

Astana energy efficiency



Overview

This report outlines the key results and findings of an energy efficiency (EE) study “Energy Efficiency Transformation in Astana and Almaty” conducted by the World Bank (WB) between November 2016 and November 2017 in Astana, using the Tool for Rapid Assessment of City. This report outlines the key results and findings of an energy efficiency (EE) study “Energy Efficiency Transformation in Astana and Almaty” conducted by the World Bank (WB) between November 2016 and November 2017 in Astana, using the Tool for Rapid Assessment of City. The program supports sustainable urban infrastructure development in Eastern Europe and Central Asia and helps cities reduce greenhouse gas emissions. It provides technical and analytical assistance to municipalities as they design and implement climate-friendly investments in water supply. The study is under Kazakhstan Energy Efficiency Project (P130013) which aims to improve energy efficiency in public and social facilities and the enabling environment for sustainable energy financing. Architecturally, there are two Astanas. They are visible from banks of the Ishim River that divides the city into what the public calls the "left" and "right" banks.



Article Content

Empowering the Future of Kazakhstan's Energy Sector

The Energy Tariff Workshop in Astana gathered over 70 online and offline participants to discuss practical application of the proposed package of

Kazakhstan: Energy Efficiency Transformation in Astana and Almaty

Acknowledgments This report represents part of a study “Energy Efficiency Transformation in Astana and Almaty”, which was financed by the World Bank's Energy Sector Management Assistance

IPJ – Ingenieurbüro P. Jung | Astana Mosque: a model of energy

The demand for heating has been reduced to about one-third (35 percent) of what is normal in Kazakhstan through a clever combination of measures to increase energy efficiency.

Conference in Astana proposes measures of improvements for the energy ...

28. October 2024 As part of the energy dialogue between the governments of Kazakhstan and Germany and with the support of the Ministry of Industry and Construction of the Republic of Kazakhstan, the

Astana's High-Tech Makeover Reshapes Urban & Energy Landscapes

“Technological changes in Astana have significantly improved urban infrastructure, visual appearance, and digital services,” Manassova notes. This is not just about aesthetics; it's about

Kazakhstan: new energy efficiency plans for Astana and Almaty

ASTANA (TCA) — Kazakhstan is set to develop urban Energy Efficiency Plans for its two largest cities – Astana and Almaty. A new study, conducted jointly by city municipalities and the

World Bank Document

Acknowledgment This report is presenting the key findings of the “Energy Efficiency Transformation in Astana and Almaty” study, a project financed by the World Bank's Energy Sector Management

Kazakhstan: Municipal Energy Efficiency Plan for the City of Astana

The objective of this study is to outline an urban EE strategy for the next 12 years for the city of Astana, up to 2030, by assessing the energy performance of the municipal service sectors and identifying

Conference in Astana proposes measures of improvements for the

Kazakhstan has the necessary conditions for the development of energy efficiency measures in buildings (legal framework, programmes to support owners in the refurbishment of

Energy Efficiency Training Drives Kazakhstan Toward Cleaner,

ASTANA — The final session of the FELICITY II energy consultant training program recently convened engineers, architects and policymakers in Astana to build expertise in reducing

Synthesis report : unlocking energy efficiency potentials in cities in ...

This report is presenting the key findings of the Energy Efficiency Transformation in Astana and Almaty study, a project financed by the World Bank's Energy Sector .

THE CONCEPT OF THE SMART CITY OF ASTANA: ENERGY-EFFICIENT

Keywords: sustainable development, smart city, energy supply, energy system, infrastructure, management, new technologies Abstract Digitalization of the economy is one of the

An advanced data analysis method using heating degree-days for ...

The Results section showcases the application of these methods to buildings in Astana, highlighting efficiency classifications and potential energy savings. The Discussion analyzes the

Expo 2017 Astana: Sustainable Legacy in the Planning

The Astana Brief From the start of Expo 2017, it was understood that the project was rich in potential, rich in program and had a vast array of building types associated with it. It had cultural significance

World Bank Document

This report outlines the results and key findings of an energy efficiency (EE) study - “Energy Efficiency Transformation in Astana and Almaty” - conducted by the World Bank between November 2016 and

Kazakhstan : Energy efficiency transformation in Astana and Almaty ...

This report outlines the results and key findings of an energy efficiency (EE) study -

Unlocking Energy Efficiency Potentials in Cities in Kazakhstan

This report is presenting the key findings of the “Energy Efficiency Transformation in Astana and Almaty” study, a project financed by the World Bank's Energy Sector Management Assistance Program

Astana fashions a people-friendly city through clean energy transition ...

But when experts calculated the reduced emission of greenhouse gases due to energy modernization to be about 1,000 tonnes annually, this helped inspire a focus on energy efficiency. Up

Municipal Energy Efficiency Plan for the City of ASTANA

This report represents part of a study “Energy Efficiency Transformation in Astana and Almaty”, which was financed by the World Bank's Energy Sector Management Assistance Program (ESMAP) - a multi

(PDF) THE CONCEPT OF THE SMART CITY OF ASTANA: ENERGY-EFFICIENT ...

Based on the policy and measures related to energy, and economically sustainable development of the city of Nur-Sultan the regression analysis on data and SWOT analysis are

Fashioning a people-friendly city – Vanquishing pollution ...

While the country doesn't yet have the technical tools to measure these reductions, cities are setting measurable targets where they can – in

Energy Efficiency Training Drives Kazakhstan Toward

Participants examined how design and construction factors, such as the building's shape, insulation quality, airtightness, and the performance of

New Energy Efficiency Plans To Unlock Kazakhstan's Energy Potential

ASTANA, November 28, 2017 — Kazakhstan is set to develop urban Energy Efficiency Plans for its two largest cities – Astana and Almaty. A new study, conducted jointly by city municipalities and the

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