

The project activity is located in a rural belt and will contribute positively to the ‘Sustainable Development of India’ by further strengthening four pillars of sustainable development:

➤ **Social well-being:**

The Project activity is contributing to a small increase in the local employment by employing skilled and unskilled personnel for operation and maintenance of the equipment. The productive use of an agro waste will bring in associated economic and social benefits. The project will also help to bridge the gap of electricity demand and supply at local and national level.

➤ **Economic well-being:**

The increase in demand of rice husk exerted by the project will have local effect on its price and will generate additional revenue for the rice millers, which in turn will benefit the local farmers, as this is paddy-growing area. The project activity will result in saving the coal and HSD and allowing it to be diverted to other needy section of the economy.

➤ **Environmental well-being:**

The project activity is a renewable energy power project, which will collect & use waste biomass generated in the local region as a fuel for power generation and export clean power to the CSEB grid. This electricity generation will either substitute or supplement the power generation by CSEB using conventional sources of energy (which also includes high carbon emissive fuel). Thus it will reduce the CO<sub>2</sub> emissions which otherwise would have been emitted due to the generation of power by CSEB grid generation mix. Conserving coal by avoiding the process steam generation from coal fired boiler and mitigating the emission of GHG(CO<sub>2</sub>) as a rice husk is a carbon neutral fuel.

➤ **Technology well-being:**

The project activity is adopting an advanced and sustainable technology for long-term benefits.