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EEF.DEL/29/22
24 May 2022

ENGLISH only

30 EEF, 2nd Preparatory Meeting, Session 2,
Mr. Tabriz Ammayev, Deputy Director, State Agency for Renewable Energy Sources (AREA),
Ministry of Energy, Azerbaijan



MINISTRY OF ENERGY OF
THE REPUBLIC OF AZERBAIJAN

mi nenergy.gov.az

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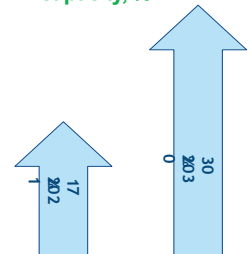
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"Azerbaijan 2030: National Priorities for socio-economic development"

1. A steadily growing, competitive economy
2. A dynamic, inclusive society based on social justice
3. Areas of modern innovations and competitive human capital
4. The Great Return to the liberated territories
5. **A clean environment and country of "green growth"**
 - high quality ecological environment
 - green energy space

Renewable Energy
share in total installed
capacity, %



MINISTRY OF ENERGY OF
THE REPUBLIC OF AZERBAIJAN

- Glasgow Leaders Declaration on Forest and Land Use

COP26 Initiatives:

- Green Grids Initiative- One Sun One World One Grid
- Raising Ambition for Climate Adaptation and Resilience
- Global Ocean Alliance
- The Glasgow Breakthroughs Statement
- Declaration on Zero Emission Vehicles
- Just Transition Internationally
- Global Coal to Clean Power Transition

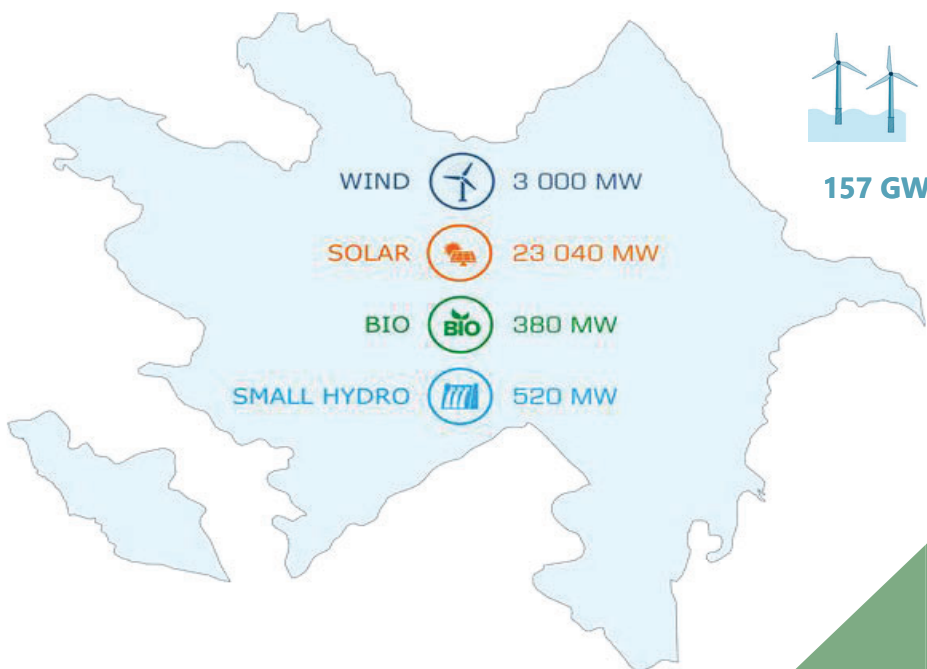


UN CLIMATE CHANGE CONFERENCE UK 2021

IN PARTNERSHIP WITH ITALY



Reduction of greenhouse gas emissions – 40% by 2050, announced at COP26



RENEWABLE ENERGY POTENTIAL

Regulatory and Legal Framework

- **Law of the Republic of Azerbaijan on the usage of renewable energy sources in the production of electricity**
 - Auctions
 - Active Consumer Support Mechanism
 - Renewable energy areas(zones)
 - Guaranteed tariffs
 - Preference in connection
- **The auctions rules**
- **The rules on application of the net metering and calculation scheme**
- **Law on Efficient use of energy resources and energy efficiency**

SIGNING OF THE IMPLEMENTATION AGREEMENTS

"Acwa Power" 09.01.2020
240 MW wind power plant



Acwa Power
أكوا باور

"Masdar" 09.01.2020
230 MW solar power plant



مصدر
Masdar
A MUBADALA COMPANY

"BP" 03.06.2021
240 MW solar power plant



bp




240 MW
wind power plant



230 MW
solar power plant



In total:

- More than 0.5 bln USD foreign investment
- will generate 1,5 billion KWh electricity
- free up to 330 million cubic meters of gas
- prevent 600 thousand tons of carbon (CO2) emissions
- create new jobs and new production and service areas



COOPERATION WITH INTERNATIONAL ORGANISATIONS



European Bank
for Reconstruction and Development

- Support for the Implementation of Renewable Energy Auctions in Azerbaijan
- Support for the implementation of an enabling policy framework for small-scale renewable energy projects in Azerbaijan
- Towards a low-carbon hydrogen economy: demand, supply, regulatory analysis and development of pilot case studies



- Regional Knowledge and Support Technical Assistance Floating Solar Energy Development



- Offshore Wind Roadmap for Azerbaijan



OFFSHORE WIND

Technical potential: 157 GW

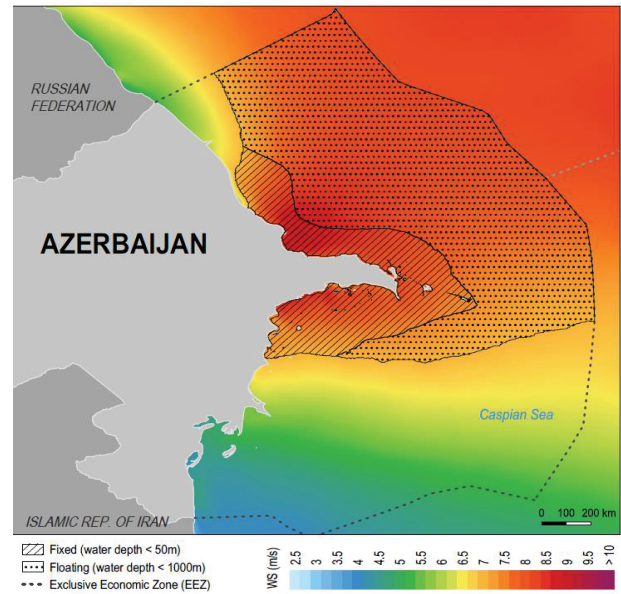
- Shallow water (<50m depth): 35 GW
- Deep water (>50 m depth): 122 GW

Memorandums of Understanding



Ongoing discussion with energy companies

Green Hydrogen



Source: ESMAP, Worldbank



GREEN ENERGY ZONE IN KARABAKH REGION

The region has been determined as **“net zero emission zone”** at COP26

Solar – 7200 MW

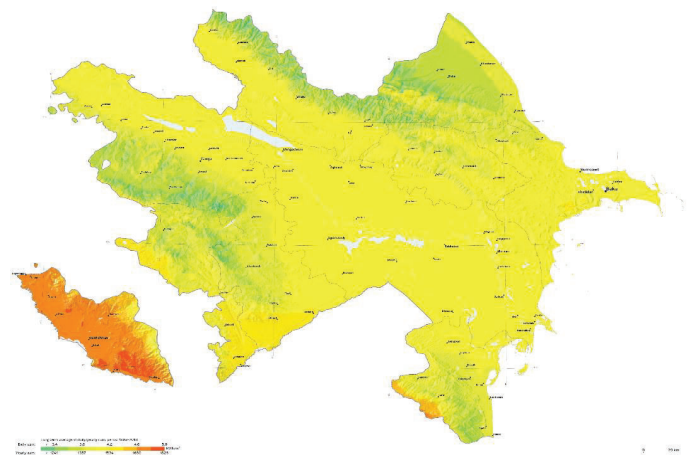
- IA with bp for 240 MW solar power plant

Wind – 2000 MW

Hydro

The main rivers in the area, the Tartar and Hakari rivers and their tributaries, have a high hydropower potential.

- 4 SHPPs with total capacity 20.2 MW



Green Energy Zone components



Energy efficiency



EV



Street lightning (RES)



Solar collectors



Rooftop PV system



Heat Pumps



Waste management

THANK YOU FOR THE ATTENTION!

