



International Partnership
for Hydrogen and Fuel Cells
in the Economy

South Africa Update

36th IPHE Steering Committee Meeting

16 – 17 November 2021

Virtual Meeting

Announcements / New Initiatives: *South Africa*

• Key Collaborations during the Development of the Hydrogen Society Roadmap (HSRM)

Milestones



South Africa – Profile November 2021

Status of Deployments

Currently, deployments are happening on a project by project basis. However, a more integrated deployment strategy is expected following the approval of the Hydrogen Society Roadmap

Leading Government Initiatives

- Approval of the Hydrogen Society Roadmap by Cabinet on 14 September 2021. The document is now in final preparation for public release.
- Cabinet also approved the extension of the HySA Programme for an additional ten (10) years for the Programme to provide the technical expertise in support of the implementation of the Hydrogen Society Roadmap.
- Approval and release of the updated Nationally Determined Contributions (NDCs), <https://www4.unfccc.int/sites/ndcstaging/PublishedDocuments/South%20Africa%20First/South%20Africa%20updated%20first%20NDC%20September%202021.pdf>
- Release of the Hydrogen Valley Feasibility Study Report on Hydrogen Day (8 October 2021). https://www.dst.gov.za/images/2021/Hydrogen_Valley_Feasibility_Study_Report_Final_Version.pdf.

Goals or Focus Areas

- **Decarbonisation of transport sectors:** heavy duty trucks, shipping, aviation and rail
- **Decarbonisation of energy intensive industry:** steel, chemicals, mining, refineries, cement
- **Creation of an export market for green hydrogen and ammonia**
- **Green and enhanced power sector and buildings**
- **Creation of a manufacturing sector for hydrogen products and components**

Deployment Goals

- Major Deployment goals and catalytic projects will be covered in the Hydrogen Society Roadmap

Funding for 2021/22

- Approved RDI Budget for 2021/22 is USD5.8 million

Thank you



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