

Ukraine District Heating Energy Efficiency

Green Bond Criteria: Mitigation

Improve energy efficiency and quality of service of selected Ukrainian District Heating (DH) companies.

Expected Results include:

- 398,000 MWh reduction of energy losses annually
- 246,800 tons of CO₂eq. reduced annually
- 1.96 million consumers are served by the participating DH companies.

IBRD Loan Amount:

US\$332 million



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Country Challenge

Ukraine's gas use has been reduced in recent years, but its aging equipment base prevents it from reaching modern energy efficiency standards. District heating is the third largest gas consumer after households and industry. Inefficient boilers with limited temperature controls provide no incentives to users to save energy. About 80,000 high-rise buildings connected to DH networks consume 44% of the country's heat energy resources.

Project Goals

Working with 10 DH companies, the project rehabilitates, upgrades, and or replaces boiler houses, insulates piping, and introduces building level meters, among other energy efficiency investments. It also supports customer outreach and technical assistance for energy conservation.

For more information:

<http://www.worldbank.org/projects/P132741/district-heating-energy-efficiency?lang=en>