



Biomass to energy, India

This small scale biomass plant is generating green power from abundant agricultural waste in central India.

Location



The project is located in Chattisgarh province in central India. The region is called 'Dhana Ka Khatori' (Rice Bowl), and a survey carried out indicates that agricultural residues are available in abundance within a radius of 100km from the plant site.

Project



The plant uses rice husk and saw dust as the major fuel. Before the project implementation, these were under-utilized and left for decay or burnt in the fields. Today, hundreds of farmer families in the region earn extra income through the sale of their biomass to the power plant. In other words, the plant is generating commercial value to crop residues, enabling farmers to get better prices out of their work and reach a higher living standard.

The collection of biomass from the region and the operation of the plant generated significant employment. In addition, the project owner is active in educational support of rural areas and health care for the poor. With nearly 60% of India's population depending on agriculture, the project owner has embarked on a programme of educating and training farmers in managing the waste generated from their produce.

Checklist Project 301 431

✓ Additionality and permanence:	according to the rules of the Gold Standard
✓ 3 rd party verified::	by TÜV Nord
✓ Transparency:	provided by the UNFCCC
✓ Annual CO ₂ reduction:	20,000 tCO ₂ e
✓ Social and environmental benefits:	as documented in our database

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