

## **RENERGEN LIMITED**

Incorporated in the Republic of South Africa

(Registration number: 2014/195093/06)

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Australian Business Number (ABN): 93 998 352 675

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("Renergen" or "the Company")



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## **FIRST ZERO CARBON EMISSION SOLUTION FOR COLD CHAIN LOGISTICS AND N1 ROUTE EXPANSION FOR LNG BETWEEN JOHANNESBURG AND CAPE TOWN**

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Emerging domestic natural gas and helium producer Renergen is proud to be a participant in the South African Investment Conference for the second year running. The summary of today's announcements at the SA Investment Conference 2020 are:

- Developed a zero-emission solution for the cold chain logistics industry, deploying liquid natural gas (LNG);
- Over 50% of the total investment having been made;
- Over 100 new jobs having been created;
- Strategic tie-up with Total South Africa on LNG distribution on the N3 between Johannesburg and Durban and now includes the N1 between Johannesburg and Cape Town; and
- Major gas discovery in December 2019 with helium concentrations of 12%.

In 2019 dual-listed Renergen pledged to invest up to R750 million (AUD\$70 million) in the construction of South Africa's first and only commercial onshore liquid natural gas (LNG) plant, and the only Sub-Saharan African helium liquefier.

This year, Renergen announces two major milestones:

Firstly, Renergen and Henred Fruehauf, one of the largest trailer manufacturers in South Africa, have developed an innovative concept which utilises the fact that LNG is stored at ultra-low temperatures in the truck's tank and must be brought to room temperature before being consumed in the engine. In heating the gas, the cold energy of the gas is transferred to the refrigeration compartment of the trailer, providing free cooling and reducing combined greenhouse gas emissions by up to 96 tonnes per annum per truck. The added benefit is a reduction in running costs of up to 23% of the total fuel bill consumed by a truck using standard refrigeration technology.

Commenting on the collaboration with Renergen, Eduan Naude Concept Manager at Henred Fruehauf, "This is a unique solution, and gives customers the potential for huge savings."

The second milestone is the opening of another major transport corridor in South Africa for LNG in conjunction with Total: the N1 route between Johannesburg and Cape Town in 2021. This route is particularly exciting, as it carries a large proportion of refrigerated trucks instrumental in moving

perishable goods from the Cape to Johannesburg. The high usage of refrigerated trucks along the N1 has led to the collaboration between Renergen and Henred Fruehauf.

Stefano Marani, Managing Director and Chief Executive Officer of Renergen said “The opening of the N1 highway between Johannesburg and Cape Town and the addition of a filling route for LNG is a major milestone and Renergen is looking forward to supplying LNG along the route in 2021.

“This innovative collaboration between Renergen and Henred Fruehauf highlights the commitment of both companies to clean energy and showcases what South Africa has to offer the world. We look forward to rolling out this cold chain solution to our customers across the country and look to other companies globally to begin adopting this innovative technology to reduce the world’s global carbon footprint.”

More on this technological development may be found on our website at <https://www.renergen.co.za/renergen-projects/lng/cold-chain-solution/>

Johannesburg  
19 November 2020

Authorised by: Stefano Marani  
Chief Executive Officer

Designated Advisor  
PSG Capital



To readers reviewing this announcement on the Stock Exchange News Service (SENS), this announcement may contain graphics and/or images which can be found in the PDF version posted on the Company’s website.

To readers reviewing this announcement who wish to find out more about LNG, watch our LNG video, which is posted on the Company’s website <https://www.renergen.co.za/videos/>

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**About Renergen**

Renergen is an emerging producer of helium and liquefied natural gas (LNG), with existing production and sales of gas to buses in the Free State. Renergen was listed on Johannesburg's AltX securities exchange in June 2015 as South Africa's first listed alternative and renewable energy company. Renergen listed on the Australian Securities Exchange (ASX) on the 6<sup>th</sup> June 2019, with the code RLT. Renergen's principal asset is its 100% shareholding in Tetra4, which holds the first and only onshore petroleum production right in South Africa, giving it a first-mover advantage on the distribution of domestic natural gas, along with the potential to become one of the major global helium suppliers, making South Africa only the 8<sup>th</sup> country in the world to export this extremely rare gas.

[www.renergen.co.za](http://www.renergen.co.za)