

ACADEMY OF SCIENCE OF SOUTH AFRICA (ASSAf) FORUM on the JUST TRANSITION IN SOUTH AFRICA

Date: 8 May 2023

Time: 14:00 – 16:00

Venue: [Click here](#) to access virtual meeting

Meeting ID: 946 2816 1308

Passcode: 101308

PROGRAMME

Topic:

Green hydrogen and just transition: How can the development of green hydrogen contribute to a just transition in South Africa?

Green hydrogen has emerged as one of the key energy carriers that can help to shift to net-zero emissions pathways, particularly in sectors such as shipping, steel, chemical feedstocks and fertilisers. South Africa, thanks to great renewable energy resources, vast land areas and technological knowledge (e.g. the Fischer Tropsch process), is heralded as one of the countries with the best potential for the production of green hydrogen and derivatives. Multiple projects are in development and the green hydrogen is set to make a meaningful contribution to South Africa's decarbonisation pathways. Yet, it remains to be seen whether such developments can proceed inclusively, at the benefit of all, in the pursuit of a just transition in the country.

14h00 – 14h05	Welcome, re-connecting, purpose of meeting	Prof Harald Winkler , Chair
14h05 – 14h20	South Africa's Green Hydrogen Commercialisation Strategy	Mr Mahandra Rooplall , Industry Development Planner: Industrial Development Cooperation
14h20 – 14h35	Presentation of HBS study on "Understanding green hydrogen in South Africa through a just transition lens"	Ms Lauren Hermanus , Founder: How We Adapt
14h35 – 14h45	Respondents (to kick off discussion)	Prof Eugene Cairncross , Technical Director: Life After Coal.



science & innovation

Department:
Science and Innovation
REPUBLIC OF SOUTH AFRICA



		Mr Jezri Krinsky , Climate, Energy and Infrastructure Programme: Institute for Economic Justice
14h45 – 15h30	Discussion <i>Are current developments around green hydrogen aligned with a just transition in SA?</i> <i>What is required to ensure that green hydrogen development proceed inclusively?</i>	Break-out groups ¹ - Discuss topic and inputs - Report a) 2 or 3 key insights the group wants to share; b) knowledge gaps, and c) any suggestions for future Forum topics Reports back facilitated by Ms Tracey Davies , Steering Committee: ASSAf Forum on the Just Transition Director
15h30 – 15h55	Plenary discussion on the interplay between SA's multiple crises of sustainability, the State(s) of Disaster, and just transition	Prof Rasigan Maharajh , Co-Chair: ASSAf Forum on the Just Transition
15h55 – 16h00	Closure	Prof Himla Soodyall , Executive Officer: ASSAf

¹ Break-out groups are expected to self-organise, but we will ask one SC member to attend each of the group, and facilitate if no Forum member offers to do so.