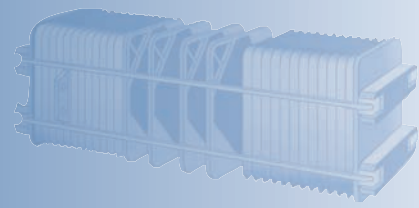
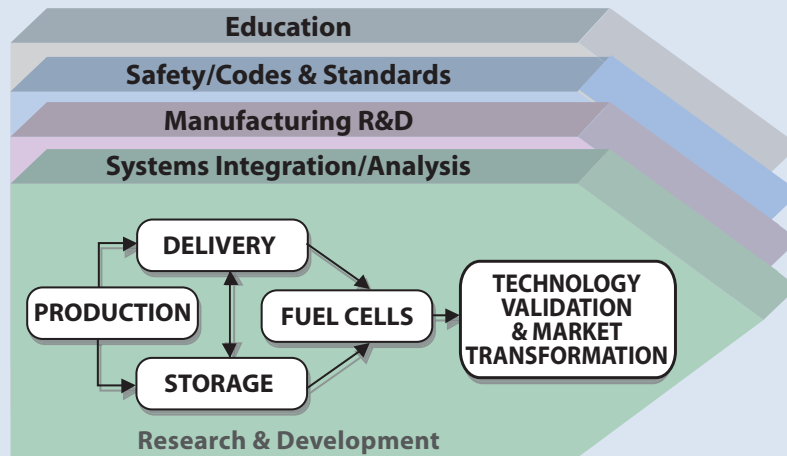


Paving the way
toward a hydrogen
energy future



Hydrogen, Fuel Cells & Infrastructure Technologies Program Multi-Year Research, Development and Demonstration Plan

Planned program activities for 2005-2015



U.S. Department of Energy

Energy Efficiency and Renewable Energy

Bringing you a prosperous future where energy is clean, abundant, reliable, and affordable

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Foreword

In FY2004, the U.S. Department of Energy accelerated the [DOE Hydrogen Program](#) to reverse America's growing dependence on foreign oil by developing the technology needed for commercially viable hydrogen-powered fuel cells — a way to power cars, trucks, homes and businesses that could significantly reduce pollution and greenhouse gas emissions. The Program works with industry, national laboratories, universities, government agencies, and other partners to overcome the challenges to commercialization of hydrogen and fuel cell technologies. The Program integrates R&D activities in hydrogen production, delivery, storage, and fuel cells within DOE's Offices of Energy Efficiency and Renewable Energy (EERE); Nuclear Energy, Science and Technology; Fossil Energy; and Science.

This Multi-Year Research, Development and Demonstration Plan details the goals, objectives, technical targets, tasks and schedule for EERE's contribution to the DOE Hydrogen Program - the *Hydrogen, Fuel Cells and Infrastructure Technologies* Program. Similar detailed plans exist for the other DOE offices and can be found at <http://www.hydrogen.energy.gov>. The DOE Hydrogen Posture Plan is the integrated plan for all four offices and can be found at http://www.hydrogen.energy.gov/pdfs/hydrogen_posture_plan_dec06.pdf.

The *Hydrogen, Fuel Cells and Infrastructure Technologies* R&D Plan is a living document and will be updated periodically to reflect advances in technology and changes in the Program scope. The first draft of the Plan was released in June 2003 and was reviewed by the National Research Council and the National Academy of Engineering, leading to the first revision in January 2005. This present version reflects the progress made since then. Details on every project funded by the Program can be found in the Annual Progress Report available at http://www.hydrogen.energy.gov/annual_progress06.html.

Document Revision History

This table summarizes the revisions to the *Hydrogen, Fuel Cells and Infrastructure Technologies Program Multi-Year Research, Development and Demonstration Plan*.

Date	Description
June 6, 2003	Draft prepared for review by the National Academies' Committee on Alternatives and Strategies for Future Hydrogen Production and Use
January 21, 2005	Revised plan reflecting recommendations made by the National Academies and progress made since the 2003 draft release.
October 2007	Updated edition reflecting technical progress and changes in Program scope since the 2005 release.

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