



SAYNPS Webinar

22 July 2020

"The Role of the Youth in the Nuclear Energy Programme".

SAYNPS champions the interests of all young professionals



SAYNPS advocate for youth skills development, preservation and propagation of nuclear knowledge, expertise and its application



providing a pool of dedicated practitioners in the entire nuclear value chain in our country



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Nuclear Energy is among energy technologies



Nuclear technology has lowest GHG emissions therefore it has a big role in energy transition



Department released a Request For Information (RFI) in respect of the **Nuclear New Build Power Procurement Programme for 2500MW**



RFI aims to address some of the issues such as; **realistic costing, funding and ownership model**



IRP 2019 envisages a **balanced energy mix with nuclear** as an integral part of our baseload



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SAYNPS Webinar takes place in a time when the country is facing Covid-19 pandemic



South African nuclear employees have been identified as among the key workers that are essential to maintaining important infrastructure both in Koeberg Power Station and Necsca



There has been no reports of **enforced shutdown** of a nuclear power reactor due to the effects of **COVID-19** on the workforce or supply chains



Operations have continued ensuring **safety and security** at Koeberg and Necsca even as the pandemic has impacted them in various ways



Since the imposition of national lockdown in late March, NTP had been able to dispatch more than **120 shipments of medical radioisotopes** to customers around the world



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Department developed the Youth Strategy for the energy sector to address young people challenges



Youth strategy recommends that Infrastructure development, maintenance and energy diversification are necessary to **boost job creation**



Access to funding and market, and removing barriers of entry to the sector will be key to **advance entrepreneurship and access to business opportunities**



The energy sector needs **skills such as engineers, project managers, researchers, innovators, nuclear technologist and scientists** to increase economic growth



The strategy recommends the establishment of the **Energy Sector Youth Council (ESYC)**, which will be a youth representative structure



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Department strengthens regulatory frameworks in the nuclear sector



Department has **published draft Regulations** on Long Term Operations of Nuclear Installations **for public comment**



Department to **publish the Radioactive Waste Management Fund bill** by end of this financial year



Amendments to the National Nuclear Regulator Act **for public comment**



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Transfer of knowledge and skills in the nuclear sector



Young professionals and employers must ensure that there are formalised programmes within organisations to ensure skills development and transfer



Youth to use the training opportunities available to enhance their skills and knowledge



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