



A Great Opportunity....

We seek to build the first Coal Fertilizer Plant in Africa by 2023. Our Organic Micro-Carbon Coal Fertilizer Plant shall produce **5,000 MT per month** of Organic Micro-Carbon Coal Fertilizer which gives **60,000 MT per year** (with coverage of 150 000ha per year) and can be upscaled in the second year at a scale dependent on project performance. The Organic Micro-Carbon Coal Fertilizer is a huge opportunity for not just Zimbabwe but the SADC region and beyond as there is currently no Organic Coal Fertilizer Plant at the moment on the African Continent.

Micro-Carbon Coal Fertilizer

Introducing FutureFert™



Cost of Production 186% less than Conventional Chemical Fertilizers thereby creating a cheaper final product



95% of Raw Materials used are all found in Zimbabwe. (The Major Raw Material being Coal Fines/Coal Waste)



FutureFert[™] puts more carbon back into the soil, healing the soil in the process. 7 of the 17 United Nations Sustainable Development Goals (SDGs), directly and indirectly address land and soil.



Contains Micro, & Macro Nutrients plus organic precursor which increases the ability of plants & crops to utilize nutrients by up to 75% thereby increasing yields significantly.

Soil and United Nations Sustainable Development Goals

Many global policy frameworks, including the United Nations Sustainable Development Goals (SDGs), directly and indirectly address land and soil. Many of these SGDs cannot be achieved without healthy soils and a sustainable land use. Below is an overview of the SDGs with strong links to soil.



Zimbabwe's agricultural industry forms the backbone of the economy (currently after mining sector) and the current situation whereby Zimbabwe imports almost all of its chemical fertilizer input requirements is proving to be very costly. This project has all its product ranges registered by the Government of Zimbabwe through the Ministry of Agriculture as it is key to national economic development and import substitution in the Agriculture Sector.

According to the current Economic blue print for Zimbabwe the NDS 1, Zimbabwe is a highly agricultural based economy with agriculture GDP per capita growth rate of 9.61% and real agricultural GDP growth rates 11.2% per annum as supported by World Bank development indicators 2018.

According to the Ministry of Agriculture, in the month of November 2019, a total of US\$10 million was used for the importation of chemical fertilizer inputs up from US\$7.1 million in the same period in 2018. This project therefore has direct bearing on National Economic Development.

The major raw materials for Coal Fertilizer are; Coal, Dolomite, Salt, Water, Electricity,



Our Team in Indonesia visiting Fields used for Coal Fertilizer trials.

Saputra Precursor and Activator for Coal Fertilizer. 95% of these raw materials are available in Zimbabwe thus our pursuance of building this first coal fertilizer plant in Africa here in Zimbabwe. FutureFert has already invested in acquiring licenses, patented formulas, and setting up an enterprise structure for this venture. In this regard, FutureFert through FoodTech has already signed a Memorandum of

Agreement with Saputra Global Harvest (Who have the Patent US2017/02302A1) to ensure that Zimbabwe will not only stand to benefit from the production of the Saputra Organic Micro-Carbon Coal Fertilizer but will also be the Organic Micro-Carbon Coal Fertilizer Production Hub for exporting coal fertilizer to the SADC and beyond.

Partnering for Growth

In 2019, SGH Indonesia & FoodTech Zimbabwe signed an Agreement whereby FoodTech Zimbabwe got exclusive rights and license to use the Patent to produce Coal Fertilizer in several **African Countries** including all of SADC. In 2023, The Joint Venture for the Coal Fertilizer Project, FutureFert Private Limited is setting up the 1st Coal Fertilizer Plant in Africa, here in Zimbabwe. The operating trademark of the Micro Carbon Coal Fertilizer in Zimbabwe will be known as **FutureFert™**

FutureFert now seeks a partner to capacitate the setup of the fertilizer plant & manufacturing of the product and take it to the market. The total Start up Capital requirement is estimated at about **US\$1.5 Million.** The Project Internal Rate of Return (IRR) is 614.55%. We are seeking a partnership of either DEBT and or EQUITY. If **DEBT paying back in full with 15% Interest** within 12 Months. If **EQUITY**, **30% Shareholding**. For the past 3 years FutureFert has invested more than US\$500,000.00 in research and market development activities in Zimbabwe, East African Community (EAC), Economic Community for West African States (ECOWAS) and Southern African Development Community (SADC).



REPUBLIK INDONESIA KEMENTERIAN HUKUM DAN HAK ASASI MANUSIA

SERTIFIKAT PATEN

Menteri Hukum dan Hak Asasi Manusia atas nama Negara Republik Indonesia berdasarkan Undang-Undang Nomor 14 Tahun 2001 tentang Paten, memberikan Paten kepada:

Pemegang Paten

Ir. R. Umar Hasan Saputra, M.Si

Ir. R. Umar Hasan Saputra, M.Si.

Jl. Bukit Asam Ujung No. 23 RT./RW. 01/06 Kel. Laladon, Kec. Ciomas, Bogor,

PROSES UNTUK PRODUKSI FORMULA NUTRISI ESENSIAL DAN PRODUK YANG DIHASILKANNYA

19 September 2008

Tanggal Pemberian : 17 Oktober 2012

Perlindungan Paten untuk invensi tersebut diberikan untuk selama 20 tahun terhitung sejak Tanggal Penerimaan (Pasal 8).

Sertifikat Paten ini dilampiri dengan deskripsi, klaim, abstrak dan gambar (jika ada) dari invensi yang tidak terpisahkan dari sertifikat ini.

> a.n. MENTERI HUKUM DAN HAK ASASI MANUSIA DIREKTUR JENDERAL HAK KEKAYAAN INTELEKTUAL

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with coal crushing, filtering, mixing with other substan such as salt and essential nutrients mat imple form so that it can more easily be used by plants while the granulation process will make this coal fertilizer rasier to use when the application of fertilizing has to b

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For More Information

Please contact us:

Ephesians Manu Masoka FutureFert™

15 Dorset Rd East, Avondale, Harare, ZIMBABWE

+263 772 648311 projects@festusmanu.com

www.futurefert.net