

**CHINA: INNER MONGOLIAN MENGNIU AOYA BIOGAS POWER PROJECT  
(1.36 MW)**

Kyoto Mechanism:	Clean Development Mechanism
Project Category (UNFCCC):	AMS.I.D. „Grid connected renewable electricity generation“ and ACM0010 „Consolidated baseline methodology for GHG emission reductions from manure management systems“
Location:	Shengle Economic Zone, Helin Ge´er County, Hohhot, Autonomous Region of Inner Mongolia
Emission Reductions purchased:	107,010 t CO <sub>2e</sub>



The Inner Mongolian Mengniu Aoya Biogas Power Project is aimed at reducing greenhouse gases which are emitted in the course of breeding of cattle. The project consists of the installation of a biogas plant designed to produce electricity in the North of China. The plant commenced operation in June 2008.

The Biogas plant is being operated by liquid manure and dung of 100,000 cattle. Parts of the plant are delivered by the Austrian company Sattler AG. The Biogas reactor is charged with the daily accumulating amount of 280 tons of dung and 410 tons of liquid manure. A gas motor with a capacity of

1.36 KW transforms the produced biogas into electricity. There are facilities available in the biogas plant which allow for the desulphurisation of the biogases and the deposition of the condensates. The emissions of the plant correspond to the national legislation. The energy generated by this plant is fed into the North China Power Grid.

The project will generate approximately 107,000 emission reductions between 2008 and 2012 and it will also create 12 additional high value jobs.