

Hydrogen Infrastructure within HySA National Program in South Africa: road map and specific needs

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ABSTRACT

The Department of Science and Technology of South Africa developed the National Hydrogen and Fuel Cells Technologies (HFCT) Research, Development and Innovation Strategy. The National Strategy was branded Hydrogen South Africa (HySA). HySA has been established consisting of three Competency Centres - HySA Infrastructure, HySA Catalyst and HySA Systems. The scope of the Hydrogen Infrastructure Competency Centre (HySA Infrastructure CC) is to develop applications and solutions for small- and medium-scale hydrogen production through innovative research and development to promote beneficiation of Platinum-Group Metals (PGM). The aim of this paper is to present an overview of the HySA Infrastructure CC.