

SINAR MAS CEPSA

A JOINT VENTURE BETWEEN CEPSA AND GAR FOR A GLOBAL OLEO-BASED SURFACTANTS SUPPLIER



- GAR, a leading agribusiness and food company, is part of the Sinar Mas consortium of businesses.
- One of the world's largest palm oil producers, #1 in Indonesia.
- Leading sustainably certified palm oil producer.
- Significant presence in Asia with operations in Indonesia, China and India.



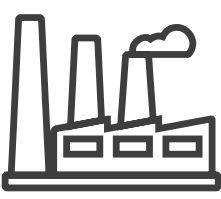
- #1 LAB producer worldwide.
- International, integrated and diversified chemicals portfolio.
- Technological leadership.
- Focused on Western world.
- A fully owned Mubadala Investment Company.

THE MANUFACTURING PROCESS

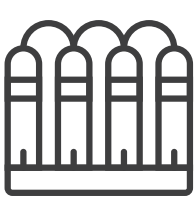


PALM KERNELS

From plantations with Roundtable for Sustainable Palm Oil (RSPO) certification

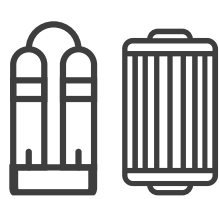


CRUDE PALM KERNEL OIL



INDONESIA PLANT

Fatty Alcohols



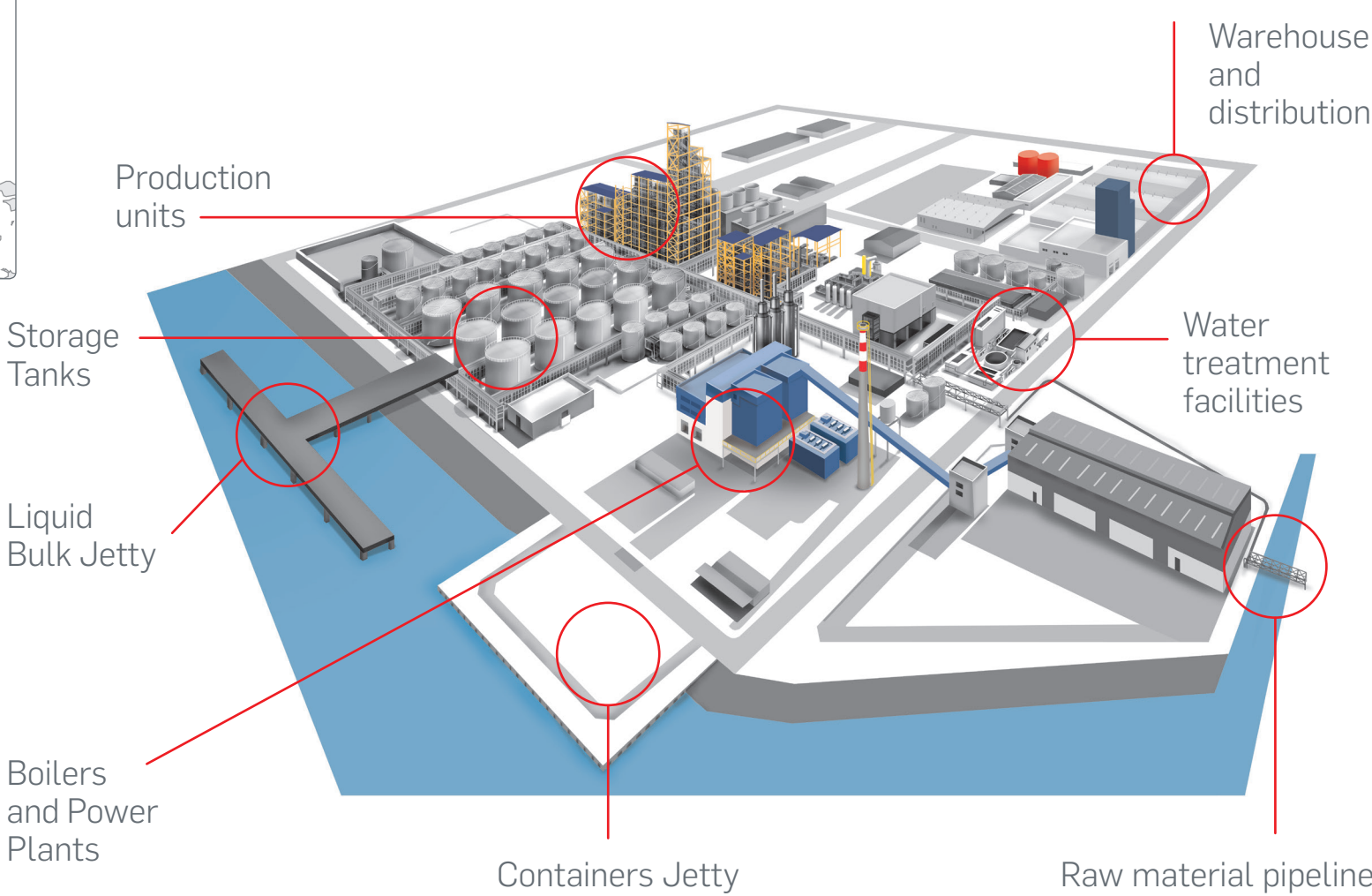
GERMANY PLANT

Surfactants

TWO PLANTS STRATEGICALLY LOCATED FOR A GLOBAL MARKET



INDONESIA PLANT

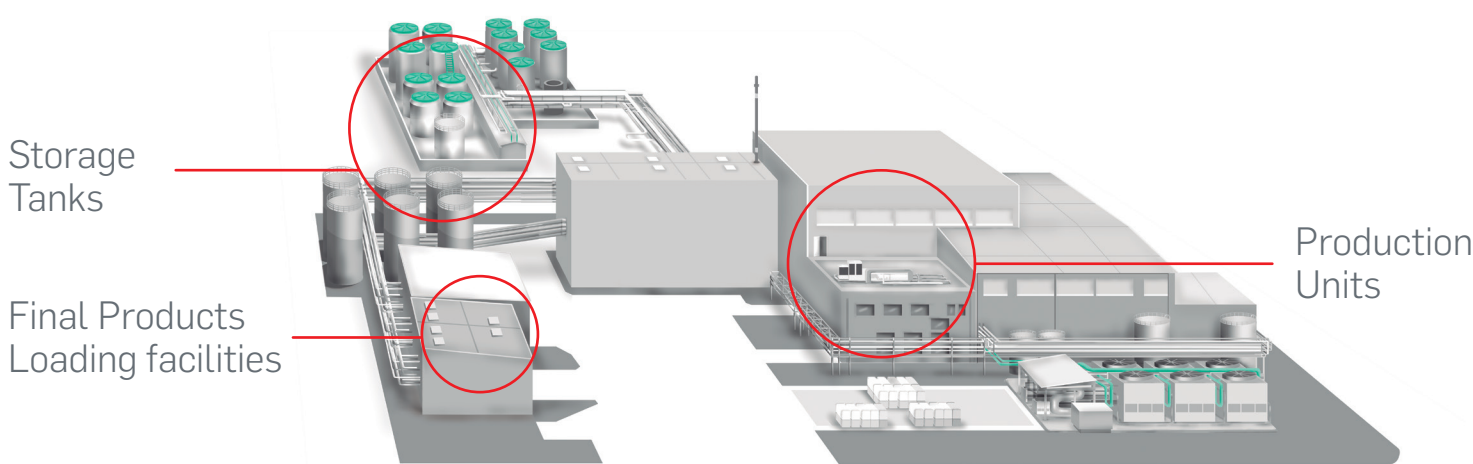


Key facts for Indonesia plant

- Location: Dumai, Sumatra.
- Plot: 22 hectares.
- 8.5 million construction direct man-hours.
- Steel structure: 6,814 MT.
- Capacity: 160,000 MT/YR Fatty Alcohols.
- Main markets: Asia, Europe, Middle East.
- Stand-alone plant.



GERMANY PLANT



Key facts for Germany plant

- Location: Genthin, Germany. Strategic location for Central and Eastern Europe.
- Capacity: 100,000 MT/yr of surfactants.
- Plant flexibility: able to produce Surfactants from both main intermediates LAB and Fatty Alcohols.

FINAL APPLICATIONS FOR OUR PRODUCTS

COSMETICS



CREAMS,
PERSONAL CARE
PRODUCTS.



HYGIENE



SHAMPOOS,
GELS,
TOOTHPASTE.



DETERGENTS



DETERGENTS,
DISHWASHING,
CLEANING
PRODUCTS.



OTHER APPLICATIONS



PLASTICS,
GREASES & LUBES,
ADHESIVES,
CANDLES, WAXES,
AGROCHEMICALS,
FRAGRANCES &
FLAVORS.



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