



Article 6.4 Mechanism
Prior consideration notification form for projects
(V01.0)

Project Title:	Technology development project of biomass plant demonstration based on unused resources
Names of the activity participants:	K-BEST(Korea-Biomass eco-Energy Southeast asia Technology development)
Host party:	Vietnam
Precise geographical location (Full address or GPS coordinates):	Latitude: 11°28'12.1"N, Longitude: 106°07'50.9"E
A brief description of the technologies or measures to be deployed:	<p>The purpose of this project activity is to install 6MWth class tri-generation plant to generate thermal energy and electricity and displace the energy that is produced using fossil fuel. This activity will use bagasse-biomass residue generated from the sugar cane factory nearby. It is meaningful to utilize the unused renewable fuel based on the characteristics and demand of Vietnam.</p> <p>This project is Triple-cogeneration plant using bagasse. The main process of the project is bio-drying, torrefaction of bagasse, generate steam from combustor & boiler and generate electricity from steam turbine.</p>
The Article 6.4 mechanism methodology to be applied (if already known):	Not known
The actual or planned start date of the activity:	01 Mar 2024
The type of the crediting period:	Fixed
Start date of the crediting period:	01 Jan 2026
The approximate amount of GHG emission reductions or net GHG removals expected to be achieved by the project on average:	<p>Total Baseline Emission (10 years): 197,542 tCO₂eq per year</p> <p>Total Project Emission (10 years): 773 tCO₂eq per year</p> <p>Total GHG Emission Reductions (10 years): 196,769 tCO₂eq per year</p>