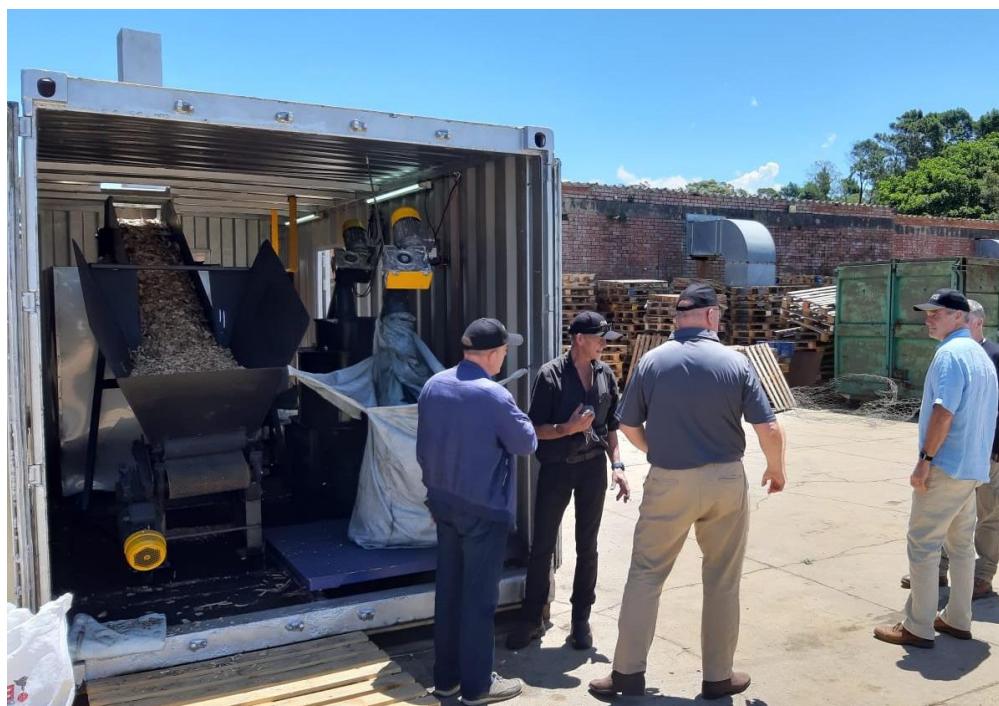


Hive Energy® fighting Climate Change with Mobile Biochar Plants in South Africa

Hive Energy through its South African Subsidiary, Hive Carbon™, has acquired a patented system that revolutionises the production of biochar from Alien Invasive biomass providing enhanced levels of output and lower costs of production. This in turn is creating a significant number of jobs and will effectively deliver quality biochar and activated carbon products for farming and many other industries in the global battle against climate change.

Hive Energy today announced the launch of its bold initiative for producing high volumes of sustainable and commercially viable high-grade biochar with their world leading patented technology developed in South Africa. It is a significant step forward in the countries drive to eradicate Alien Invasive Vegetation that is choking rivers, decimating the water table in areas severely affected by drought, increasing fire hazards and marginalising land for both small- and large-scale farmers.



Hive Energy CEO Giles Redpath (Light Blue Shirt) inspects the Pilot Mobile Biochar Unit

*L to R: David Humphrey (Finance Director, Hive Energy – Africa), Colin Loubser (Managing Director, Hive Energy - Africa)
Giles Redpath (Chief Executive Officer, Hive Energy Group) and Brad Ker-Fox (Managing Director, Hive Carbon)*

Hive Energy CEO, Giles Redpath explained, “There are over 50 applications for Biochar that all have a highly positive impact in the global drive to reduce the dependency on fossil fuel derived chemicals and fertilisers. Hive are delighted to be at the forefront of this initiative that synergistically combines technology and unwanted invasive and destructive natural resources to transform and regenerate ecosystems with carbon rich products. Our investment in biochar production will enable sustainable

farming practices as well as helping change a number of industrial applications to become organic. This is critical in the battle against global climate change, as are our many solar plants which we are developing globally.”

Brad Ker-Fox, Managing Director of Hive Carbon added, “By setting up Biochar production operations in the Eastern Cape we have decisively taken on the immediate challenges of eliminating Alien Invasive Plants, reducing the terrible fires and huge carbon emissions they propagate and re-establishing land for productive agricultural and conservation use. The biochar we produce has an exceptionally high Carbon value and very low volatile level. When added to soil, this ensures the rejuvenation of soil biology creating better conditions for healthy plant growth. Biochar is also being increasingly used as an additive to animal feed to substantially reduce methane emission and reduce mortality rates from scours or ingested poisons and we will address this demand too.”



Meeting in Kouga to set out the implementation plan for clearing Alien Vegetation from Eskom's land to be processed at the Hive Carbon site nearby

L to R: Hennie De Beer (Eskom), Councillor Horatio Hendriks (Executive Mayor - Kouga Municipality), Brad Ker-Fox (Managing Director - Hive Carbon) and Japie Buckle (General Manager for the Government program Value Added Industry)

The Executive Mayor of Kouga, Cllr. Horatio Hendricks remarked, “The Kouga Local Municipality has been working for over a year with Hive Carbon on this initiative that will bring meaningful investment, long term sustainable employment and promote eco-friendly practices in our region. This fits perfectly with our drive to ensure that our local businesses are given a chance to benefit from the investment that Hive is making in the area and that we become the country’s leading Bioeconomy Zone”.

Harvesting teams sourced by the Kouga Municipality Enterprise Database have started clearing 70,000 square meters of Alien Invasive Vegetation to set up the Hive Carbon operations for the region near Humansdorp. A local contractor has been appointed to initiate the site development of the Hive Carbon facility.

Japie Buckle, General Manager for the Government program Value Added Industry concluded: "We are very excited by the prospect of clearing and restoring additional priority areas with a high level of infestation of Invasive Alien plants to reverse land degradation and enhance water security. This is in line with our role to promote the clearing of Invasive Alien plants, by converting them into usable products, and the goals set in the United Nations Land Degradation Neutrality Agreement which has been ratified by the SA Government."



The Hive Biochar Production Team
Gift Ndlovu, Jainos Riunganganga, Leon Louw, Elvin Klaas, Given Mhanga

Hive Carbon will develop its product portfolio beyond Biochar applications to include Activated Carbons for use in purifying water and emissions filtering. Products for the cosmetics and medicine industries are also being developed. Another key area that will be targeted by Hive Carbon for growth is in the production of organic environment friendly pesticides, herbicides and fungicides from biomass.



About the Shareholders - Hive Energy Limited

The Hive Energy Group, headquartered in the UK, is recognized internationally as a trusted solar developer and Independent Power Producer that is known for its innovative approach and market leading vision across both renewable energy and circular economy industries where it has established projects in Wood Pelletisation, Biochar and Activated Carbon production in South Africa.

Hive Energy was founded in 2010 by Giles Redpath to participate in the significant solar PV expansion in the UK and now has offices in 10 countries including Spain, Turkey, Mexico, Cuba, Argentina, Mauritius, Zambia, Mozambique and South Africa.

Hive has commissioned more than 100 grid connected Photovoltaic Solar plants ranging from small rooftop installations to super-parks over 400MW in size- in excess of 1000MW, with substantial growth in Spain recently.

Hive is currently developing 3000MW of renewable energy projects -including the UKs largest solar park and world's largest battery storage project.

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.../Additional Photos



**Inspecting an area of Alien Invasive Vegetation for removal
from a Hive Energy Solar Plant site in Coega**

L to R: David Humphrey -Hive Energy Africa Finance Director,
Brad Kerr-Fox -Hive Carbon Managing Director,
Waldo Nel – Allcut Managing Director and
Japie Buckle General Manager for the Government program Value Added Industry



**The Hive Carbon Plant Manufacturing, Pilot and Research site
near Nelson Mandela Bay**

L to R: Colin Loubser (Managing Director Hive Energy – Africa), Waldo Nel (Managing Director - Allcut Eastern Cape) David Humphrey (Finance Director - Hive Energy) and Japie Buckle (General Manager for the Government program Value Added Industry)