Hydrogen Energy Conference 2010, From 16 to 21 May 2010 in Essen, Germany ([www.whec2010.com](http://www.whec2010.com) )

A reliable energy supply is a necessary precondition for social wellbeing and economic prosperity. The present fossil-fuel-based energy system is relatively inefficient and has been identified as the major cause of global climate change and local air pollution. Furthermore, such fuels are subject to supply-security issues associated with price fluctuations. Today, government, industry and the scientific community are striving to reduce greenhouse gas emissions. Alternative sources of primary energy and energy-efficiency measures are now being harnessed with a view to improving energy-supply security.

Hydrogen has excellent prospects as an energy hub for a wide range of energy applications in transport and both stationary and portable power generation. Intensive worldwide efforts have resulted in significant advances in technologies used in the supply and use of hydrogen. In view of the many remaining unresolved issues, there is still a strong need for further scientific and technical progress.

The commitment of industry, societal support for innovation and effective market-launch strategies for hydrogen and fuel cells are essential prerequisites. Organised under the auspices of the International Association for Hydrogen Energy (IAHE), the 18th World Hydrogen Energy Conference 2010 (WHEC2010) is devoted to promoting hydrogen as an energy hub in support of progress toward a sustainable and climate-friendly energy economy. This year's event builds on the history and tradition of the WHEC, which dates back to 1976. The WHEC has always served as a forum for examination and discussion of the status of hydrogen technologies and the global political framework. With a combination of scientific presentations, strategic discussions and educational programme highlights, WHEC2010 will provide delegates from the academic, scientific and political communities as well as the private sector a unique opportunity to share information.

Detlef Stolten  
Conference Chairman