

International Partnership for Hydrogen and Fuel Cells in the Economy

United States Update

Dr. Sunita Satyapal 36th IPHE Steering Committee Meeting 16 – 17 November 2021 Virtual Meeting

Announcements / New Initiatives *United States*



Investments/Initiatives

- BIB covering \$9.5B in H2
- Two new DOE Earthshots announced:
 - Carbon Negative
 - Long Duration Storage

New RDD&D Activities

- >\$50M for 31 projects to advance Hydrogen Shot
- ~\$200M in 25 projects to advance trucks, includes H2

Key Collaborations

- H2 Shot summit included diverse representation (e.g., technical, EJ and state/local leaders)
- Workshops and new announcements in collaboration with MI & CEM (e.g., off road workshop and H2 Twin Cities)

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36th IPHE Steering Committee November 2021 First Ever DOE Hydrogen Shot Summit Held on Aug 31- Sep 1

3,200 + attendees from 48 states + DC 33 countries + USA

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\$8B - Regional clean hydrogen hubs \$1.5B - Electrolysis and clean hydrogen RDD&D



COP 26 US Pavilion announcements included new global collaboration activities

Oct 8 campaign announcements (e.g., \$20M H2 to nuclear project)



United States– Profile November 2021

November 2021





Examples of Lessons Learned and Impact *United States*



Program initiative, policy, regulation or mandate	Lessons Learned/Outcomes
 The first ever Hydrogen Shot Summit convened more than 3,200 stakeholders covering diverse perspectives: Technical areas (electrolysis, thermal, advanced pathways Deployment and tech to market Environmental justice Local and regional leaders (including Tribal Nations) Federal branches (executive, legislative) 	 Need more engagement by disadvantaged communities and environmental justice stakeholders Lack of resources and education is a barrier to participation



Thank you



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