

An aerial, grayscale photograph of a city skyline serves as the background. A prominent tower with a spherical top is visible on the right side of the image. The city is densely packed with various buildings and structures.

# AQ GROUP

**3Q**  
YEARS

## 1993-1998 YEARS

The company was registered in June 1993 in **Aktobe** (West Kazakhstan) and began its business with purchase and sale of **consumer goods and the supply of petroleum products** in the domestic market.





## 1999-2003 YEARS

In 1999, set up a Joint Venture with a **German partner S.E.T. Select Energy GmbH** represented by **Mr. Thure von Wahl**, constructed and operated its own network of gasoline refueling stations and terminals in Western Kazakhstan (cities: Aktobe, Atyrau, Aktau and Uralsk).



## 2009-2017 YEARS

Since 2009 the company acquired its own **railway rolling stock** (3 722 rail tanks) and **constructed terminal for petroleum products reception, storage and transshipment** at sea port of Aktau.





## 2004-2017 YEARS

Starting from 2004, the company mainly involved in the processing of **petroleum purchased from Kazakh and Russian petroleum mining companies** and also the export of petroleum products (diesel fuel, gasoline, heating and fuel oil).





## 2016-2019 YEARS

Company bought shares in a public oil company **Tethys Petroleum Limited** that is listed on the **Toronto Stock exchange (Canada)** and was one of the major shareholders.

**Tethys Petroleum Limited** owns 4 oil and gas fields in Kazakhstan, Aktobe region.

During this period, the company was engaged in oil and gas production. The produced gas was exported to China via a gas pipeline, and the oil was processed at the refineries of the Republic of Kazakhstan, and oil products were further exported to world markets.





**Since 2020  
to the present:**

**Electricity production from gas on Gas Piston Stations**  
(Caterpillar generators) for own needs as well as for sale  
to independent users at energy market of the Republic  
of Kazakhstan.





**Since 2020  
to the present:**

**Construction and operating of Data Centers (Mining Farms) in cities Aktobe and Karagandy (Kazakhstan).**





# Mining sites in Kazakhstan **132MW**

**1**

## «Aktope Smart Tech»



Total Capacity : 24 MW

Hashrate : 530 Ph/s

ASIC Model: A1066Pro, A1166 Pro

### Launch date:

1 stage: **6 MW** - August 2020

2 stage: **6 MW (12 MW)** - December 2020

3 stage: **12 MW (24 MW)** - March 2021

**2**

## «West Smart Trading»



Total Capacity : 54 MW

Hashrate: 1390 Ph/s

ASIC Model: A1166 Pro

### Launch date:

1 stage: **12 MW** - April 2021

2 stage: **14 MW** - March 2022

3 stage: **14 MW** - April 2022

4 stage: **14 MW** - June 2022

**3**

## «Techno Kar»



Total Capacity : 54 MW

Hashrate: 1350 Ph/s

ASIC Model: A1246

### Launch date:

**54 MW** - June 2022

## From 2024

AQ Group plans to build wind farms with a capacity of 1,500 MW or more in the Zhetysu region at the **Dzungarian Gate** (on the Kazakhstan-China border).

**The construction is planned in stages:**

**1<sup>st</sup> stage** - from 2024 to 2025 - 300 MW;

**2<sup>nd</sup> stage** - from 2025 to 2026 - 500 MW;

**3<sup>rd</sup> stage** - from 2026 to 2027 - 700 MW.

The total planned capacity is 1,500 MW and the capacity will continue to increase in the future.

**Given the future increase in the capacity of wind power plants to several thousand megawatts, AQ Group is considering the construction of a wind farm manufacturing plant in Kazakhstan.**



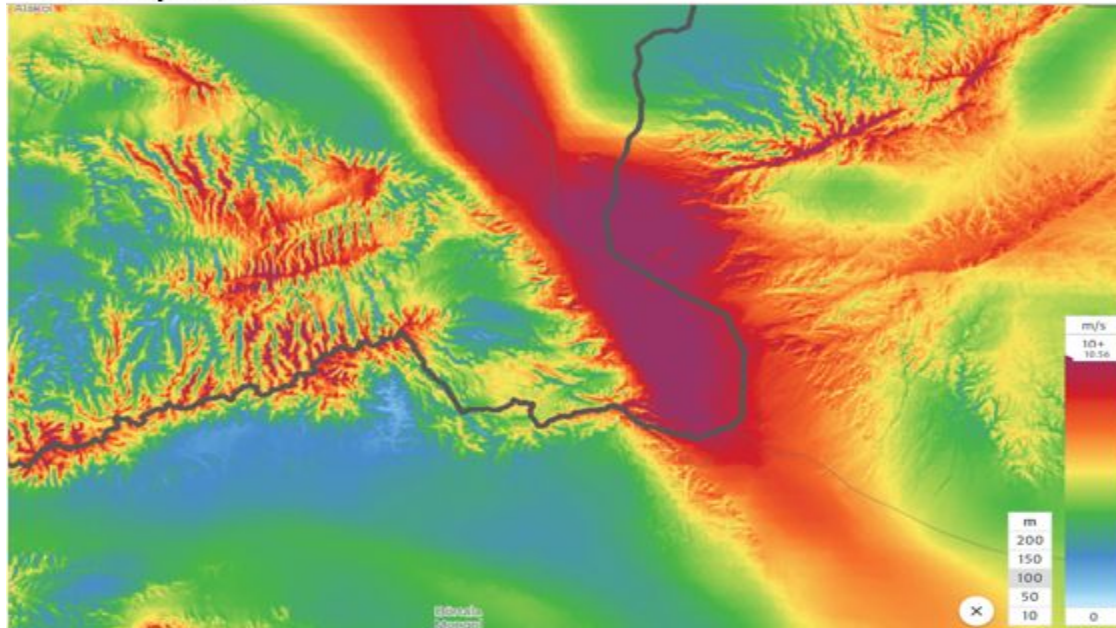


# Wind potential of **Dzungarian Gate**

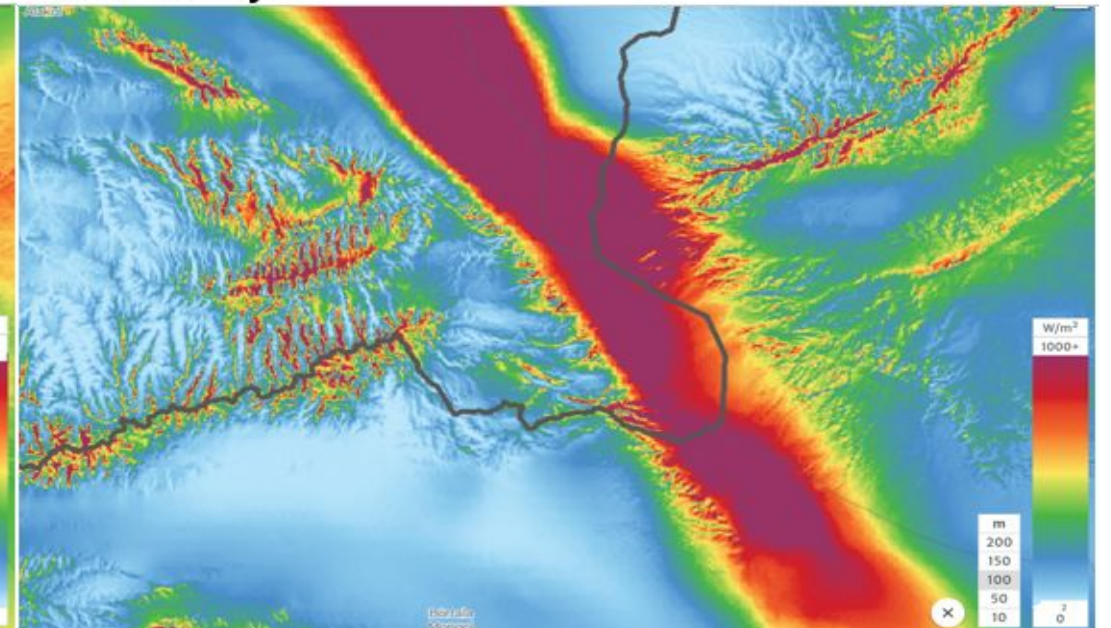
(unique and the only place in the world with such wind potential)

- The Dzungarian Gate energy spot is located in the Almaty and East Kazakhstan regions of the Republic of Kazakhstan near the border with China and has the most powerful wind potential concentrated in one place in the world. The total potential of the Dzungarian Gateway region as a single 7,300 km<sup>2</sup> energy spot is estimated at more than 93 GW with possible annual generation of up to 366 billion kWh.
- According to the results of the study of wind measurements in Dzungarian Gate: average annual wind speed at a height of 88.6 m. - 9.55 m/s(NORTH). - 10.74 m/s(SOUTH)

Wind speed



Wind density





## From 2025

AQ Group plans to build solar power plants with a capacity of up to 500 MW in the southern regions of Kazakhstan.

**The construction is planned in stages:**

**1st stage** - from 2025 to 2026 - 100 MW;

**2nd stage** - from 2026 to 2027 - 150 MW;

**3rd stage** - from 2027 to 2028 - 250 MW.

The total planned capacity is 500 MW.





# From 2024

## Battery Energy System Storage

**AQ Group is searching for competitively priced, high-efficiency industrial batteries for power storage from 50 to 500 MW or more, with power storage and release times of 6 to 12 hours or more.**



**Long-term gravity energy system storage, with capacity to hold energy for 12 hours and more**

The company plans to implement advanced energy storage systems (BESS) technologies to future projects. The company is also considering construction of a battery energy system storage factory with leading energy storage developers on the territory of the Republic of Kazakhstan.



**Traditional lithium-ion (Li-Ion) or lithium iron phosphate batteries (LiFePO<sub>4</sub>)**

## From 2025

AQ Group plans to build centralized and decentralized Data Centers to provide data storage and processing services for global technology companies.





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