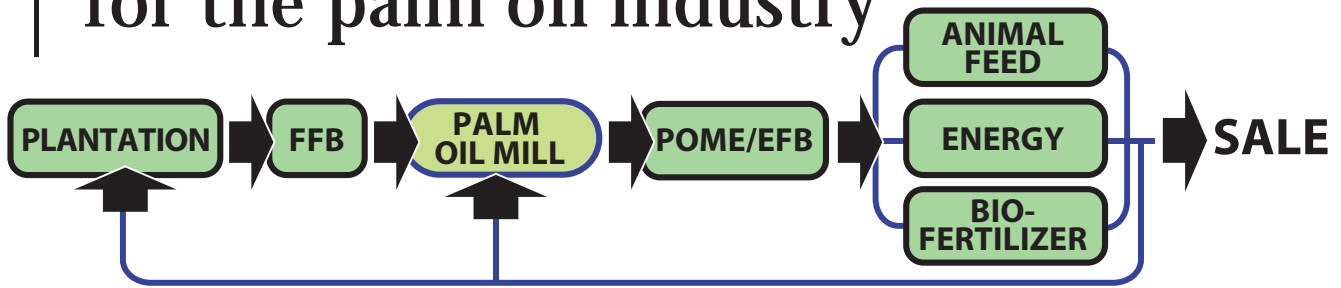


# ZERO DISCHARGE MILLING

## 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
- 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 sludge to powdered animal feed
- Biological sludge dehydration and drying



TRANSFORMING "POME" INTO A VALUABLE

- ▶ **ANIMAL FEED**
- ▶ **BIOFERTILISER**
- ▶ **ENERGY**



**BIODIGESTERS**



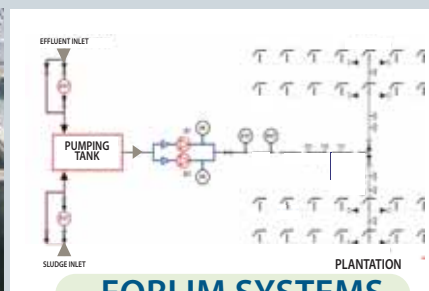
**EVAPORATORS**



**SPRAY DRYERS**



**PADDLE DRYERS**



**FORLIM SYSTEMS**



**CO-COMPOSTING**