



EU- Kazakhstan: Sustainable Energy Days

Sustainable Energy in Kazakhstan: Prospects and Challenges Rixos President Astana Hotel, June 2, 2023

Energy efficiency in Kazakhstan – from policy development to implementation

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ENERGY SAVING AND INCREASED ENERGY EFFICIENCY



ҚАЗАҚСТАН РЕСПУБЛИКАСЫ ИНДУСТРИЯ ЖӘНЕ ИНФРАҚҰРЫЛЫМДЫҚ ДАМУ МИНИСТРЛІГІ

МИНИСТЕРСТВО ИНДУСТРИИ И ИНФРАСТРУКТУРНОГО РАЗВИТИЯ РЕСПУБЛИКИ КАЗАХСТАН

ENERGY INTENSITY

GDP Energy Intensity Targets*

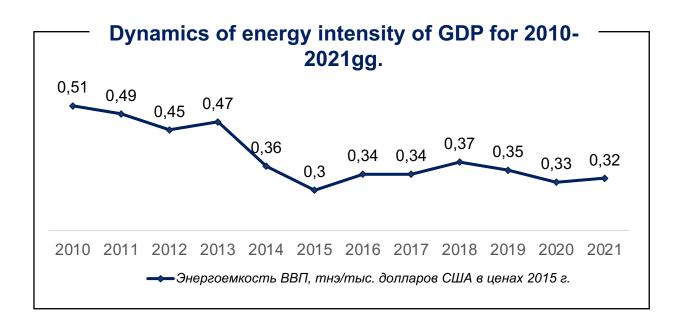
30%

by 2030

50%

by 2050

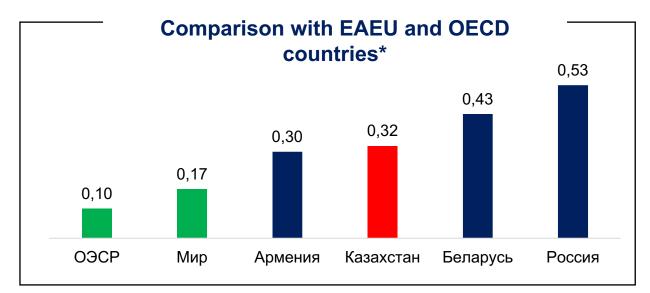
*from the level of 2008



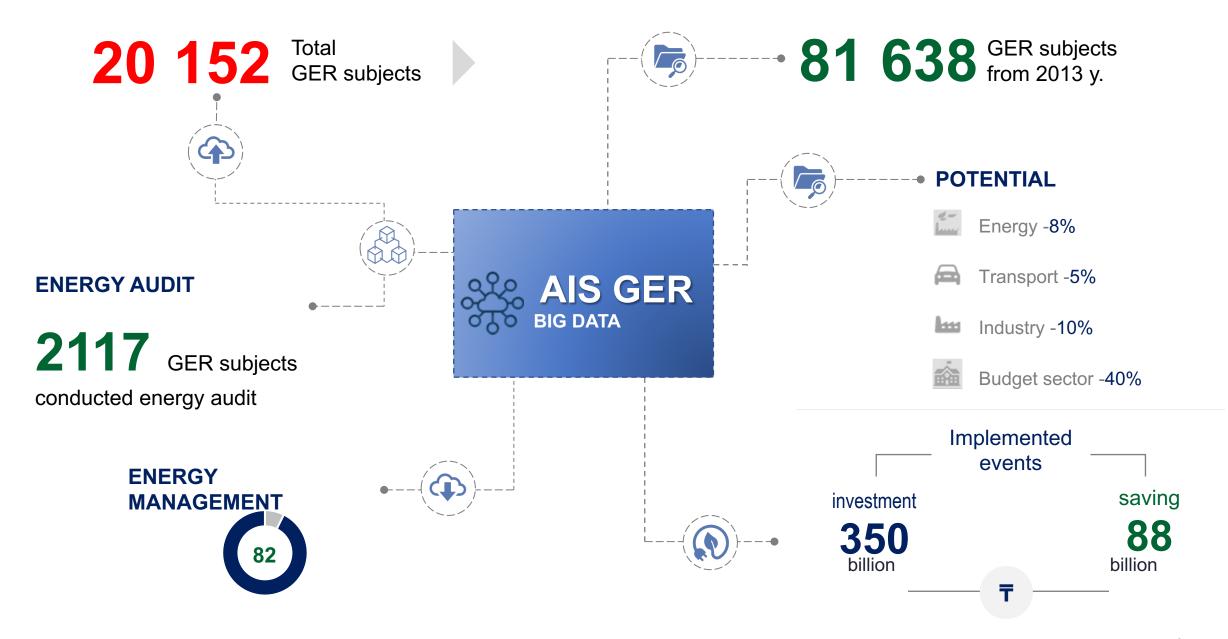


38.5%

reduction in energy intensity of GDP by 2021 year from the level of 2008.



STATE ENERGY REGISTER



STATE OF THE HOUSING FUND OF THE REPUBLIC OF KAZAKHSTAN

MZD RK 54 731





1.4%

EMERGENCY HOUSES

752



5,5%

dilapidated houses

3024



31.1%

TO BE MAJORLY REPAIRED 17044

Established by

31940

Established

27 604

Target by instrumentation level

The need for PMO

8487

The need for the OCW

10 219

2025ye ar



The current level of equipment of the operating facility

76%

100%

WORLD BANK PROJECT "INCREASING ENERGY EFFICIENCY IN KAZAKHSTAN"



21.7 million\$



1June 2015 -10 June 2022



PROJECT IMPLEMENTATION

TOTAL MODERNIZED960BJECTS

PROJECT BENEFITS



Energy Savings up to 25 % And 500 million tenge



Creation of more than 2 thousand work places



The share of local content materials and services amounted to 85%



Installing more thank 4 thousand LED street lights



Emission reduction of 259 010 tons of CO2

LAW OF RK "On introducing ammendments and additions to some legislative acts of RK on energy saving and increasing energy efficiency»

BASE	Adress of the Head of State to the people of KazakhstanJanuary 10, 2018 "New Development Opportunities in the Conditions of the Fourth Industrial Revolution"
STATUS	adopted June 30, 2022

THE LAW INCLUDES

reforming the system of energy audit



- implementation of the "energy efficient» public procurement
- establishing individualindicators for TOP-100 enterprises
- full coverage of public sector with energy monitoring
- implementation of heat consumption standards for budget organizations
- appointment of energy managers on large enterprises

THE CONCEPT OF THE DEVELOPMENT OF THE SPHERE OF ENERGY SAVING AND INCREASING ENERGY EFFICIENCY







2029 0,29 toe./thousand\$

* dataIEAand Bureau of National Statistics

TASKS for 2023 - 2029gg

