



Australian Government
Department of Industry
Tourism and Resources

Country Report

AUSTRALIA

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Overview

- **New hydrogen materials alliance - CSIRO**
- **Hydrogen technology demonstration projects**
- **Hydrogen workshops and conferences**



The National Hydrogen Materials Alliance



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Goals

- **New materials that improve the efficiency and economics of hydrogen generation, storage and use**
- **Draw together Australian expertise in the above fields to work in an “alliance” mode**
- **Focus this expertise into the most promising R&D direction for Australian conditions**
- **Formal program launch - November 2006**



The National Hydrogen Materials Alliance



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- **Funding - approx. \$2M/year (\$1M cash from CSIRO, matched by \$1M in-kind from participants) for an initial life of 3 years**
- **12 university & research organisation participants from around Australia**
- **Activities are split into two Streams**
 - **Stream 1: generation and end use**
 - **Stream 2: storage**





Hydrogen technology demonstration projects



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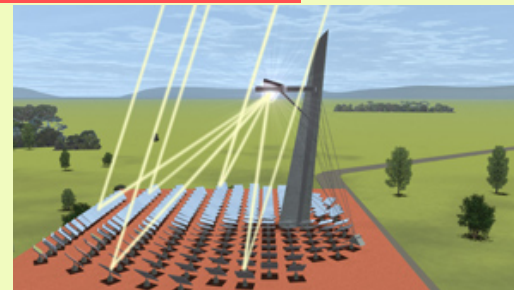
- **Sustainable Energy Transport for Perth (STEP), co-partnered with CUTE-ECTOS**

www.dpi.wa.gov.au/ecobus



- **Hydrogen from the solar reforming of methane**

www.det.csiro.au/science/r_h/nsec.htm



Sustainable Energy Transport for Perth (STEP)



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- **Additional \$1.75m to extend the Perth Fuel Cell Bus Trial for a further 12 months, to September 2007**
- **Focus will be:**
 - **On technology transfer, in order to develop local industries**
 - **On overcoming technical hurdles such as wider availability of ultra-pure hydrogen and improving refueller reliability**



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Hydrogen Workshops and Conferences

- **Alternative Transport Energies Conference, Perth, Western Australia, 10 - 13 Sept 2006**
- **17th World Hydrogen Energy Congress (WHEC) 2008, Brisbane. www.whec2008.com**

Alternative Transport Energies Conference



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Photos courtesy of Arno Evers, www.fair-pr.com

6th IPHE Steering Committee Meeting, Reykjavik, Iceland 26-27 Sept 2006

17th World Hydrogen Energy Congress



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WHEC2008

17th World Hydrogen Energy Conference

Hosted by



15-19 June 2008 Brisbane Convention and Exhibition Centre, Queensland Australia

