



NSTF Annual Energy Discussion Forum 24-25 April 2024

The [National Science and Technology Forum \(NSTF\)](http://www.nstf.org.za) @NSTF_SA is hosting a discussion on the ongoing energy crisis in South Africa, and bringing together various researchers and professionals to highlight South African initiatives, policies and research that can contribute to addressing the energy crisis.

Programme

Day 1: 9:00 to 13:00

Time starting	Time ending	Topic	Speaker/ Organisation
9:00	9:10	Welcome to participants and introductions; programme, outputs, and intended outcomes	Ms Jansie Niehaus , Executive Director: NSTF
09:10	09:50	Skills Development in South Africa for a Just Transition	Ms Tshwanelo Rakaibe , Senior Researcher: Energy Research Centre, Council for Scientific and Industrial Research (CSIR) @CSIR
09:50	10:00	Q&A	ALL
10:00	10:30	A Just Transition to renewable energy sources	Mr Steve Nicholls , Head: Climate Mitigation, Presidential Climate Commission (PCC) @ClimateZA

10:30	11:00	Supporting South African Cities To Deliver An Energy Secure Future: Accelerating the direct sourcing of renewables in SA C40 Cities	Ms Hlengiwe Radebe, Renewable Energy Technical Adviser: C40 Cities @C40Cities
11:00	11:30	The Silent Revolution – dispelling myths, breaking barriers	Mr Davin Chown, Managing Director: Genesis Eco-Energy Developments and Genesis Infrastructure and Renewable Energy Group @GenesisEnergy
11:30	13:00	Q&A and Discussion	All

Day 2: 9:00 to 13:30

Time starting	Time ending	Topic	Speaker/ Organisation
09:00	9:10	Welcome to participants & introductions	Ms Jansie Niehaus, Executive Director: NSTF
Panel: Skills needs, upskilling and youth empowerment			
9:10-9:55		Institutionalising the skills ecosystem for a Just Transition	Mr Devan Pillay, Head: Employment Strategy: Presidential Climate Commission (PCC) @ClimateZA
		Power systems analysis, designs and innovation applications in BESS & Microgrids	Mr Mfundi Songo, Senior Manager: Technology & Engineering, Eskom @eskom_sa
		Sustainable energy sector skills development in South Africa	Ms Robyn Vilakazi, Skills Development and Quality Assurance Executive: Energy and

			Water Sector Education and Training Authority (EWSETA) @EWSETA
9:55	10:25	Energy in Industrial spaces in South Africa	Mr Bernd Oellerman , National Cleaner Production Centre: Council for Scientific and Industrial Research (CSIR) @CSIR
Panel: Meeting energy demand at local government level			
10:25-11:10		Event Horizon at the Load Centres: Dealing with load shedding accelerated business disruption at Cape Town's electricity distribution utility	Mr Adrian Stone , Manager: Data Management and Integration Platforms, Sustainable Energy Markets, City of Cape Town Energy Directorate @cityofct
		Municipal new energy business model to meet the demand	Dr Silas Mulaudzi , Specialist: Sustainable Energy, South African Local Government Association (SALGA)- Did not have the opportunity to present. @salga_gov
		A proposal for supplying energy to urban informal communities using a blend of old and new technology	Mr Paul Vermeulen , Chief Engineer: Renewable Energy, City Power Johannesburg @CityPowerJHB
11:10	11:30	Q&A	
11:30	12:00	Developments in addressing the energy crisis	Mr Chris Yelland , Managing director: EE Business Intelligence (Pty) Ltd @EEBizIntel

12:00	12:30	Strategic approach to skills development for JET and Energy Crisis	Ms Aradhna Pandarum , Head of Department: Just Energy Transition, The Impact Catalyst @ImpactCatalyst
12:30	13:00	Power to the People: Harnessing Decentralized Renewable Energy to Combat South Africa's Electricity Crisis in Marginalized Areas	Mr Kendy Madisha , ActionSA Team: FIXSA member of Energy and Mineral Resources @Action4SA
13:00	13:30	Wrap up and final comments	Chair

Hashtags – #energycrisis #energytransition #renewableenergy #sustainability #cleanenergy #skillstraining #solarpower #electricitygeneration #electricity #SAelectricitycrisis #justtransition #SAenergytransitions #energysystems #SAenergy #SAenergycrisis #energyskills #localenergy #localgrids @eskom_sa

Follow up and share: Presentations, proceedings, and media release will be available on the [event page](#). Video clips will be posted to this website page, as well as the [NSTF YouTube platform](#) (see details below)

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National Science and Technology Forum (NSTF)

SET for socio-economic growth

- Independent non-profit stakeholder body and network
- Voice for the science, engineering, technology (SET) and innovation community
- Includes private and public sectors
- Promoting SET and innovation in South Africa since 1995