

Deputy Minister Swarts highlights SA's prime position to becoming a leader in Green Hydrogen production

By Bukiwe Cimela

The Department of Public Works and Infrastructure (DPWI) Deputy Minister (DM) Bernice Swarts, MP - addressed the 1st Southern African - European Green Hydrogen Conference currently being held in Luanda, Angola.

In her address, DM Swarts highlighted some of South Africa's advantages of becoming a world class Green Hydrogen production hub. These include a superior renewable energy endowment with a combination of wind and solar irradiation, vast pieces of land not suitable for agriculture and human settlements on which to produce this renewable energy, the availability of water through the desalination of sea water and the largest industrial base on the African continent which allows for both domestic consumption and the ability to produce value added products such as green steel and green fertilisers.

According to the Deputy Minister, South Africa has a pipeline of Green Hydrogen Strategic Integrated Projects, with a capital cost in excess of US\$20 billion - stemming across multiple elements such as green ammonia, e-methanol, sustainable aviation fuel, green steel, fuel cell manufacturing, mobility and infrastructure.

The three-day Green Hydrogen Forum that has brought together over 200 delegates from various countries in Africa, Europe and Asia – who are presenting among others, solutions for the creation and development of hydrogen industries, will end on the 2nd of June 2023.