

Hydrogen Earthshot: DOE's Efforts to Catalyze a Clean Hydrogen Industry
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The DOE's Hydrogen Program funds research, development, demonstrations, and deployments across hydrogen production, distribution, storage, and use. In this presentation, Neha Rustagi will provide an overview of these activities, and describe strategic market segments within industry, transportation, and the energy grid where hydrogen can support decarbonization toward a net zero economy by 2050. She will also describe DOE's analytical tools that characterize cost and emissions savings from hydrogen technologies, recent analyses that identified market potential for hydrogen across sectors, and international collaborations, such as the International Partnership for Hydrogen in the Economy, that are working to address pre-competitive barriers to deployments of hydrogen technologies.