

# **IDENTIFICATION OF POTENTIAL CDM PROJECTS IN MAURITIUS**

## **Group 1**

\*Energy from biomass (coconut waste)

Bio-diesel from coconut oil for elec. Combined with PV

\*PV panels for electricity in Mauritius

EE in commercial and industrial building

Seawater for air conditioning

Bio-composting

**Solar Water Heaters** (Integrated resource scheme and other green field schemes)

Small co-op pig farm consolidation methane recovering

\*Chillers - change of refrigerants (GTZ PIN)

## **Group 2**

Reforestation 100 ha

Growing coral reefs (underwater trees)

Composting project

Cogen throughout Mauritius (small scale)

PV panel

**\*50 000 CFLs (in govt. building) and Street lighting LED lamps and \*Power bosses (motor controller for pumps and compressors)**

bio-diesel (from waste sources 5% hotel chains)

\*National blending of bio-ethanol with petrol

Efficient energy engines for busses

### **Group 3**

Energy

Increase bagasse co-gen

Tapping of solar energy subsidizing SWHs

\*Wind energy on Mauritius (25MW)

2MW wind on Rodrigues

Hydro 200kW + 330kW

1 million CFLs to households

Industry

Centralised cooling systems

Intersector transport using biodiesel (trucks in busses)

LPG in cars

Smaller cars

Mass Transit by Bus Rapid Transit system

Livestock waste for biogas

LULUCF

Increase CV of bagasse?

Solid waste

\*LFG powered electricity generation

## **Group 4**

Afforestation/Reforestation of marginal sugar plantation land on Mauritius (or oil plants)

Solar passive design for housing

Wind and solar fuel switching from HFO in textile plants

Energy efficiency in hotels

Biogas from cattle