CONTEXT

The development of bioenergy projects in Senegalese and Cameroonian SMEs is slowed down by non-technological barriers :

- administrative and financial barriers;
- the unsufficient knowledge and abilities of actors involved in industrial bioenergy projects development;
- lack of general information regarding energy efficiency improvement in SMEs as well as adapted EU technologies.

Non-valorized wood waste from Cameroonian wood industry SME

OBJECTIVES

The project aims at creating a favourable frame to develop a higher energy efficiency within the Smes. It focuses on :

- tackling non-technological barriers to bioenergy devlopment;
- Senegalese and Cameroonian SMEs;
- SMEs production processes using biomass for their heating needs.

EXPECTED OUTPUTS

- Better knowledge of the actors about the most recent technologies currently available in Africa and in the EU to answer their specific needs
- Higher capacity of the Senegalese and Cameroonian energy consultants and energy advisers.
- Better information service for SME managers motivated and interested to implement a bioenergy plant.
- Better administrative frame to implement a bioenergy project in SME sectors.
- Better visibility of the different actors and the actions they are able to carry out.

Power generation in a palm oil mill

METHODOLOGY

SURVEYS ON SMEs

To realise a diagnosis of possible improvements in energy and bioenergy use by SMEs in order to identify and to define the most relevant SME sectors

POLICY DIALOGUE WORKSHOP

To stimulate the implementation of a better-adapted administrative and policy framework through a collaboration between national policy makers and SMEs managers.

Biomass residues

TRAINING COURSES

To strengthen the capacities of the Senegalese and Cameroonian consultants and the energy advisors to support the devlopment of bioenergy projects in SMEs.

VISIBILITY ACTIONS

To improve the visibility of the different actors involved in the development of bioenergy projects in SMEs and the actions they are able to carry out. To improve the information service for the SME managers about the energy efficiency by using biomass.

ACTIVITIES

- Diagnosis of possible improvements in heat energy efficiency and bioenergy use by different SME sectors in Senegal and Cameroon.
- Preliminary analysis of industrial and semi-industrial bioenergy projects by the means of a standard methodology and identification of non-technological barriers to the development of SMEs bioenergy projects.
- Training courses on bioenergy consultancy capacities strengthening and on bioenergy project cycle management for SMEs.
- A policy dialogue workshop analyses the identified barriers to the development of bioenergy in SMEs sectors, and formulates recommendations for concrete actions.
- The development and improvement of information system and services of the energy centres of Cameroon and Senegal.
- All the outputs of the different work packages are compiled in a vade-mecum, which constitutes a handbook for building SME bioenergy projects.
- A professional communication system will disseminate the results of the project and will build a long term partnership between partners.

Duration : July 2005 – December 2007

PARTNERSHIP

This project is carried out by a consortium of three European and two African centers / non profit organisations.

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Stimulation of bioenergy projects development in Cameroonian and Senegalese SMEs

Intelligent Energy Europe

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