



IPHE Country Update Nov 2024 – Apr 2025: Saudi Arabia

Name	Sami Alsaadan
Contact Information	sami.saadan@moenergy.gov.sa +966505827986
Covered Period	First steering committee meeting update

1. New Initiatives, Programs, and Policies on Hydrogen and Fuel Cells

- Finalized the national clean hydrogen strategy
- Designated a national champion for renewable-based hydrogen (green hydrogen)
- Allocated 1,000+ km² of land for renewable-based hydrogen (green hydrogen)
- Allocated additional natural gas and carbon dioxide storage capacity for natural gas- based hydrogen (blue hydrogen) projects
- Established a regulation task force and started the development of clean hydrogen regulations in Saudi Arabia

2. Hydrogen and Fuel Cell R&D Update

No major update

3. Demonstration, Deployments, and Workforce Developments Update

- Completed three hydrogen mobility pilot projects across three different terrains, covering hydrogen buses and light-duty vehicles. The from these pilots are utilized in the development of regulation and standards.

4. Events and Solicitations

No major update

5. Investments: Government and Collaborative Hydrogen and Fuel Cell Funding

- Provided dedicated funding of over 10 million USD to support R&D in innovative hydrogen technologies, focusing on cost-effective production and end-use applications.

6. Regulations, Codes & Standards, and Safety Update

- Established a regulation task force and started the development of clean hydrogen regulations in Saudi Arabia