South Africa Update

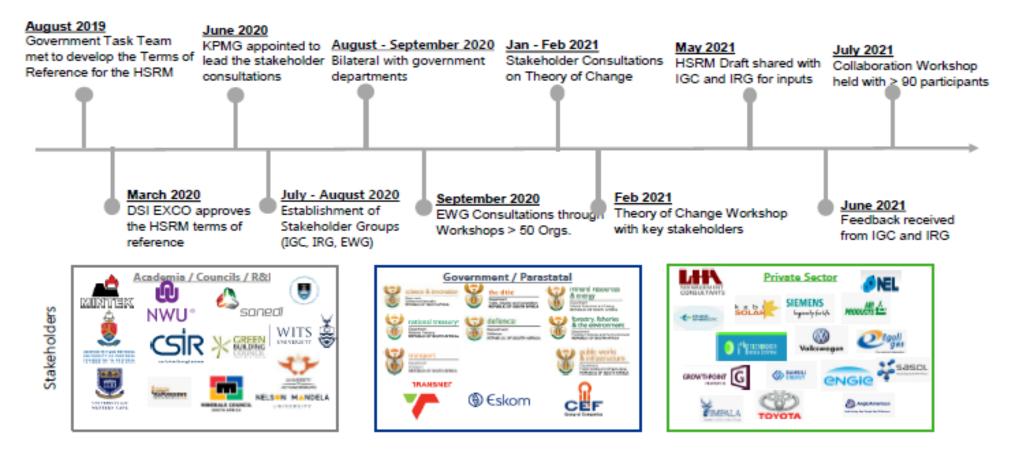
36th IPHE Steering Committee Meeting 16 – 17 November 2021 Virtual Meeting



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%2016
 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.

Deployment Goals

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

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

Funding for 2021/22

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



Thank you



International Partnership for Hydrogen and Fuel Cells in the Economy