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**CENERGI REFUEL SDN BHD (“CREF”)**

**INFO PACK**

# Cenergi Refuel (CReF)

## About

Cenergi ReFuel Sdn Bhd (“CReF”) was incorporated on **16 November 2017** in Malaysia with registration number 201701041888 (1256061-U)

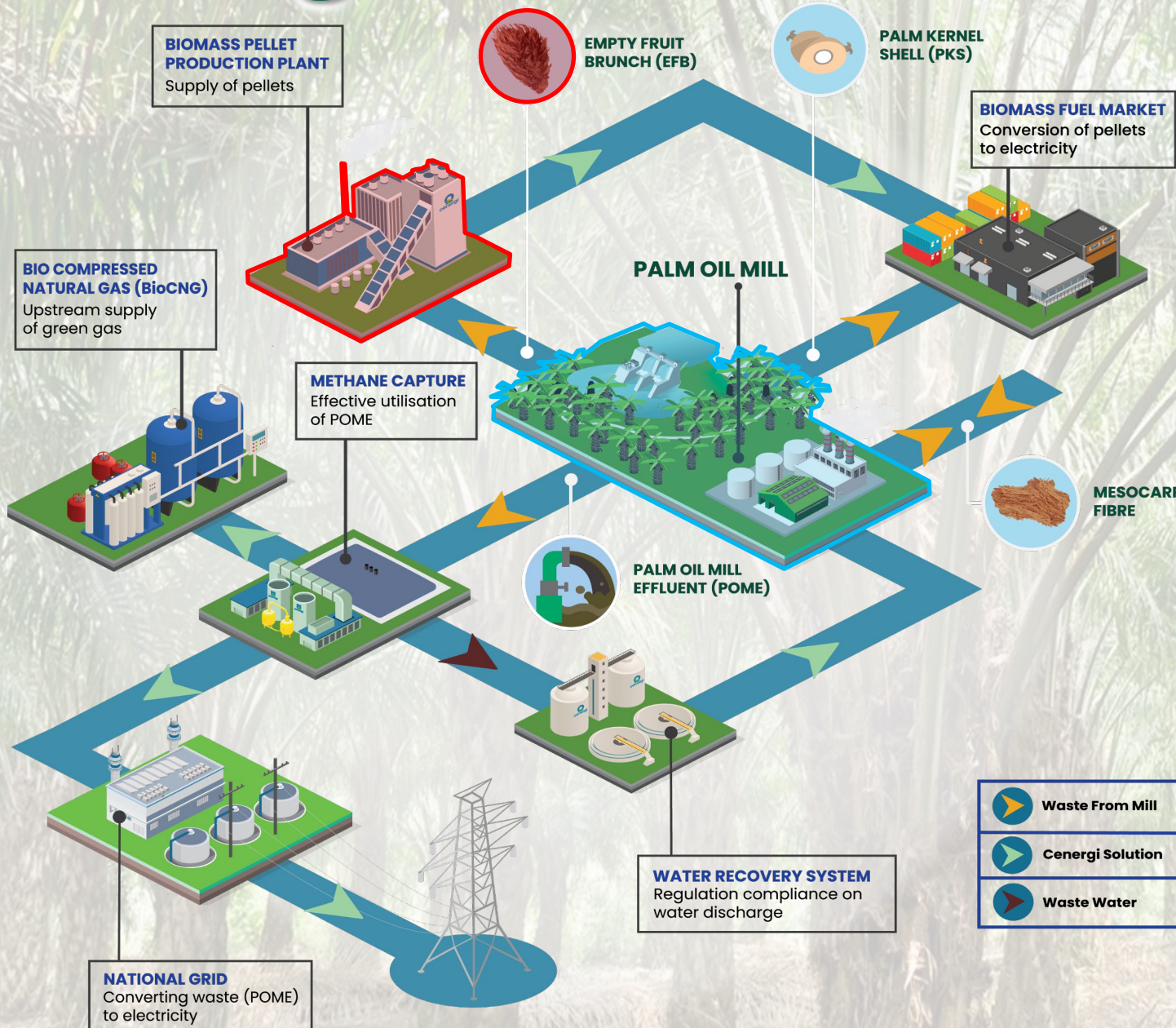
CREF is a wholly-owned subsidiary of Cenergi SEA Berhad (“CSEA”), a premier sustainable energy solutions company specializing in reducing carbon footprint through investment in Renewable Energy and Energy Efficiency projects.

Our businesses:

- Develop, build/refurbish, own and operate biomass pellet and briquette plant
- Manufacture and sell biomass pellets and briquette to local and international markets



# Cenergi Business Overview

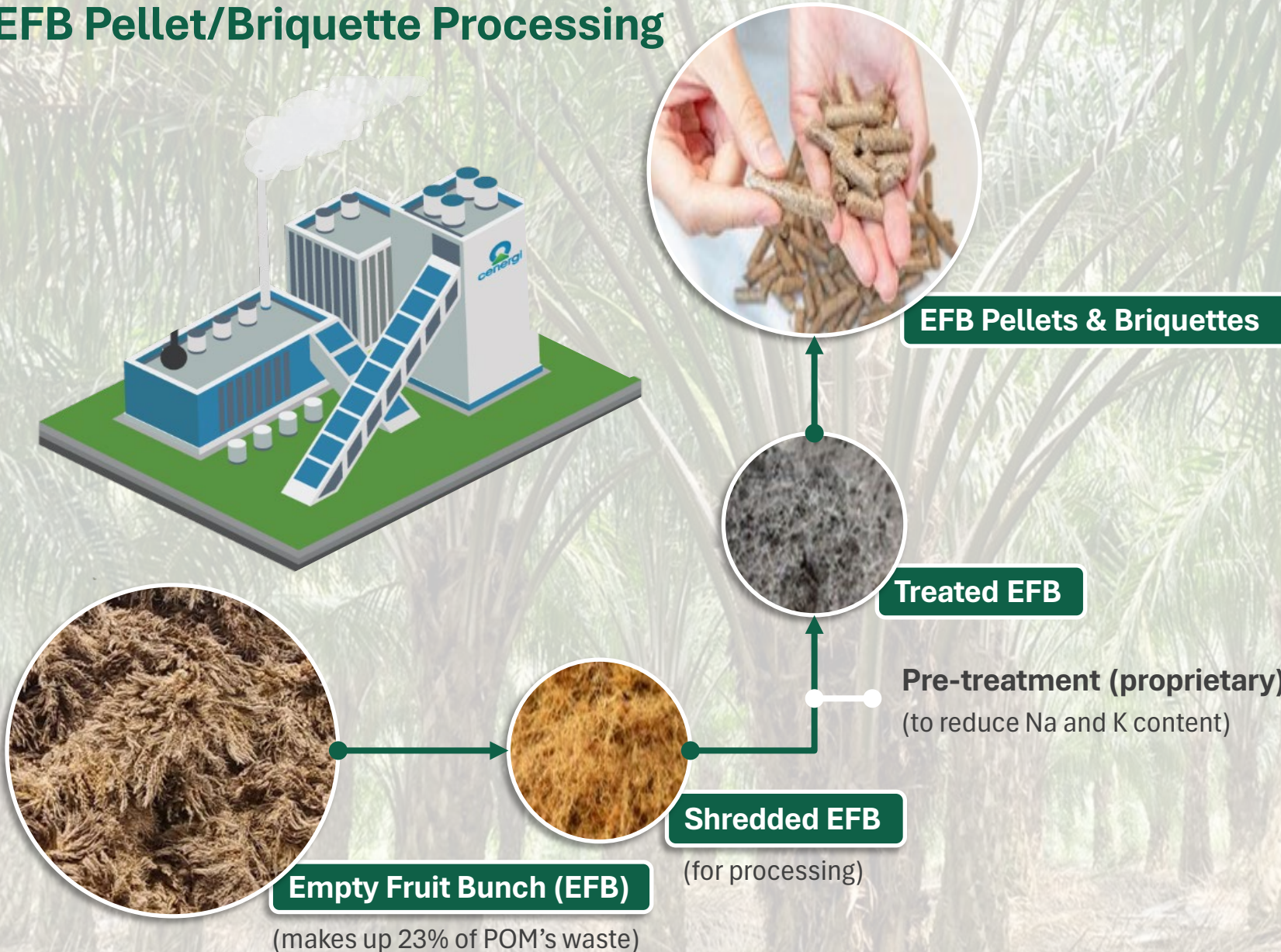


## EFB Business

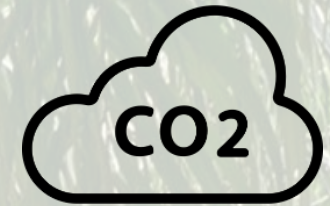
- **Empty Fruit Bunch ("EFB") Pellets and Briquettes** as **sustainable biomass fuel** provides an additional solution to Malaysia's RE potential, whilst unlocking the value of an underutilised by-product of the palm oil mill.
- With **rising global demand** for sustainable biomass fuel, Cenergi has invested into EFB Pellet and Briquette business.
- EFB Pellets and Briquettes can be **co-fired** with primary fuel in **coal combustion systems** with the potential of displacing up to **5-15% of coal**.

# CReF Business Overview

## EFB Pellet/Briquette Processing



## Sustainability Impact



Contributes to Malaysia's low carbon ambitions

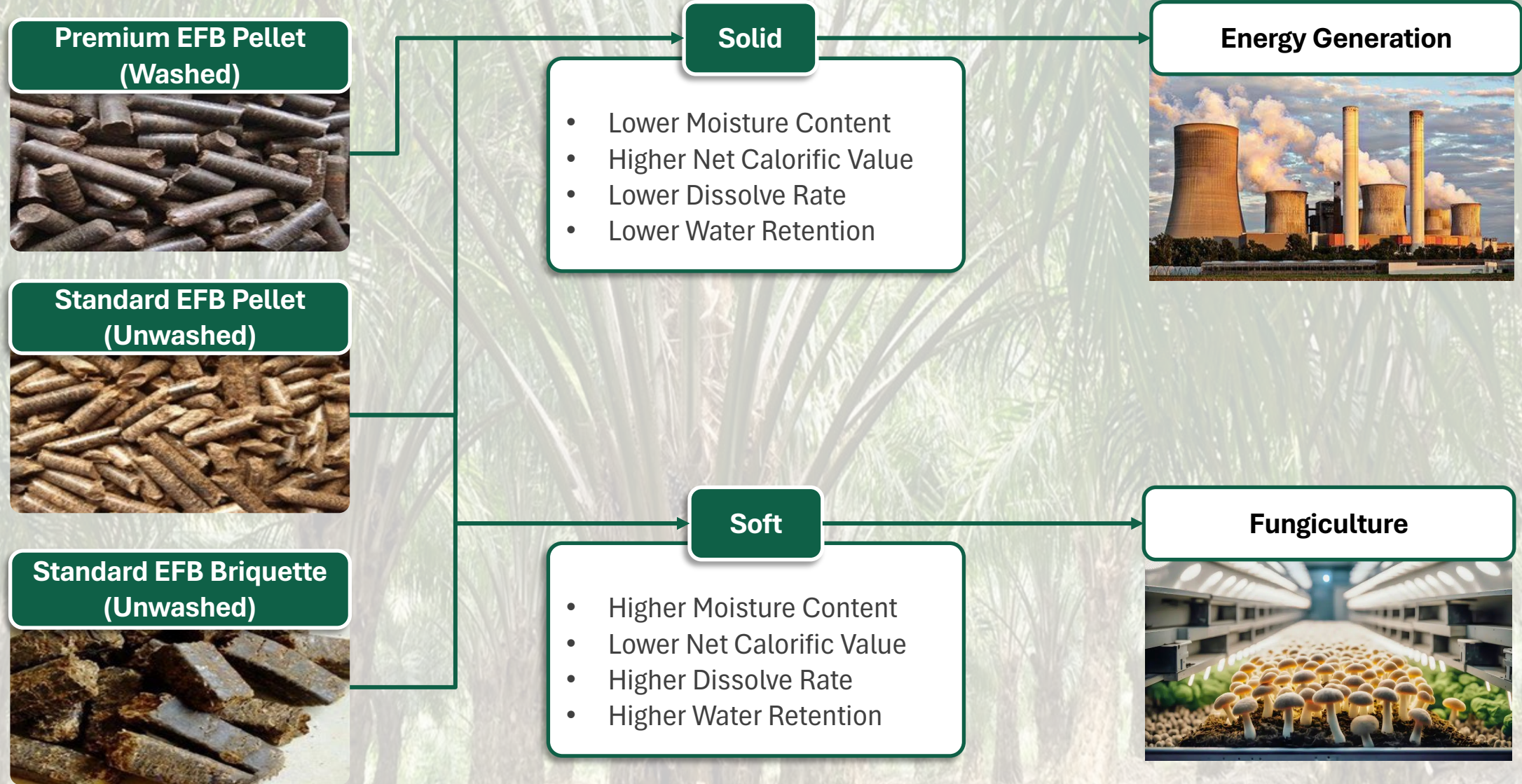
Utilizing renewable fuel Reduces CO<sub>2</sub> emissions from coal-fired power plants



Mitigates release of methane from under-utilized EFB

Effective utilization of an indigenous resource

# CReF Products & Applications

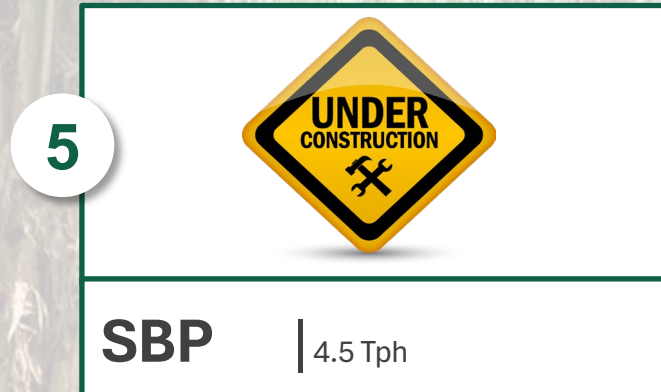
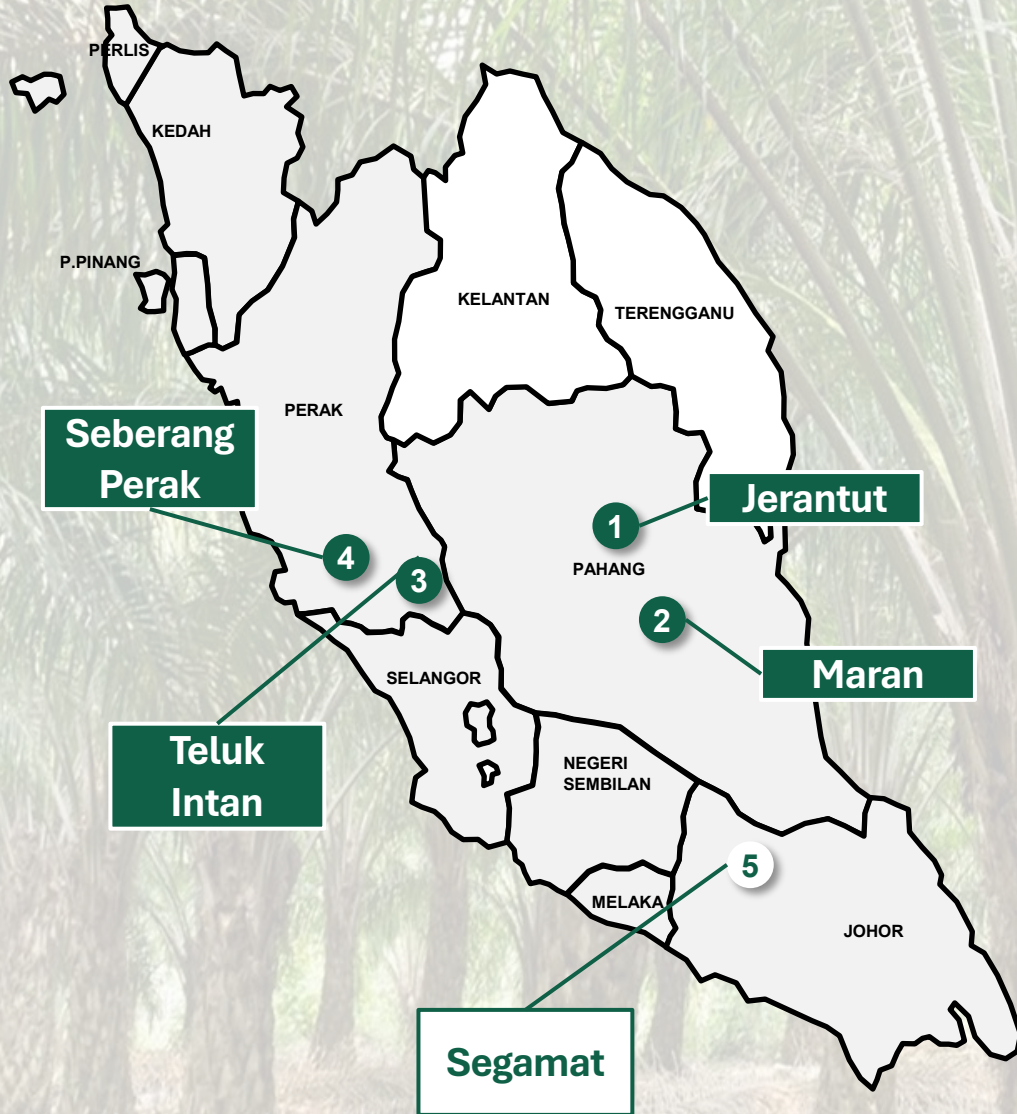


# CReF Product Specifications



Product	Premium Pellet	Standard Pellet	Standard Briquette
Chemical Concentration (ppm) Sodium Potassium	< 2,000 ppm	≥ 2,000 ppm	≥ 2,000 ppm
Net Calorific Value (kcal/kg)	3,900 – 4,100	3,900 – 4,100	3,900 – 4,300
Dissolve in water	Solid: More than 3 minutes	Solid: More than 3 minutes Soft: Less than 3 minutes	Solid: More than 2 weeks Soft: Less than 3 minutes
Moisture Content (% wt)	< 10	< 10	< 10
Ash Content (% wt)	≤ 3	> 3	> 3
Size	Diameter: 6-8 mm Length: ≤ 32 mm	Diameter: 6-8 mm Length: ≤ 32 mm	30 mm x 30 mm / 18 mm x 18 mm Length: can be customized
Market Application	Fuel	Fuel and Fungiculture	Fuel and Fungiculture
Market	Oversea, Local	Oversea, Local	Oversea, Local

# CReF Plant Locations



**Pellet Capacity**  
10 MT/hr

**Briquette Capacity**  
6.5 MT/hr



Thank you



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