

Recent developments in Kazakhstan on transition to a Green Economy

Policy framework
Legislative Framework
Strategic target goals
Progress and measures taken
EXPO-2017 in Astana “Future energy”

2013 Concept of Transition to a Green Economy

Key thematic areas of the Concept:

- Sustainable use of water resources;
- Development of sustainable and efficient agricultural production
- Energy saving and increasing energy efficiency
- Development of renewable sources of energy
- Waste management
- Reduction of air pollution
- Conservation and sustainable management of ecosystems

2020 target goals for transition to green economy

Reduction of energy intensity of GDP for 25%

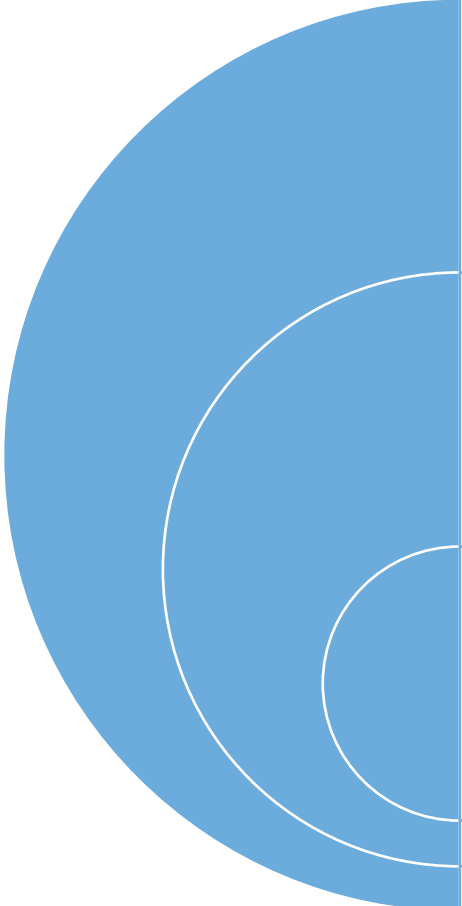
Share of renewables in total energy production at least 3%

Limiting of GHG emissions in the energy sector to the level of 2012

Share of gas in total energy production at least 20%

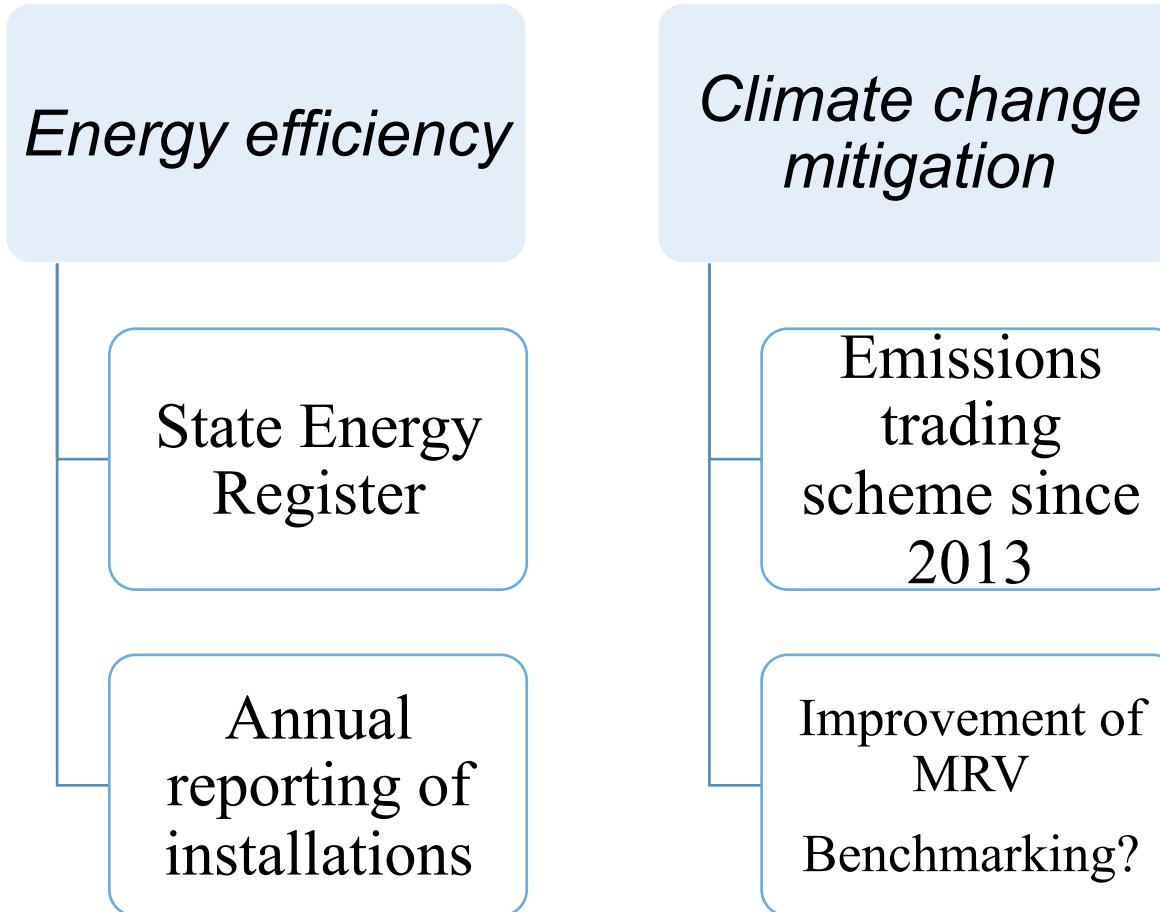
Total switching to gas in energy production of 2 regions

Progress with promotion of renewables



<i>Feed-in tariffs</i>	<ul style="list-style-type: none">• Introduced since 2015• Compensated by coal-fired power plants
<i>Installed capacity</i>	<ul style="list-style-type: none">• Above 250 MWt• Projects in Ermentau, Kordai, Kapshagai
<i>Future development</i>	<ul style="list-style-type: none">• 2020 target is achievable• A number of projects under development, including wind in Shelek

Instruments for energy efficiency and climate change mitigation



Management of waste and air pollution

Extended responsibility of producers

Launched since 2016

Requires to recycle and reuse certain types of waste

Currently it covers:

- Cars;
- Tyres;
- Accumulators;
- Used oils;
- Antifreeze, etc.

Pollutant release and transfer register

Amendments to the Environmental Code adopted in April 2016 to introduce national pollutant release and transfer register

Measures on sustainable transport in cities (Astana, Almaty, Shymkent):

- Priority lanes for public transport
- Switching from diesel to natural gas
- Promotion of bicycles and walking

EXPO-2017 in Astana “Future Energy”

- Thematic focus on renewables and development and promotion relevant technologies
- Over 100 countries and around 20 international organizations have registered for participation
- **Welcome to Astana next year!**