

Launch of the Climate Transparency Report 2021

The Energy Systems Research Group at the University of Cape Town invites you to the launch of the Climate Transparency Report 2021: South Africa Country Profile. Please join our webinar on the 20th of October from 1pm – 2pm.

AGENDA:

1. Welcome and introduction to the Energy Systems Research Group, a partner of Climate Transparency (Bryce McCall).
2. Presentation of key findings of the Climate Transparency's South Africa Country Profile Report. (Caitlin Bergh)

The Climate Transparency Report is the world's most comprehensive annual review of G20 countries' climate action towards net zero and it provides a stocktake of climate actions in a comparable form. The review is based on 100 indicators for adaptation, mitigation and finance. It consists of the Highlights Report and 20 Country Profiles of the G20 countries. Developed by experts from 16 partner organisations from the majority of the G20 countries, the report informs policy makers and stimulates national debates, with comparable and concise information presented in a visually attractive form. This year's report consists of two parts: the annual policy assessment based on data of the previous year(s) is complemented by an analysis of the impacts of the COVID-19 crisis and recovery efforts on countries' climate ambition.

The South African Country Profile Report showcases South Africa's climate action and its contribution to global greenhouse gas emissions. Findings in the report include sections on Adaptation, Mitigation, that follow Sectors: Power, Transport, Building and Industry as well as Land Use and Agriculture, NDC, and Finance.

3. Can South Africa achieve net-zero GHG emissions? A preview of what SATIMGE-2021 is telling us. (Andrew Marquard/Bruno Merven)

Raising ambition requires tackling difficult decarbonisation challenges. In an attempt to understand pathways to Net Zero 2050 for South Africa, the ESRG has modelled 64 scenarios using its SATIMGE modelling platform (which couples a complete national energy model to a computable general equilibrium macro-economic model) to understand these challenges.

The presentation will for the first time showcase some findings of our analysis of a net zero South Africa by 2050. The power sector will be used as an example to discuss aspects of the modelling approach taken, key sector findings and opportunities.

4. Q&A
5. Closing (Moderated by: Prof Harro von Blottnitz)

To register for the event please email energysystemsgroupuct@gmail.com

Webinar ID 830 1737 2550

Link <https://us02web.zoom.us/j/83017372550>

Looking forward to seeing you on the 20th of October.

The ESRG Team