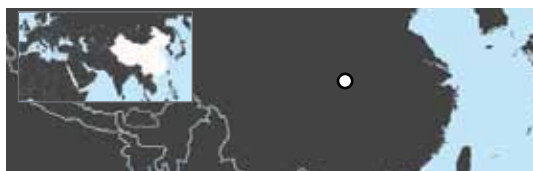




Biomass to energy, China

The project replaces fossil fuel use by utilizing local surplus biomass residue to generate sustainable energy.

Location



The project is located in central China, in the province of Hubei. Called the “Land of Fish and Rice”, the province is known for its agricultural production of cotton, rice, wheat, and tea. Agricultural residues pose an opportunity for clean energy generation from biomass.

Project



With China's economic development, modern industries evolve and demand for electricity. This biomass project has been implemented to fuel the province's economy with clean energy and at the same time benefit regional farmers. Local biomass residues from rice husk, rape husk, corn stalk, wheat straw, cotton straw and forest residues are collected and used for electricity generation. The generated power is fed into the grid and replaces fossil fueled electricity.

Only 40% of the total biomass residues are recycled and utilized as firewood, fertilizer, feedstock for papermaking, etc. Before the project implementation, the remaining biomass residues were surplus and dumped or left to decay or burned.

The project transfers advanced biomass technology to a developing region. The implementation of a second power production line is already under planning.

Checklist Project 301 430



✓ Additionality and permanence:	according to the rules of the VCS
✓ 3 rd party verified::	by Applus+ LGAI
✓ Transparency:	provided by APX Registry
✓ Annual CO ₂ reduction:	120,000 tCO ₂ e
✓ Social and environmental benefits:	as documented in our database

For further information and to learn about availabilities please contact:

South Pole Carbon Asset Management Ltd., Sales Department

sales@southpolecarbon.com

+41 43 501 35 50

www.southpolecarbon.com

Zurich · Bangkok · Beijing · Hanoi · Jakarta · Johannesburg · Kampala · London · Medellin · Mexico City · New Delhi · Sydney · Taipei

All information as of 2013. Disclaimer: Please note that this publication is for your information only. Neither South Pole Carbon Asset Management Ltd. nor any person acting on behalf of South Pole Carbon Asset Management Ltd. is responsible for the use which might be made of the following information, especially not for the completeness and correctness of the material contained herein.

