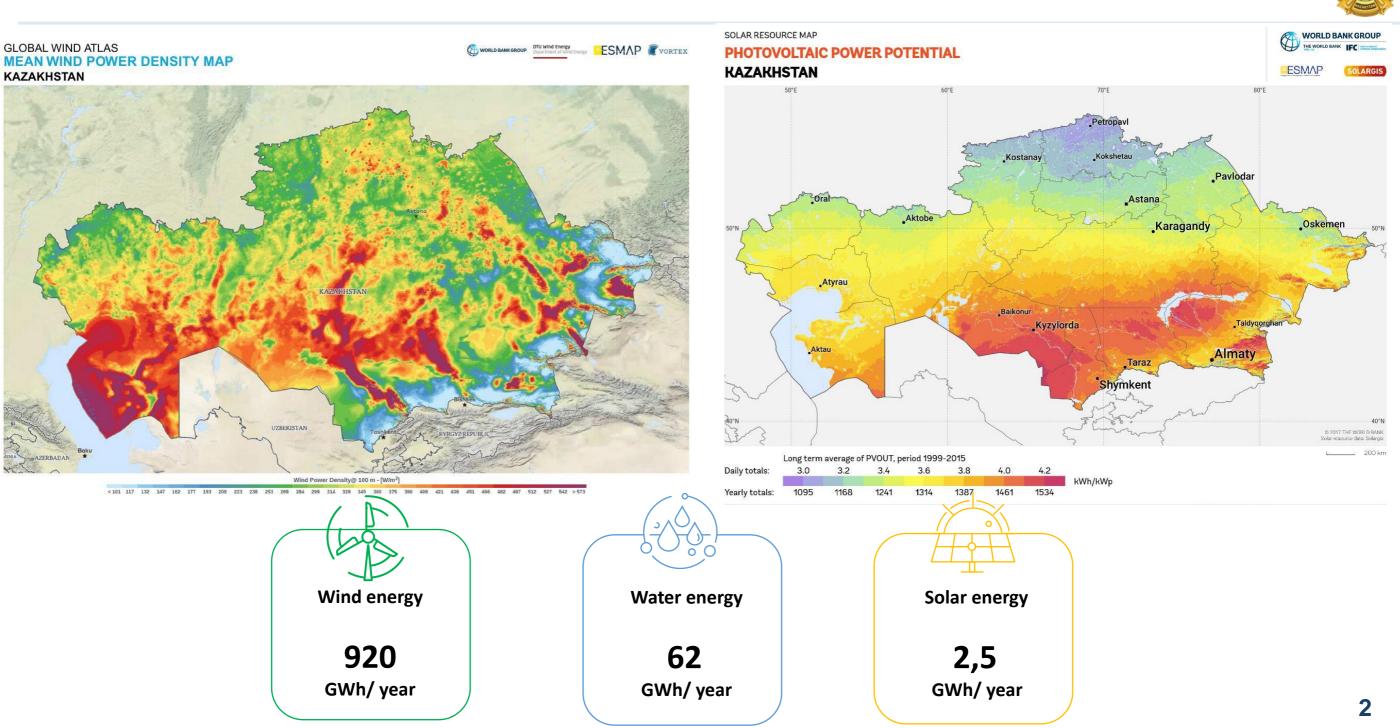
MINISTRY OF ENERGY OF THE REPUBLIC OF KAZAKHSTAN



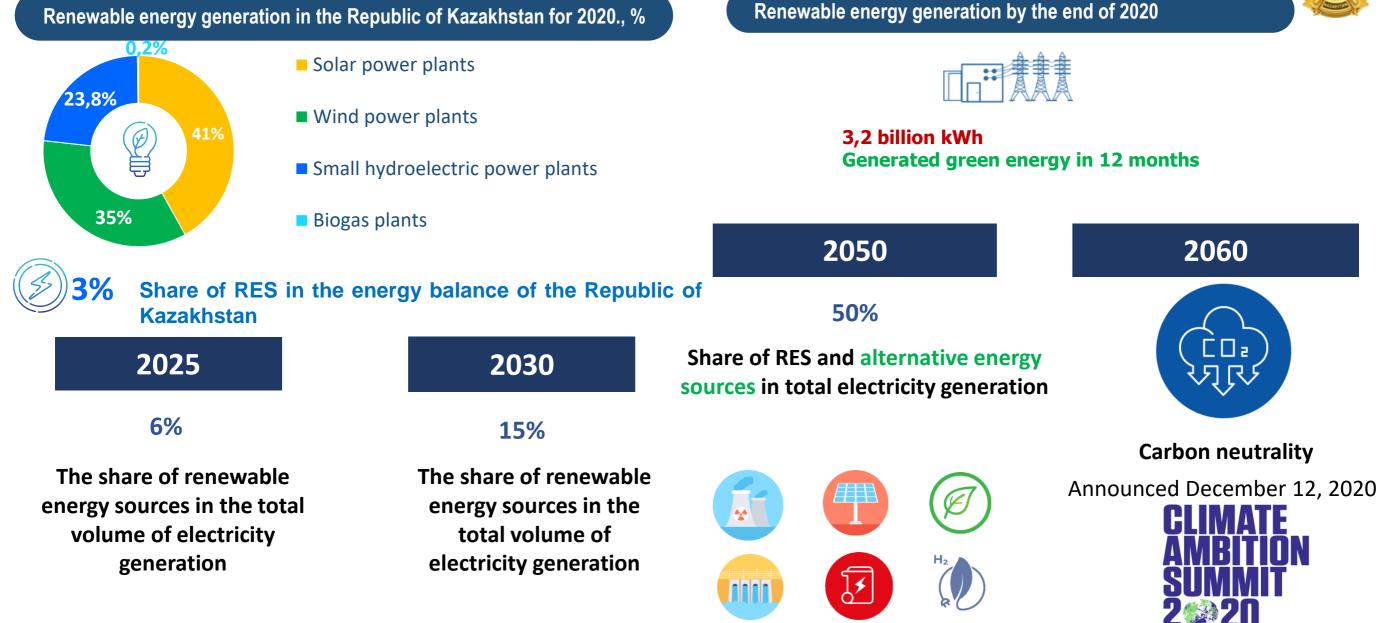
PROSPECTS FOR THE DEVELOPMENT OF THE RENEWABLE ENERGY SECTOR IN THE REPUBLIC OF KAZAKHSTAN

Potential of renewable energy sources in Kazakhstan



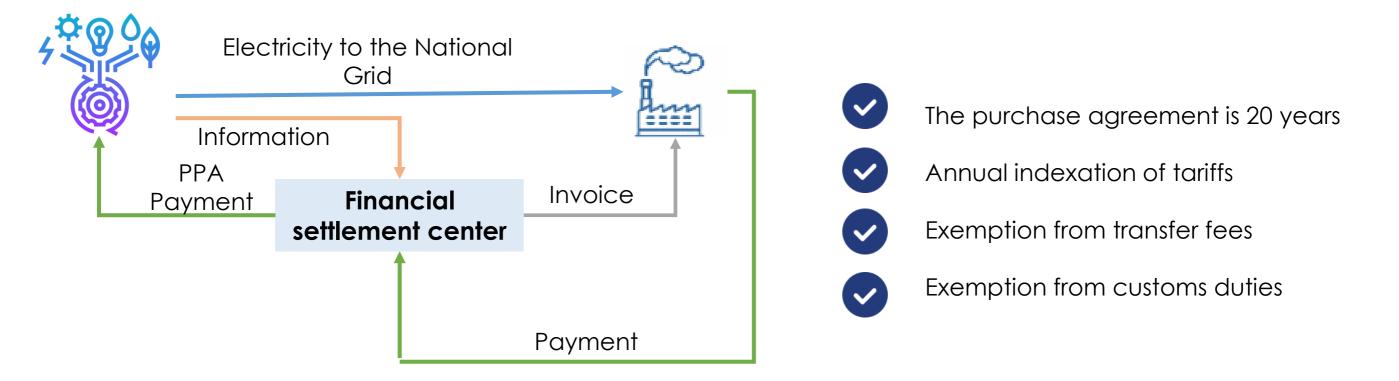
RES target indicators





To achieve the target indicator of 2030, at least 7 GW of new renewable energy capacity with an investment volume of 3 trillion tenge will be introduced within 10 years. In this regard, it will be necessary to improve the mechanism for supporting RES.





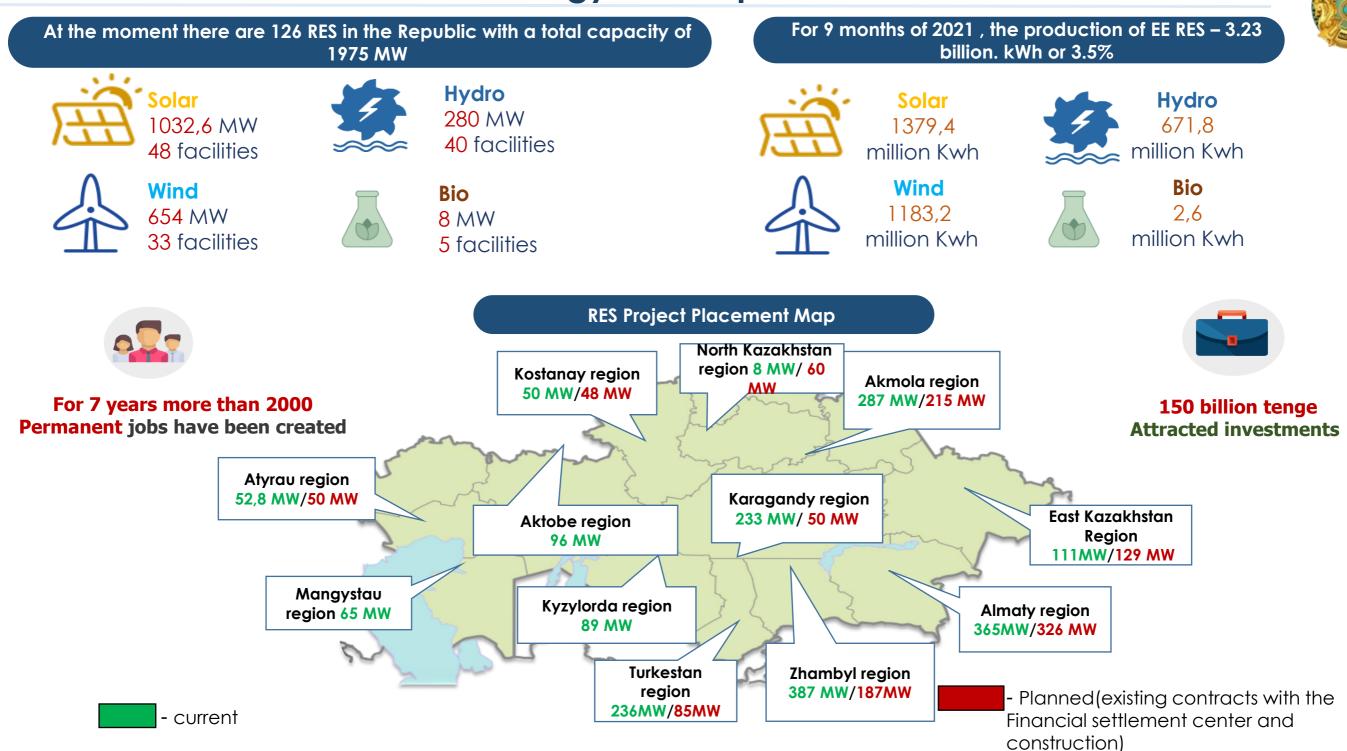
\$3.3 billion until 2035

Obligations of the Financial settlement center under Contracts

139 Contracts with a total capacity of 2,908 MW

Wind – **1 439 MW** Solar – **1 155 MW** Hydro - **298 MW** Bio - **16 MW**

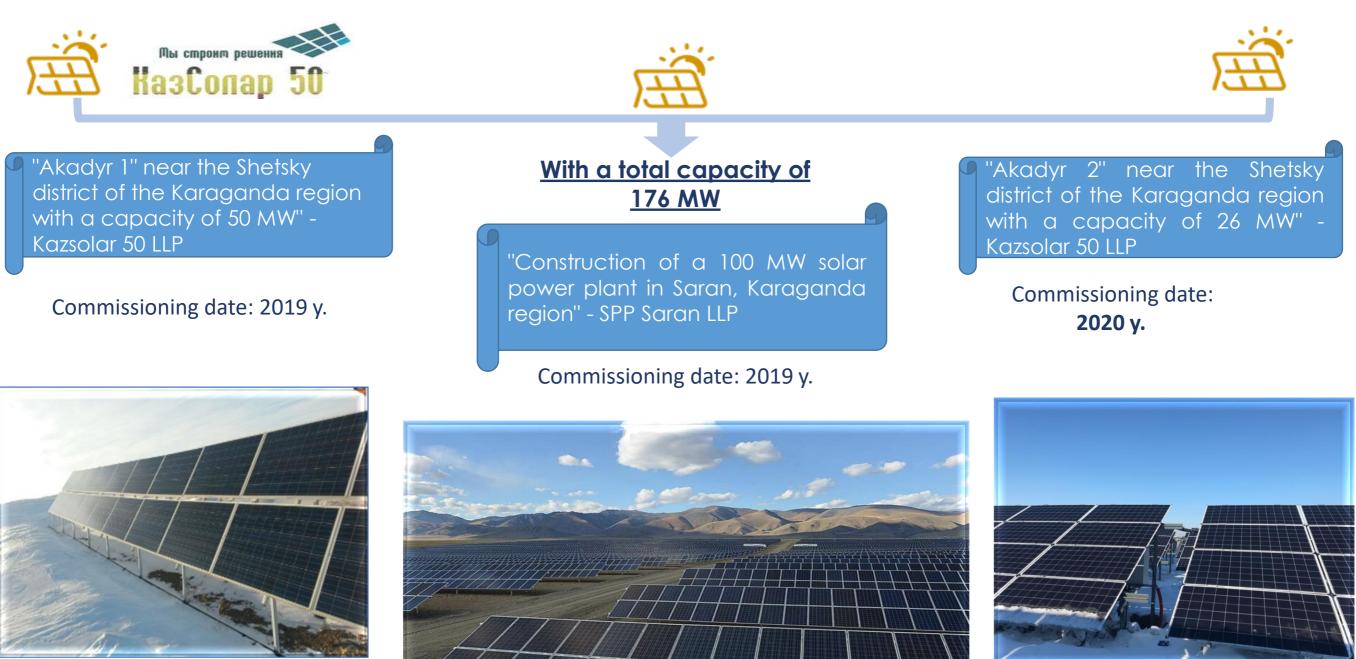
Current status of renewable energy development in Kazakhstan



4

Cooperation with Goldbeck Solar GmbH and Solarnet Investment GmbH in the field of renewable energy





Cooperation with Svevind Energy GmbH for the production of "green" hydrogen in the Mangystau region







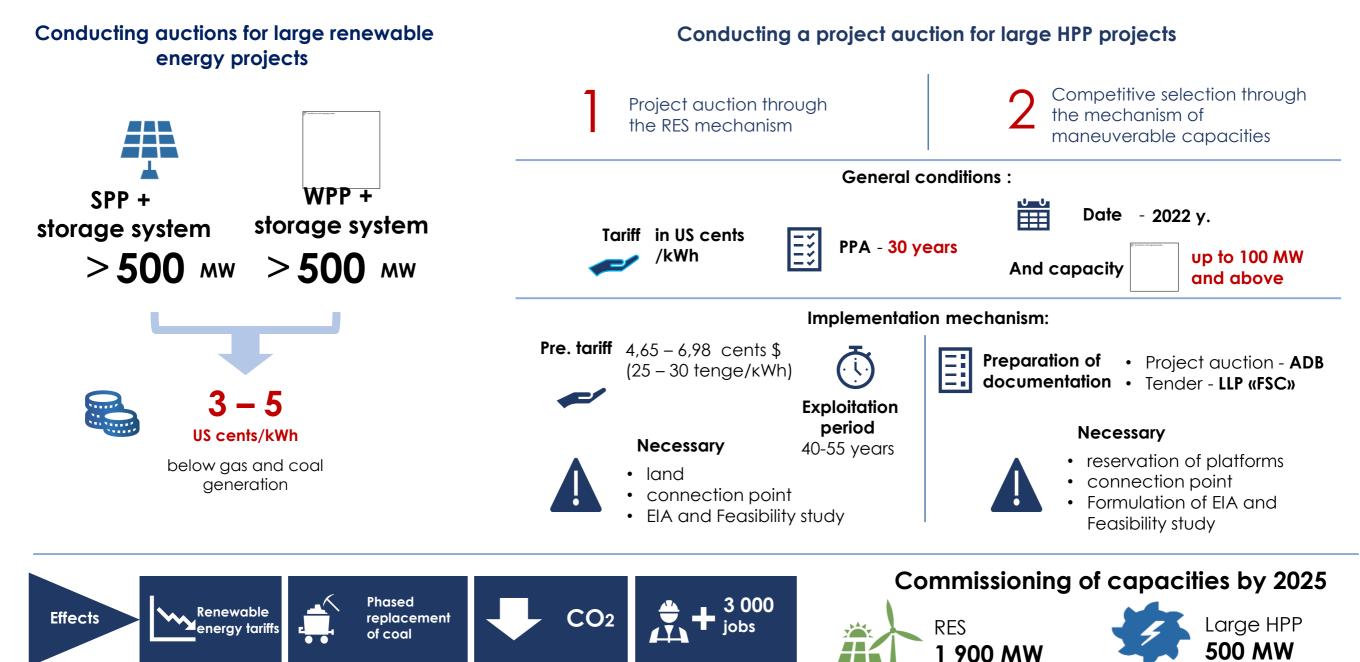
2 Currently, a priority issue for the Project for the production of "green hydrogen" in the territory of the Mangystau region is being resolved, with a view to reserving a significant part of the land plots for the placement of wind farms \ SPP.

æ 3

Earlier, the company sent two requests to the Mayor of the Mangystau region with a request to review the list of land plots determined by the company with the possibility of reserving those for the placement of wind farms and SPP.

Development of the renewable energy sector and large hydroelectric power plants



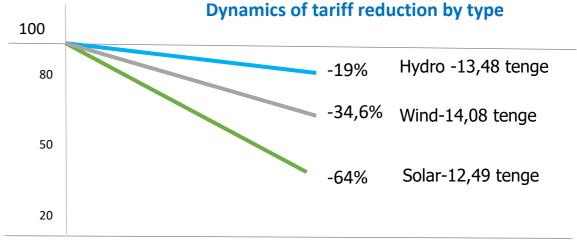


Auctions



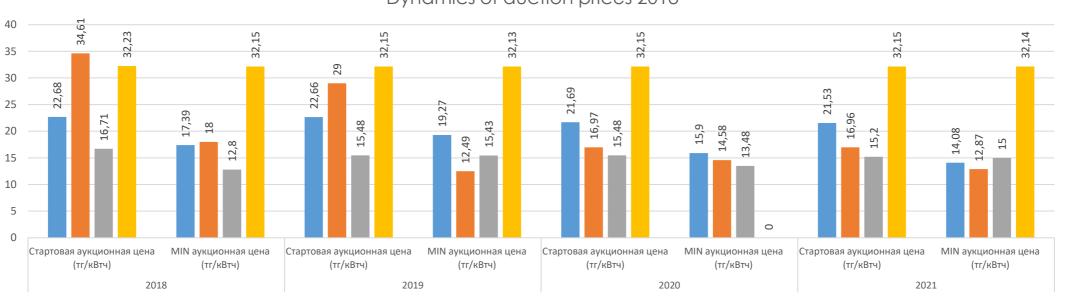
Auction results (2018-2021)

- Auctioned 1705 MW
- 196 companies from 12 countries took part
- 58 companies have signed a contract with the FSC for 15 years (1 218 MBT)



2014

2018-2021



Dynamics of auction prices 2018

■ ВЭС ■ СЭС ■ ГЭС ■ Био ЭС

Thanks for the attention!

Ministry of Energy of the Republic of Kazakhstan, December 2021