



21st Transport Sector Coordinating Committee Meeting

22–23 April 2024 • Almaty, Kazakhstan

21-е заседание Координационного комитета по транспортному сектору

22–23 апреля 2024 года • Алматы, Казахстан



Azerbaijan Railways

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INTERNATIONAL RELATIONS DEPARTMENT



We are connecting people, regions and economies since 1880



Overview

WHO WE ARE?

“Azerbaijan Railways” CJSC is a state-owned company that a provider of transportation services. We offer mobility and logistical services, which include passenger and freight transportation, as well as railway infrastructure services.

OUR VISION

Improve the quality and safety of services by increasing efficiency and corporate governance, ensure sustainable development of the railway business and thereby improve financial performance, and accelerate integration into the international transport system

MISSION

Support the socio-economic development of Azerbaijan by providing high quality services in the field of freight and passenger transportation and ensuring effective management of the railway infrastructure.

GENERAL INFORMATION

Specifications

Track gauge: 1520 mm

Length of main tracks: 2179 km

Double tracks: 38%

Electrified tracks: 53%



Rolling stocks

273



Locomotives



5485



Wagons



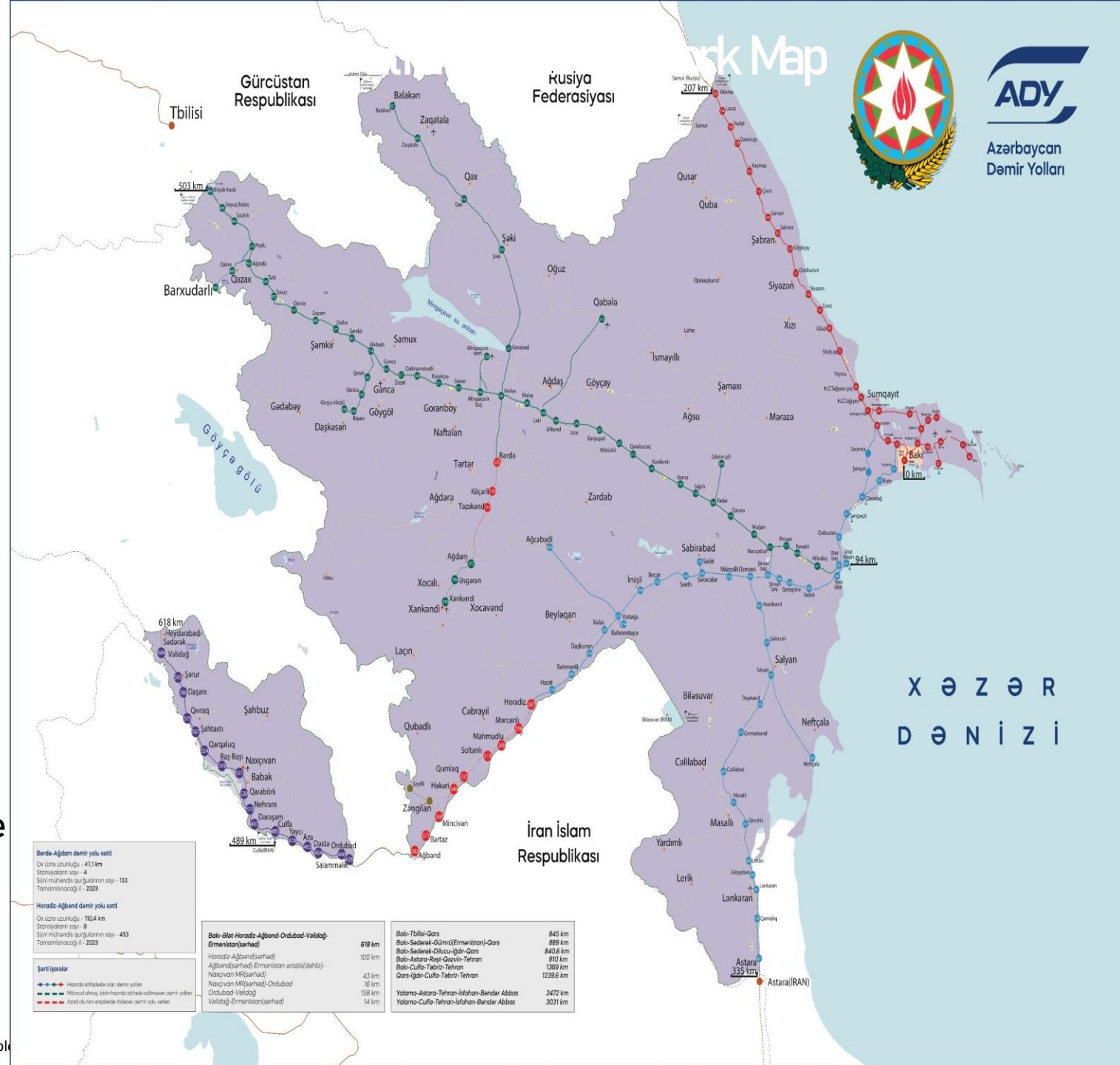
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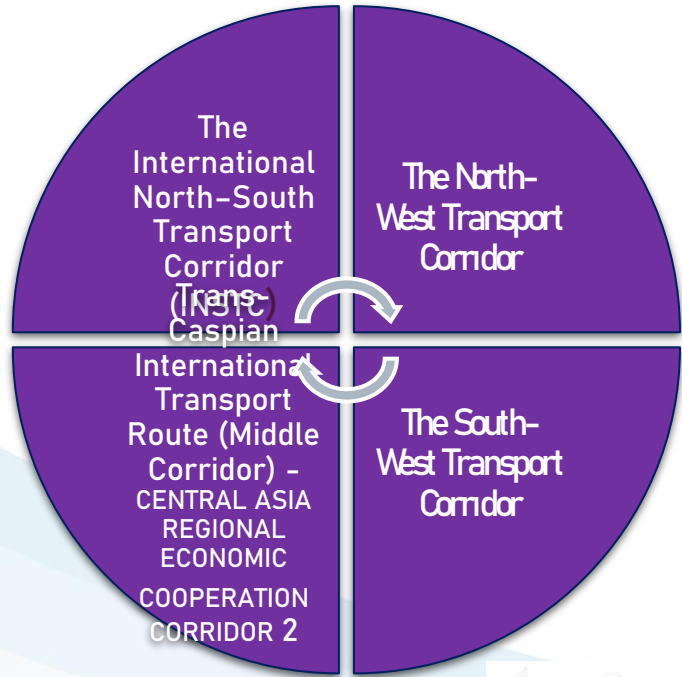
Special rail vehicle



INTERNAL. This information is accessible



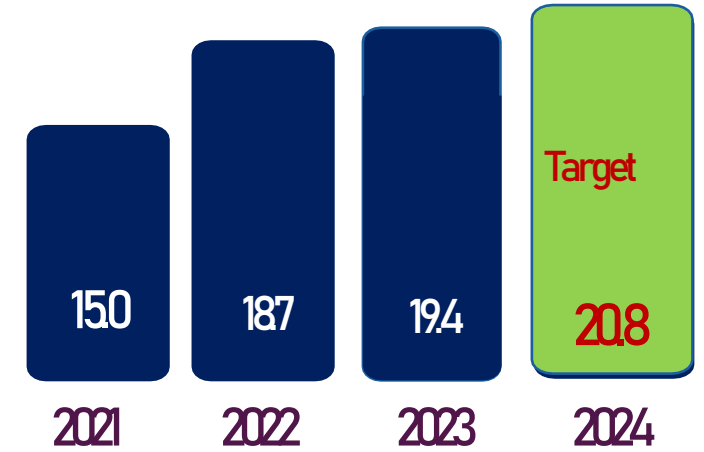
FREIGHT AND PASSENGER TRANSPORTATION



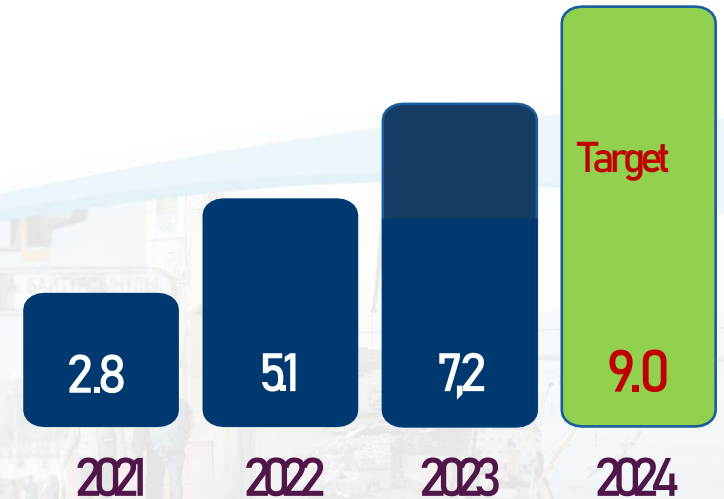
Achievements



FREIGHT TURNOVER (mln/t)

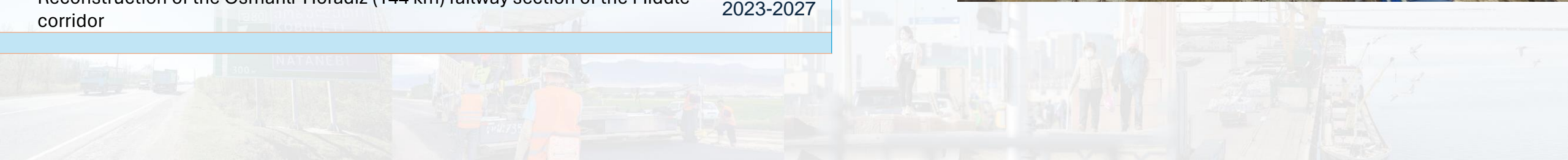


PASSENGER TURNOVER (mln/p)



List of ongoing projects

	Period of performance of the project
Strategic projects	
Construction of Astara cargo terminal	2017-2024
Purchase, overhaul and restoration of mainline/shunting locomotives	2023-2026
Major repair of bridges in an accident condition	2022-2024
Purchase of freight wagons	2022-2024
Digitalization of ADY	2023-2026
Reconstruction of energy and communication-signaling systems on the Baku-Boyuk Kasik railway line	2012-2027
Reconstruction of electricity supply and communication-signaling systems on the Bilajari-Yalama railway line	2018-2027
Reconstruction of the Sumgait-Yalama railway line	2019-2024
Karabakh projects	
Design and construction of Barda-Aghdam (47 km) railway line	2020-2024
Design and construction of Horadiz-Aghband railway line (110 km)	2021-2025
Reconstruction of the Osmanli-Horadiz (144 km) railway section of the Middle corridor	2023-2027



Digitalization project of Azerbaijan Railways

The procedure for purchasing equipment and licenses for server infrastructure, communication equipment, client licenses and equipment and licenses for digital security is being finalized and Project management methodology was organized. The project on all directions of the Digital Strategy has been started and a part of it has been completed.



Expected result of project implementation

Brief Information:

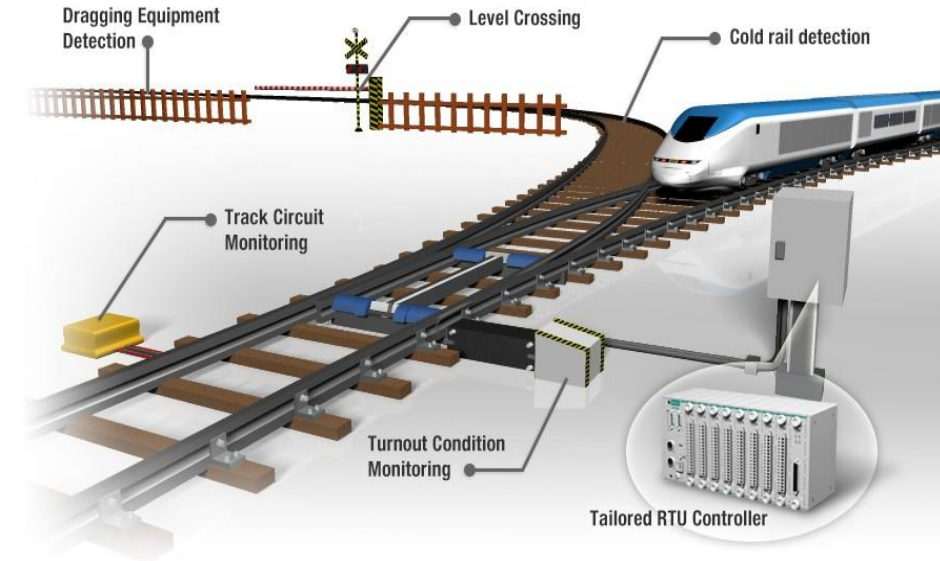
- Automation of transportation management system
- Automation of the asset management system
- Building a customer-oriented cargo and commercial system
- Digitalization of management of CAPEX project
- Automation of corporate functions
- Improving the IT technological base



- Reduce operational risk through legacy systems, legacy infrastructure, and limited cyber defenses.
- Creation of a unified ERP system, ensuring quality reporting
- Optimization of movement, asset management and investment projects through digital transformation measures
- Improving the quality of customer service and optimizing core corporate functions

Design, supply and installation of power supply and communication-signaling systems on the Baku-Boyuk Kasik railway line

- ✓ **Power supply system:** 12 AC traction substations were built, the contact network with a length of 795.78 km was updated.
- ✓ The large part of Boyuk Kesik-Ujar line is operated using alternating current.
- ✓ Physical progress on the initial contract is 98%, and on the entire project - 69%.
- ✓ **Communication-alarm system:** Based on the microprocessor, 21 stations and 20 apartments using alternating current were put into operation. Physical progress on the initial contract is 99%, and on the project as a whole - 49%.



Brief Information (remaining works):

- Power supply system

Complete renewal of the contact network:

by stations - 403.67 km

69.66 km for 4 destinations

Communication-signaling system :

Stations: 12 units

Reconstruction of the signaling system (Hajigabul-Baku) -131 km, Communication system (Hajigabul-Baku) – 131 km,

Reconstruction of the digital radio-communication system (Big Kasik-Baku): 503 km (DMR TIER III) Installation of CCTV,

PIS (Public Information System), PAS (Public Announcement System), FAS (Fire Alarm System), HBD (Hot Box Detection),

CTC (Control Traffic Center) (Boyuk Kesik-Baku)



Expected result of project implementation

The project will increase the volume of freight and passenger transportation, ensure the safe implementation of these transportations, and the full use of the newly purchased alternating current locomotives.



Designing and reconstruction of electrical supply and communication-signaling systems on the Bilajari-Yalama railway line

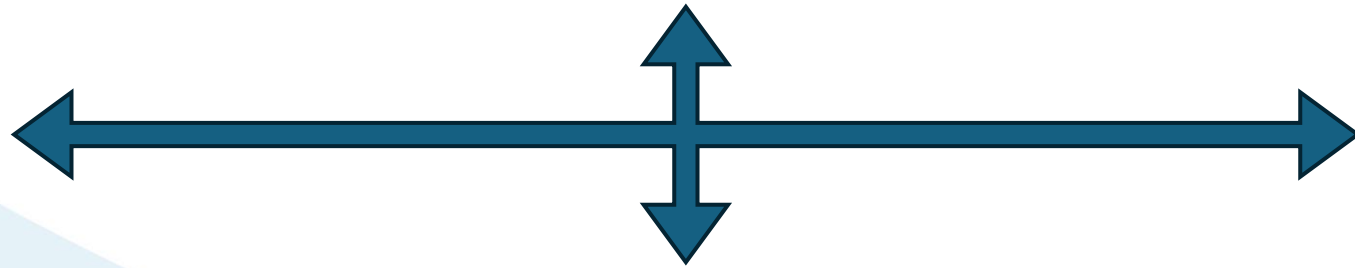
WORK DONE:

Power supply system:

5 alternating current traction substations were built.

A conceptual project has been prepared. A contract was signed with the contractor company that carried out the detailed design works and the works were started.

Communication-signaling system: A conceptual project has been prepared.



Brief Information (remaining works):

Power supply system:

Reconstruction of 488.9 km contact network (alternating current)

Communication-signaling system:

Construction of 15 stations

Reconstruction of 515.7 km signaling system

Reconstruction of the radio communication system



EXPECTED RESULT OF PROJECT IMPLEMENTATION

After the transition of the Baku-Boyuk Kasik railway line and the Russian railways (in the direction of Yalama) to alternating current, it is planned to reconstruct and integrate this line into the mentioned lines. A safe electricity supply system will be created. Newly purchased alternating current locomotives will be fully usable.



The container trains operating the China-Kazakhstan-Azerbaijan route arrived at the Baku Absheron station



The train of 60 containers traveled seven thousand kilometers and took 11 days. According to the agreements, 10 container trains are planned to be sent monthly from Kazakhstan through Azerbaijan. There is also the ability to track cargo in real time. Azerbaijan and Kazakhstan plan to increase freight transportation by rail. Thus, in January-February 2024, the volume of rail freight between states increased by 25% compared to the same period last year. Now cargo from China passing through Kazakhstan and Azerbaijan to the Black Sea ports is delivered in 18 days, previously this journey was 53 days.

Thanks for your attention.

