

CHINA: WASTE HEAT RECOVERY FOR POWER GENERATION PROJECT IN BEIJING LIMA CEMENT CO., LTD.

Kyoto mechanism:	Clean Development Mechanism
Project category (UNFCCC):	AM0024 „ Greenhouse gas reductions through waste heat recovery and utilization for power generation at cement plants”
Location:	Beijing City, China
Emission reductions:	83.000 t CO _{2e} until 2012



The Waste Heat Recovery for Power Generation Project (4.5 MW) in Beijing Lima Cement entails the usage of waste heat of the production process in the cement plant of Lima Cement Co., Ltd. in the suburbs of Beijing City. The project utilizes the waste heat recovery technology for power generation by utilizing the waste heat of the exit gases from the suspension pre-heater and the air quenching chamber. The total installed capacity of the project is 4.5 MW with a net power supply of 27,210 MWh.

The project will generate a total amount of emission reductions of appr. 83,000 t CO₂ equivalents until 2012.