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# Australian Hydrogen Activity Report

- Builds on the 2003 National Hydrogen Study.
- Activity Report is a catalogue of Australian hydrogen-related research and technology.



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# Australian Hydrogen Activity Report

- Assembles information on Australian bodies engaged in hydrogen-based energy technologies;
- Identifies core competencies, niches of excellence, and areas of current business and industry focus.
- Information gathered will strengthen interface with IPHE members and other prospective research partners.



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# Australian Hydrogen Activity Report

## **Type of Activities reported:**

- Scientific research and technology development;
- Demonstration projects;
- Technology transfer and diffusion;
- Market introduction/deployment initiatives;
- Research related to safety, codes and standards.



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- Over 120 research projects listed (many are small)
- An array of interesting subjects including:
  - Hydrogen production from renewables;
  - Polymer membrane electrolysis;
  - Direct solar electrochemical splitting;
  - Natural gas reforming;
  - Hydrogen production from biomass;
  - Hydrogen storage using nano-materials.



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- Australia is now better positioned to engage in international activities with IPHE members.