



PRESS RELEASE

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Coaltech Research Association Strengthens Commitment to Climate Action and Innovation in the Coal Industry

Johannesburg, Gauteng, South Africa, 24 October 2024 — In recognition of the International Day of Climate Action, The Coaltech Research Association reaffirms its dedication to advancing sustainable coal technologies and addressing climate change. As a collaborative non-profit organisation that serves the research, development and innovation needs of South Africa's coal industry, Coaltech continues to lead efforts toward reducing the environmental impact of coal through innovative research and technology development.

At Coaltech, our research focuses on projects that include clean coal technologies, carbon capture, utilisation and storage (CCUS), and exploring alternative uses of coal. These initiatives are geared toward reducing emissions from coal-fired power generation and minimising the carbon footprint of coal production. Our work also extends to the reclamation of coal discard dumps and the development of innovative water management practices to address the environmental challenges associated with mining. By incorporating circular economy principles, we are finding ways to repurpose coal waste, adding value and reducing environmental impact.

"Coaltech is committed to fostering collaboration across the coal industry, academia, and government to accelerate the development of technologies that address climate change," said Avhurengwi Nengovhela, CEO of Coaltech. "Our work focuses on advancing the development of innovations like CCUS, which are key to achieving a cleaner, more sustainable future while maintaining the energy security South Africa needs."

As part of our broader effort, Coaltech's steering committees continue to drive research in areas such as sustainable mining practices, water management, and clean energy innovation, all of which contribute to the long-term sustainability of the coal industry. These committees bring together industry experts and researchers to explore how best to reduce the environmental footprint of coal operations while promoting best practices in health, safety, and environmental stewardship.

South Africa's coal resources are an asset that can be harnessed not only for energy production but also to create high-value products that are critical for industrial growth. Coaltech's research into coal-to-product technologies, which include advanced carbon materials, is aimed at unlocking the potential of these resources to generate jobs and create new markets.

"South Africa's coal industry has a unique opportunity to transform and lead in sustainable coal technology innovation," Nengovhela added. "By investing in research and collaborating with key stakeholders, we can unlock new value from our coal resources while reducing environmental impacts and supporting climate goals."



For more information on Coaltech's research programmes and how we are contributing to climate action, please visit our website at [www.coaltech.co.za]. if you would like to form part of our community by becoming a member, send an email to cbergman@coaltech.co.za

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About Coaltech Research Association

Coaltech Research Association is a voluntary collaborative non-profit organisation that addresses the research needs of South Africa's coal industry. Established with the primary goal of developing technologies and applying research findings, Coaltech aims to make the South African coal industry competitive, sustainable, and safe. The organisation brings together mining groups, researchers, academics, and government stakeholders to foster collaboration and innovation in the coal sector.