





Climate policy

KAZAKHSTAN'S ONGOING DECARBONIZATION MEASURES



RATIFICATION OF THE PARIS AGREEMENT







STAKEHOLDERS



NDC APPROVAL



ACHIEVING LEDS and NDC GOALS



APPROACHES AND INVESTMENT NEEDS LEDS

Applied approaches:



sectoral



transparent

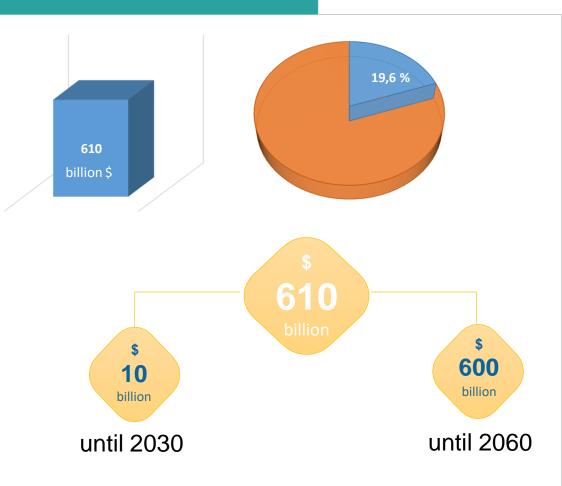


- Industry
- Agriculture and forestry
- Waste management

- Just transition
- Green financing
- R&D and education
- Carbon regulation system



Direct government investments 3.8% of total investments



They are **estimated at \$610.0 billion** – 19.6% of the gross fixed capital accumulation

ROADMAP TO THE STRATEGY OF ACHIEVING CARBON NEUTRALITY IN KAZAKHSTAN BY 2060



The supervising state body is the Ministry of National Economy of the Republic of Kazakhstan



A working group has been established to develop a Roadmap (more than 200 experts)



Approved goals, objectives, main dates of events (sectoral, cross-sectoral directions)



Covers all sectors of the economy (energy, industry, agriculture, waste management)



Planned to develop a unique model of energy transition

International partners:









EMISSIONS TRADING SYSTEM

135 large enterprises

212 quota installations

61 benchmarks

43% of total national greenhouse gas emissions

Regulated sectors of the economy:













The current situation in the Republic of Kazakhstan

- National Allocation Plan for 2022-2025
- Free allocation of quotas
- Average price for tCO 2 ~ 1\$

ACHIEVEMENTS IN THE FRAMEWORK OF CLIMATE POLICY

ITMO's

Kazakhstan seeks to cooperate with countries on the implementation of projects under Article 6.2 of the Paris Agreement

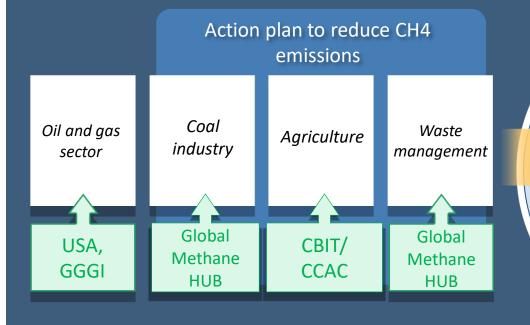
JCM

The Governments of Kazakhstan and Japan signed a memorandum on the joint crediting mechanism

Joining the Global Methane Pledge

Reducing methane emissions by -30% by 2030 on a global scale.

Support from the USA and the EU to reduce methane emissions in Kazakhstan.



need to reduce methane emissions in the oil and gas industry by \$1.4 billion

LONG-TERM PLANS AND NEEDS

THE PATH TO CARBON NEUTRALITY

Improving the ETS			NDC UPGRADE NEEDS
improvement	tightening		Expanding ambition
Increasing the reduction rate in the allocation of carbon quotas		CO ₂	Phasing out coal and a just transition
Strengthening the requirements for the transparency system of monitoring reporting in relation to verifiers		C02	Increasing the share of renewable energy taking into account the Global Stocktake
Improving the implementation of offset projects (afforestation projects, soil absorption)			Measures to reduce emissions in unregulated sectors
The introduction of an auction mechanism and the phased introduction of fee quotas		CO ₂	The role of Article 6 of the Paris Agreement in achieving the NDC
Implementation of projects in the voluntary carbon market		CO ₂	Development of areas involving emission reduction (hydrogen)
Updating benchmarks towards tightening		CO2	Forecasting qualitative models



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