

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