

Project title : ETUCHAUX - Feasibility study for the installation of an ecological pyrolysis lime furnace in Burkina Faso

Project place	Project cost	Role in the project	Technical and financial sponsors	Dates
Burkina Faso	5 000 €	Pyrolysis furnace expertise	COVEMI	February 2014 - April 2014

Project's goals and results

Main goals

Feasibility study for the establishment of a cashew shell pyrolyzer to supply the COVEMI lime furnace

Specific objectives

- Improve the business model
- Reduce pollution

Beneficiaries

Results

R1. The study is carried out

R2. The most appropriate solution is selected

R3. COVEMI invest for furnace construction

Activities

A1. Inventory of knowledge and visits to COVEMI sites

A2. Determination of the technical and economic feasibility for two scenarios envisaged: (i) installation of a pyrolysis device on existing furnaces, (ii) construction of a new environment-friendly kiln to produce lime from Tiara limestone

A3. Pre-selection of techno-economic options that seem most relevant

A4. Techno-economic modeling carried out for each selected technical proposal

A5. Preparation of a study report (provisional and definitive) submitted for validation by COVEMI and summarizing the technical and economic conclusions concerning the study