



Liaoyuan biomass plant, China

The project replaces fossil fuel use by utilizing local surplus biomass residue to generate sustainable electricity for North-East China.

Location



The project is located in north-eastern China. Liaoyuan with its rich agricultural resources is one of the biggest agriculture bases in Jilin province.

Project



In China's northeastern province of Jilin, agriculture traditionally forms the most important part of the local economy. With economic development, modern industries evolve and demand for electricity rises. The Liaoyuan Biomass project has been implemented to fuel the province's economy with clean energy and at the same time benefit regional farmers.

Crop residues are collected, providing additional income for hundreds of farmers and their families. Before the implementation of the project activity, the valuable biomass (mostly maize stalks and husks) was considered as waste and burned in an unregulated manner. Now, thousands of tonnes of biomass are collected by the project activity annually and transformed into carbon neutral energy for the wider region.

Checklist Project 301 481

✓ Additionality and permanence:	according to the rules of the VCS
✓ 3 rd party verified:	by re-consult
✓ Transparency:	provided by APX Registry
✓ Annual CO ₂ reduction:	190,000 tCO ₂ e
✓ Social and environmental benefits:	as documented in our database
✓ Marketing material:	high resolution pictures available

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