Project Summary:

Purpose: To improve the energy efficiency and environmental performance of heating and gas services


IBRD Financing: US$191 million

Project ID: P099224

Mitigation: Energy efficiency in urban heating systems

Liaoning Third Medium Cities Infrastructure

Inefficient coal-fired heat boilers and coal-based combined-heat and power plants provide the majority of heating services in Liaoning Province (Northeast China, where winters are long and extreme). The project will improve the energy efficiency and environmental performance of heating services in participating cities in the Province.

The project supports rehabilitation and construction of centralized heating systems (replacing inefficient and highly polluting small boilers with larger systems utilizing more effective emissions controls), recovery of waste heat from power and steel production, and improvements in urban gas infrastructure, including rehabilitation of transmission facilities and storage expansion. The project contributes to the reduction in emissions associated coal combustion products, including dust, sulphur dioxide, and CO₂. An estimate of emissions reduction is not available as it will depend on the composition of the final subprojects selected for financing.

More Information: