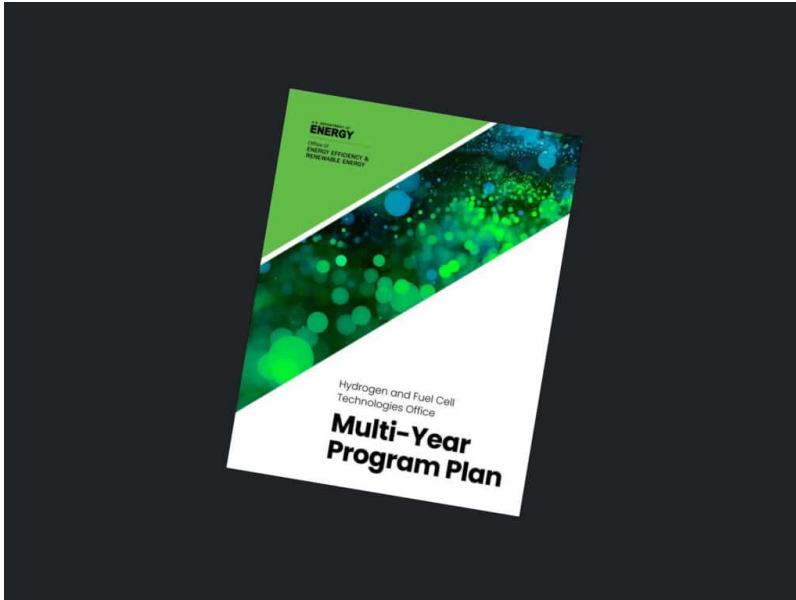


US Department of Energy charts course for clean hydrogen future

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The U.S. Department of Energy's (DOE) Hydrogen and Fuel Cell Technologies Office (HFTO) has unveiled its Multi-Year Program Plan (MYPP), a roadmap outlining its mission, goals, and strategic approach to advancing clean hydrogen and fuel cell technologies.

Aligned with the National Clean Hydrogen Strategy and Roadmap, the MYPP identifies key challenges and proposes solutions through HFTO's research, development, and demonstration (RD&D) activities. These activities aim to unlock the full potential of clean hydrogen and fuel cells in the near, mid, and long term.

A Guide for Stakeholders and the Public

Structured with an Executive Summary followed by sections on program implementation, specific focus areas, and technical details, the MYPP serves as both an operational guide for HFTO and a valuable resource for stakeholders and the public. It provides a clear overview of HFTO's priorities and the critical RD&D pathways that will de-risk and advance technologies crucial to a thriving clean hydrogen economy.

The MYPP outlines specific cost reduction targets for key technologies, including:

- Clean hydrogen production cost: \$2 per kilogram by 2026 and \$1 per kilogram by 2031
- Electrolyzer systems: \$250 per kilowatt (low-temperature) and \$500 per kilowatt (high-temperature) by 2026
- Dispensed hydrogen cost for heavy-duty vehicles: \$7 per kilogram by 2028
- Fuel cell systems for heavy-duty transportation: \$80 per kilowatt by 2030

The document also provides summaries of the technical areas covered and links to detailed information on targets and resources for each technology.

[You can read the full report here](#)

Overall, the HFTO's MYPP signifies a significant step towards a clean energy future powered by hydrogen and fuel cells.