

Project title : PYRONALA - Design, construction and installation of a heating system based on cashew nut shells in a Sahanala processing plant in Madagascar

Project place	Project cost	Role in the project	Technical and financial sponsors	Dates
Madagascar		Expertise in biomass valorization	Sahanala	May 2022 - October 2022

Project's goals and results

Main goals

Nitidæ has developed a "H2CP" technology (High Calorific Cashew Pyrolyser) that uses cashew nut processing plant wastes (cashew shells) in a pyrolysis furnace coupled with a boiler to produce (i) pressurized steam for the cashew nut shelling process and (ii) bio-coal usable as domestic fuel

Specific objectives

SO1. Design, build and install the heating system in Anstohihy

SO2. Train the farmers to use it

SO3. Provide advisory and support on aspects related to hygiene and quality for cashew nut processing

SO4. Supply support and advice on reforestation activities

Beneficiaries

Results

Activities