UNIVERSITY OF CAPE TOWN
IYUNIVESITHI YASEKAPA • UNIVERSITEIT VAN KAAPSTAD

Climate Transparency

transport
Department:
Transport
REPUBLIC OF SOUTH AFRICA

ENERGY SYSTEMS RESEARCH AND THE DEPARTMENT OF TRANSPORT INVITES YOU TO ATTEND

TRANSFORMING TRANSPORT - A SYMPOSIUM

How can we set South Africa on a pathway to an inclusive low-carbon sustainable transport system? This symposium will consider work done by UCT's Energy Systems Research Group, and their international partners, under the Climate Transparency program on transport GHG emissions mitigation pathways, as well as the implementation of Government's Green Transport Strategy.

Date: Tuesday 3 March 2020

Time: 8:30 (registration) - 15:00

Venue: Sheraton Hotel, Pretoria

Lunch included

Queries and rsvp: bryce.mccall@uct.ac.za

RSVP: 28 February 2020

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A sustainable transport system is not only crucial to the successful functioning of the of the South African economy, but also to the attainment of a large number of the 2030 Sustainable Development Goals. The sector faces challenges in infrastructure, access, affordability, and reliability. It depends almost entirely on fossil fuels, the combustion of which contributes to the key challenges of climate change and local air pollution.

South Africa's commitments under the Paris Agreement will require the long-term decarbonization of the transport sector, as well as the sector making a contribution to the current NDC. Emissions from the transport sector in South Africa comprise 10.4% of the total GHG emissions from South Africa (including land use emissions, in 2015). Whereas emissions from other sectors have not grown significantly since 2010, transport emissions have grown consistently.

The challenge of today is to work toward building an inclusive, reliable, affordable, and low-carbon transport system in South Africa. This will require a multi-faceted approach on improving rail systems, bus and mini-bus logistics, electric-vehicle adoption policies, spatial and urban planning, and building hydrogen infrastructure.

This symposium will include presentations and discussion on the Green Transport Strategy by the Department of Transport, of work done by the Energy Research Centre and their international partners under the Climate Transparency partnership, on transport emissions mitigation pathways for South Africa, Mexico and Argentina, work underway by TIPS on industrial policy and electric vehicles, and perspectives on green transport policy and programmes from the city level.

AGENDA

Start	End	Item	Presenter
08:30	09:00	Coffee and registration	
09:00	09:30	Welcome note	Dept. of Transport, UCT
09:30	10:00	The international climate context – the Paris Agreement and South Africa's long-term emissions trajectory	Dr Andrew Marquard (ESRG, UCT)
10:00	10:30	South Africa's transport policy goals and the Green Transport Strategy	Bopang Khutsoane (DoT)
10:00	10:30	Road Transport emissions mitigation in context of the Paris Agreement: A systems modelling perspective	Fadiel Ahjum (ESRG, UCT)
10:30	11:00	Mitigation pathways of transport in a 1.5C scenario for Mexico	Mariana Gutierrez, Mexico Climate Initiative (ICM), Mexico
11:00	11:30	Scenarios and challenges for sustainable mobility in Argentina.	Enrique Maurtua Konstantinidis (Environment and Natural Resources Foundation, Argentina)
11:30	12:00	TEA	
12:00	12:30	Policy options to support EV value chain development in SA.	Gaylor Montmasson-Clair, Trade and Industrial Policies Strategies (TIPS)
12:30	13:00	TBC - City of Johannesburg	TBC - City of Johannesburg
13:00	13:30	TBC - City of Cape Town	TBC - City of Cape Town
13:30	14:30	LUNCH	

Please direct any queries to bryce.mccall@uct.ac.za