

# SOUTH AFRICA

## MANAGEMENT OF SUSTAINABLE ENERGY PRODUCTION FROM INTEGRATED WASTE MANAGEMENT AND AGRICULTURAL PROCESSING SYSTEMS

### BACKGROUND

Many MSMEs lack awareness of sustainable agricultural value/ supply chains and how agricultural waste to energy systems can assist in SCP practices. The sector is facing unprecedented resource pressures. The agricultural production is envisioned to be clean powered by renewable energy and energy efficient systems. This information is vital in reducing costs and improving output yields and adhering to relevant policies that are in place within South Africa.

Both REEEP and SANEDI will work together in facilitating energy research, energy stakeholder collaboration and dissemination of national and international renewable energy knowledge that assist in contributing to a green economy.

### REEEP (RENEWABLE ENERGY AND ENERGY EFFICIENCY PARTNERSHIP)

#### PARTNER:

SANEDI (South African National Energy Development Institute)

#### LOCATION:

South Africa

#### Budget



\$250,000.00

#### Timeline



24 Months

### OBJECTIVES

The overall objective of this intervention is to support South African MSMEs and ecoentrepreneurs in the agricultural and waste management sectors by achieving sustainable development by assisting the transition towards an inclusive green economy and SCP patterns and practices.

### ACTIONS

- » Assessment & benchmarking of the agriculture business environment in waste and energy with a focus on capacity building needs, building on current inventories
- » Initial review of current sources of private investment (domestic & foreign) that influence the National and local economy, including green investment opportunities in agriculture, waste and energy
- » Develop/ build on a current inventory of existing policy, regulation, standards, instruments/technology and Best Practice reference tools, & practices
- » Develop preliminary recommendation on the key policies, economic and fiscal instruments and capacity building measured necessary to enable investment into reshaping agricultural practices to incorporate waste to energy and sustainable supply chains toward sustainable business practices
- » Stakeholder engagement ,Capacity Building, Training and Networking