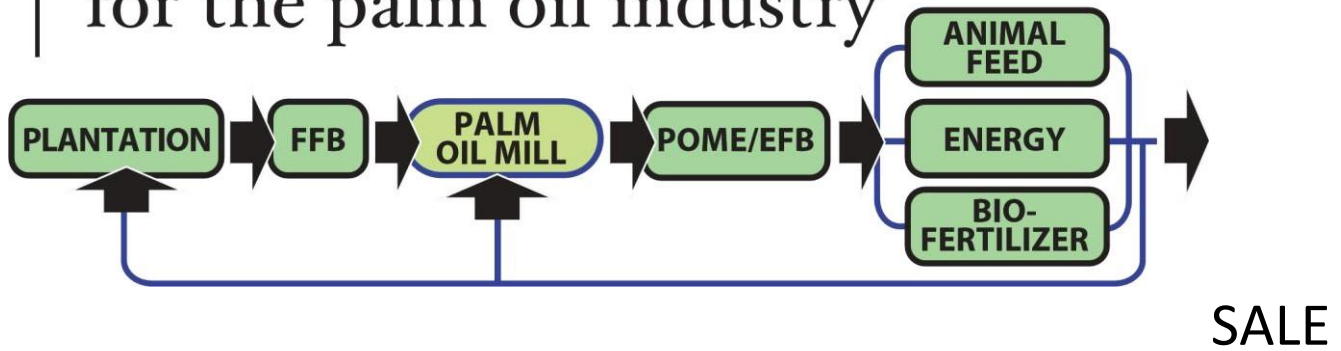


# ZERO DISCHARGE MILLING

for the palm oil industry



## Fundamentals:

- It is not acceptable on a long-term to throw effluents or residues to the environment
- Both POME and EFB are organic residues and have some economic value as raw material, animal feed, fertilizer or energy
- We drive the mills among the numerous options to valorize EFB and POME

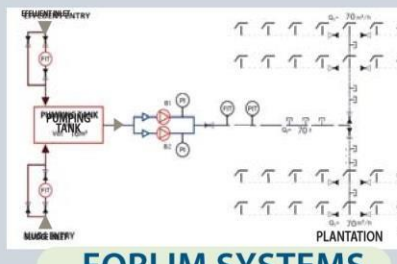
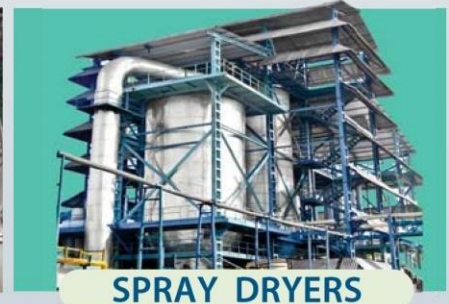
## Main technologies:

RAC : Biogas Plants (lagoon - tank)

FORLIM: Dosed and monitored liquid fertilization

## TRANSFORMING "POME" INTO A VALUABLE

- ANIMAL FEED
- BIOFERTILISER
- ENERGY



■ BED : Bio-Evapo-Drying, up to an enriched humic fertilizer

■ ED: POME Evapo-drying up to powdered animal feed

co-co : EFB-POME co-composting

Equipment for cake and sludge management/valorization:

■ Tridecanter cake to powdered animal feed ZERO

DISCHARGE MILLING

■ Biological sludge dehydration and drying



a BIOTEC concept