



RES development & Investment support in the Republic of Kazakhstan



KAZAKH INVEST

NATIONAL COMPANY



Single negotiator

on behalf of the
Government



“One-stop shop”

for investors in
Kazakhstan



Trusted experts

with local knowledge and
industry expertise



Network of representatives

abroad and in all regions of
Kazakhstan

Information



KAZAKH INVEST
NATIONAL COMPANY

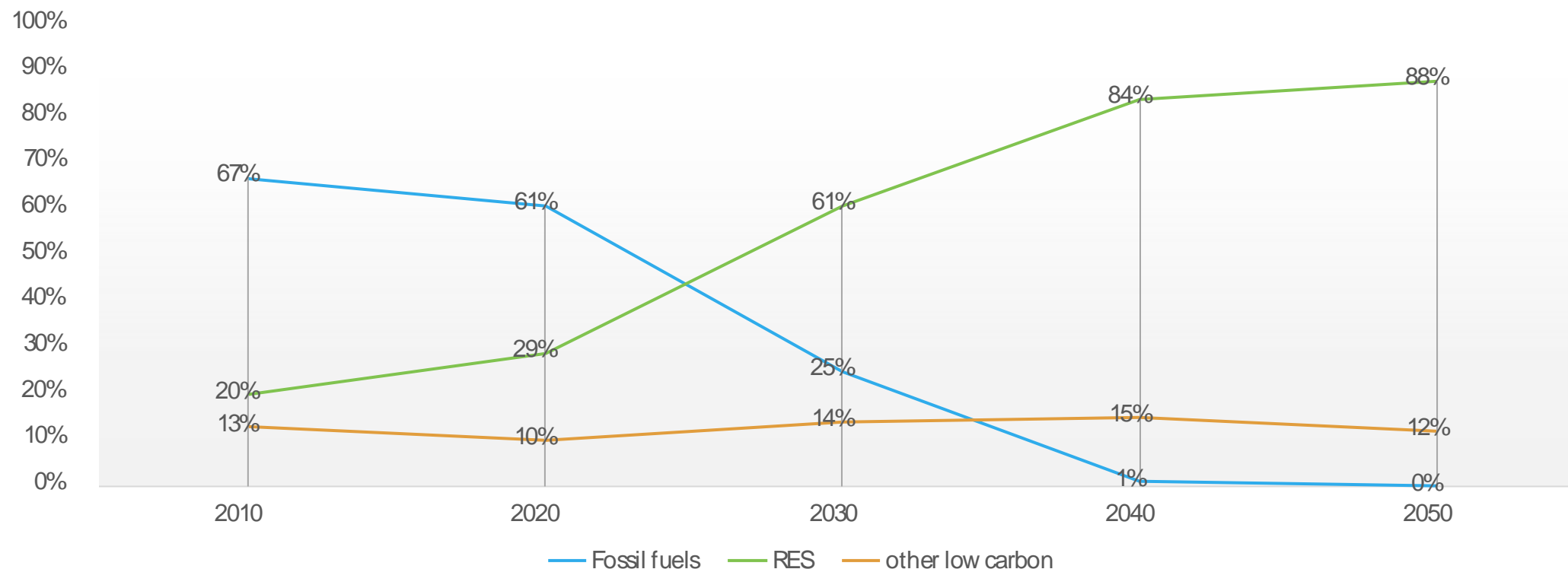
SQUARE	2 717 000 sq.km. (9th in the world)
POPULATION	18 917 ths. people
GDP*	\$169,8 bln. USD
AVAILABLE CAPACITY	22 GWt
ENERGY PRODUCTION	108 bln. kW/h
ENERGY CONSUMPTION	107,3 bln. kW/h
LENGTH OF THE NATIONAL ELECTRIC GRID	25 000 sq.km.

**Data provided by Agency for Strategic planning and reforms of the Republic of Kazakhstan Bureau of National statistics, 2020*

Global trends for RES developments



Energy generation in total energy use



**Data provided by International Energy Agency*

Indicators to decrease CO2 emissions in Kazakhstan



KAZAKH INVEST
NATIONAL COMPANY

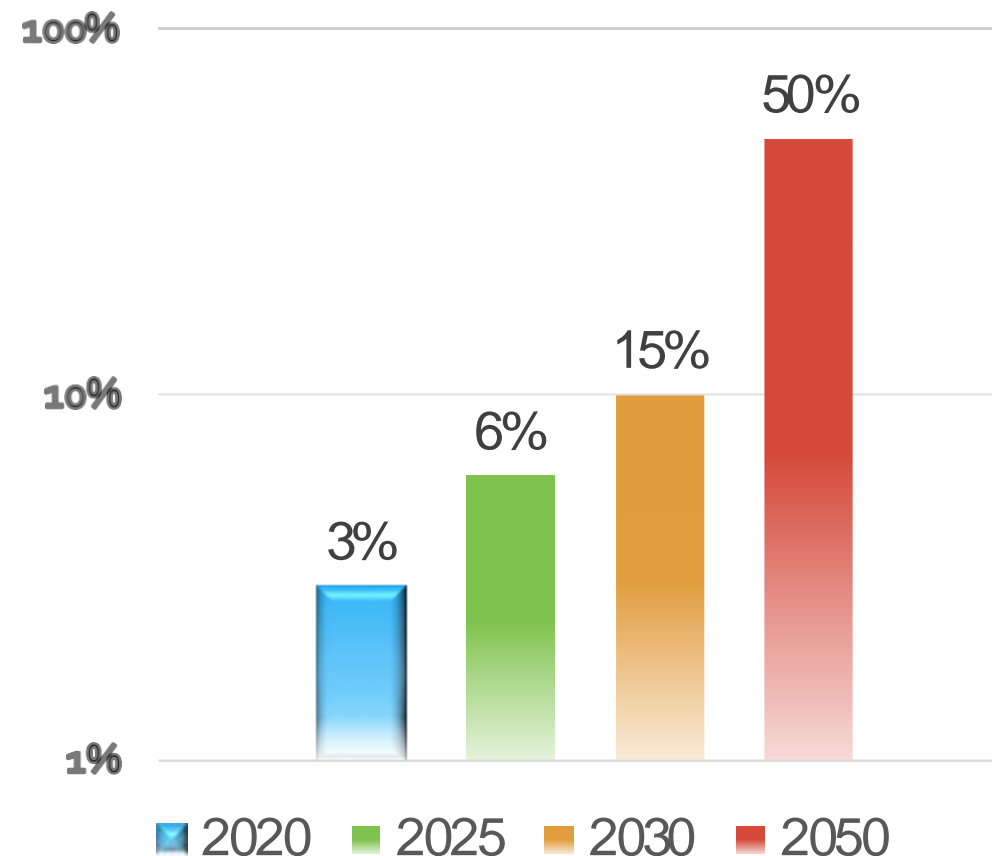
Strategy “Kazakhstan 2050”

Concept of transition to “Green economy”

Paris agreement:

Set a target to reduce greenhouse gas (GHG) emissions by 15% below 1990 levels by 2030

KEY INDICATORS FOR RES DEVELOPMENT:



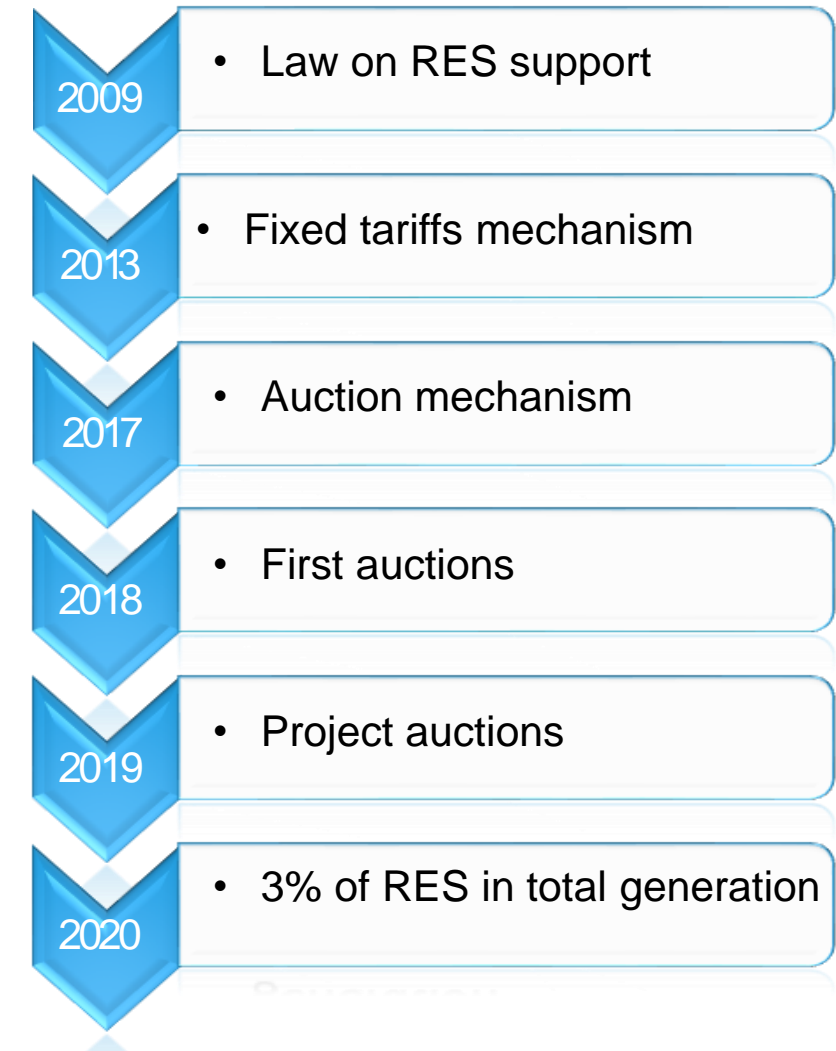
RES development



KAZAKH INVEST
NATIONAL COMPANY

Potential of RES in Kazakhstan:

- wind energy is 920 billion kWh/year
- solar energy – 2,5 bln. kWh /year
- hydro potential-62 billion kWh/year
- thermal potential of geothermal waters is 4.3 GW





The winner of the auction gets the right to:

- Guaranteed purchase of electricity for a period of 20 years
- Annual tariff indexation after a year of operation of the plant: 70% - exchange rate of the national currency to convertible currencies, 30%-CPI
- Priority dispatching
- Exemption from payment for services of electric grid companies

Feed-in tariffs for RES in 2020:

- Wind PP - 21.69 KZT/kWh (\$5,1 USD cents)
- Solar PP – 16.97 KZT/kWh (\$4,0 USD cents)
- HPP – 15.48 KZT/kWh (\$3,6 USD cents)
- Biogas PP - 32.15 KZT/kWh (\$7,5 USD cents)

State investment support for RES



KAZAKH INVEST
NATIONAL COMPANY

	Investment	Investment priority
Exemption from customs duties on imports	+	+
State in-kind grant	+	+
VAT free import	+	
Tax benefits (corporate income tax for 10 years)		+
Exemption from land tax for 10 years		+
Exemption from property tax for 8 years		+
Stability of legislation in the field of taxation and employment of the population in terms of attracting foreign labor		+

Auction results



KAZAKH INVEST
NATIONAL COMPANY

2014

Capacity – 178 MWt
RES stations - 26

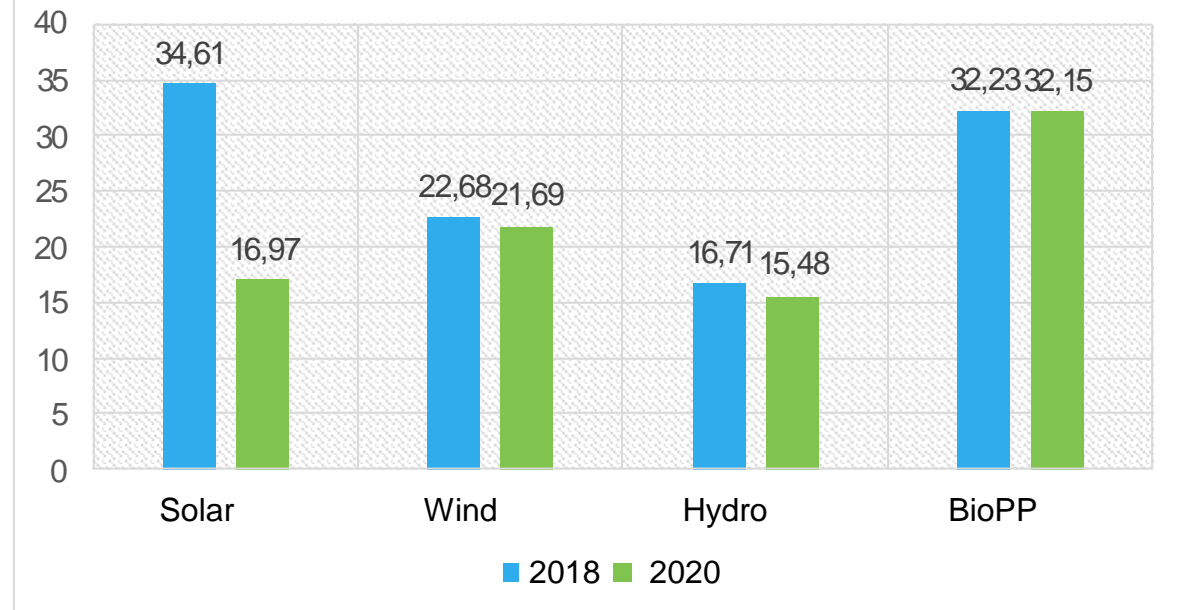
- PPA for 15 years signed by 58 companies
- Number of participants 172 from 12 countries
- Number of auctions 25

As of 2021

Capacity - 1705 MWt
RES stations - 117

In 2021 it is planned -23 RES (381,1 MWt)

Starting selling auctions prices



*Data provided by Kazakhstan electricity and power market operator

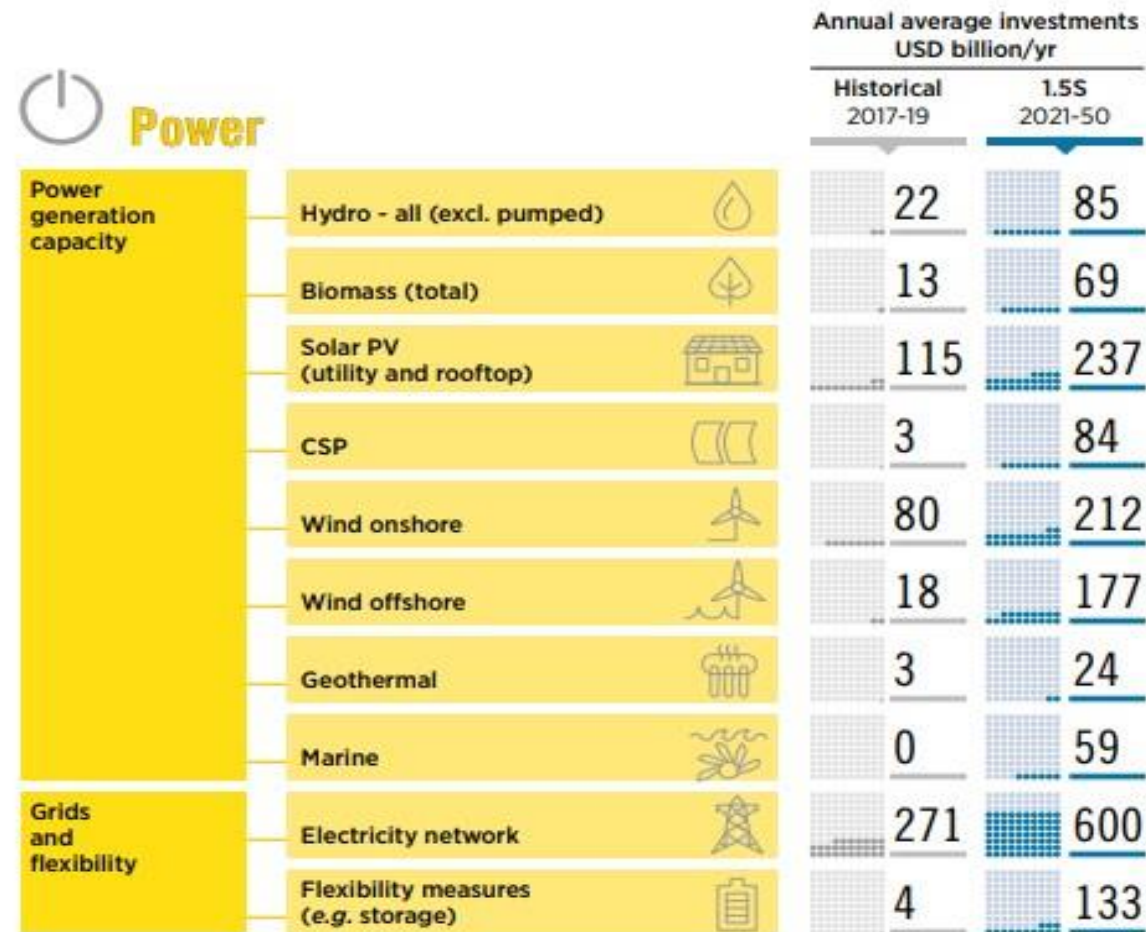
Further steps to consider



KAZAKH INVEST
NATIONAL COMPANY

Energy transition annual average investments, USD billion per year, 1.5°C Scenario

- Hydrogen/“green” hydrogen development
- Energy storage
- HPP program development
- Balancing capacities development
- Low-scale RES development for SME
- Energy efficiency development
- Improvement of legislative framework



*Data provided by IRENA World Energy Transitions Outlook 2021



- selection of the investment opportunities and local partners for investment projects implementation;
- targeting of foreign investors/strategic partners for participation in investment projects in energy sector (including participation on RES actions), by conducting consultations, seminars for potential investors interested in the sector;
- support in deal structuring, project implementation, conclusion of investment contracts for obtaining of investment preferences;
- collaboration with local and government authorities.



Thank you!

Askhat Bekenov

tel.: +7-701-367-15-05

e-mail: a.bekenov@invest.gov.kz