

Key Facts

- During Stage 1 R1.6 billion will be invested in the soybean processing facility at the Coega Industrial Development Zone in the Eastern Cape that will generate over R6 billion in annual revenue for the local economy.
- The operation will create 100 new permanent full-time jobs, with another 725 jobs created in related industries. Construction of the facility would create a further 800 jobs.
- Further the Soybean growing and cropping industry will see thousands of new jobs created in rural South Africa.
- International technology provider Desmet Ballestra is contracted to supply the technology and key manufacturing equipment with local engineering firm E+PC provisionally appointed to project manage and construct the development.
- The facility will be the largest in Africa consuming over one million metric tons of soybeans annually.
- Outputs of over 800,000 tons of soybean meal and 240,000 tons of soybean oil will be produced each year during Stage 1 , making RSA self sufficient in this vital part of the human food chain.
- During Stage 2 RNRF will produce 288 million litres of biodiesel from the soybean oil produced in its processing facility. In support of the second stage development RNRF Ltd have been issued a manufacturing licence by the RSA Government.
- The refining of the soybean oil into biodiesel will result in the production of 20,000 tons of pharmaceutical grade glycerine each year.
- RNRF Ltd is a signatory to the Petroleum Charter for the upliftment of previously disadvantaged South Africans.
- Biodiesel made from soybeans is a substitute for fossil diesel and provides similar performance to fossil fuel diesel, with less polluting emissions. These include reductions of unburnt hydrocarbons down by 67%, particulate matter reduced by 47%, carbon monoxide reduced by 48%, and reductions in sulphur compound emissions.
- RNRF's Soybiodiesel® production will result in the reduction of 750,000mt of new Carbon Dioxide (CO₂) equivalent emissions into the atmosphere every year.
- The life cycle energy balance for Soybean-based biodiesel is far more efficient than fossil fuels, yielding 4.5 units of energy for each unit of fossil energy used to grow, harvest and produce biodiesel from soybeans. Fossil diesel yields 0.84 units of energy for each unit of fossil energy used to produce it.
- Further information about Rainbow Nation Renewable Fuels Limited and information for investors can be seen on the website at www.rnrf.co.za