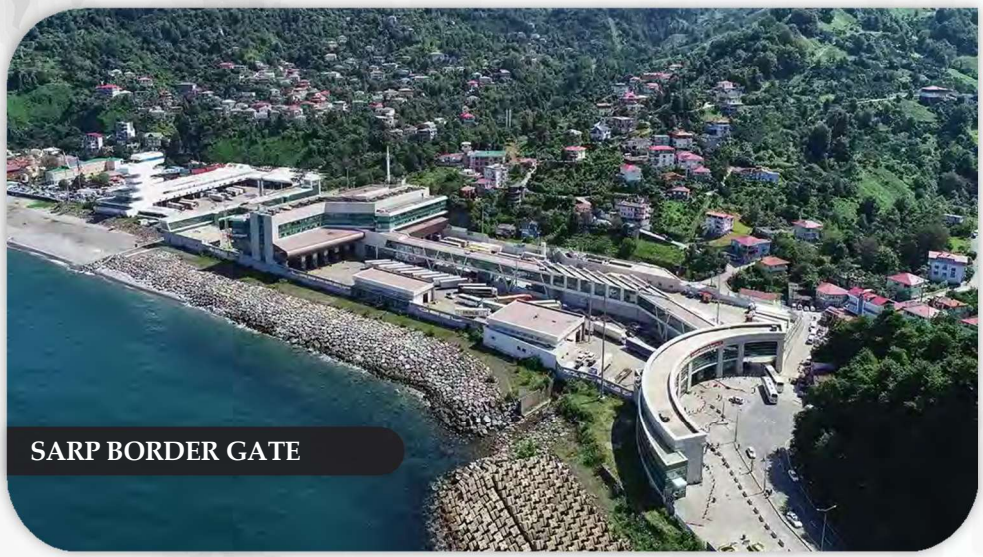

www.bomaco.com.tr
BOMACO
Border Management & Consulting LLP.
Gates to Beyond Borders

GATES TO BEYOND BORDERS

Border Management & Consulting LLP. (BOMACO), established in the United Kingdom in 2023, is a leading company founded by the Islamic Chamber of Commerce and Development (ICCD), the Union of Chambers and Commodity Exchanges of Türkiye (TOBB), and Customs and Tourism Enterprises (GTI). The company specializes in the modernization of border gates, logistics centers, and customs facilities. With exclusive expertise in Build-Operate-Transfer (BOT) and Public-Private Partnership (PPP) models, BOMACO delivers end-to-end solutions—from project design and construction to the professional operation of logistics infrastructure. We develop state-of-the-art projects equipped with advanced technologies, enabling facilities to deliv- er fast, secure, and efficient services in customs and logistics operations. BOMACO possesses the technical know-how and operational excellence to support customs authori- ties in their effective fight against illegal trafficking and smuggling.


SARP BORDER GATE


KAPIKULE BORDER GATE

PARTNERSHIP

ICCD · The Islamic Chamber of Commerce and Development

The Islamic Chamber of Commerce and Development (ICCD) is an international non-governmental organization affiliated to the Organization of Islamic Cooperation (OIC). It is the largest representative of the private sector in 57 Islamic countries via their member federations and chambers of commerce driving investment and entrepreneurship to boost trade among Islamic nations.

TOBB · Union of Chambers & Commodity Exchanges of Türkiye

The Union of Chambers and Commodity Exchanges of Türkiye (TOBB) is the highest legal entity in Turkey representing the Turkish private sector. Estab- lished in 1952, TOBB operates under public law and serves as an umbrella organization with 365 local chambers and commodity exchanges all around the country representing interests of Turkish Private Sector both domestically and internationally.

GTI · Customs and Tourism Enterprises

GTI, a key subsidiary of TOBB, specializes in the development and operation of border gates, customs facilities, and logistics centers under the Build-Operate-Transfer (BOT) model. With nearly two decades of experi- ence, GTI has successfully completed the modernization of 12 border gates and 2 customs facilities, and continues to operate all of these sites with high standards of efficiency and service.

BUILD 01.

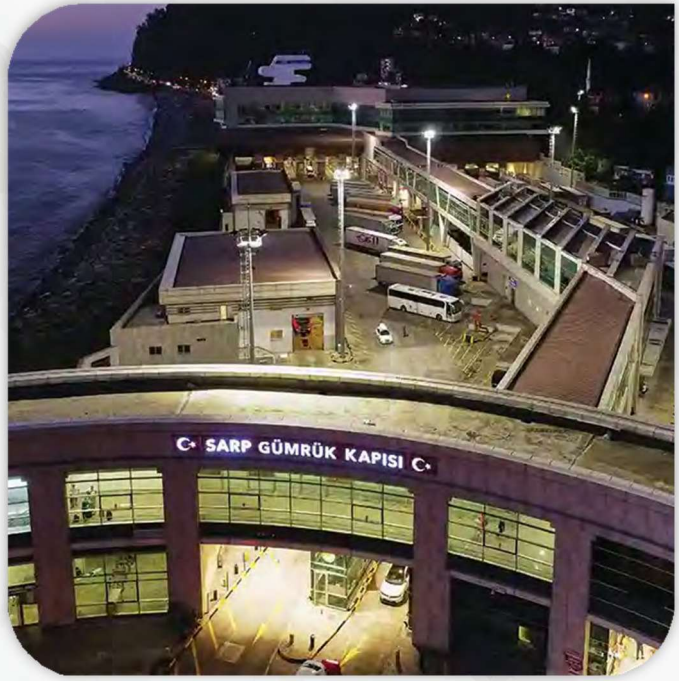
It encompasses project preparation based on a needs analysis conducted in line with the requirements of the customs authority and financial feasibility, followed by the signing of the Build-Operate-Transfer (BOT) contract and the construction of the facility.

OPERATE 02.

It carries out activities such as maintenance and repair of the completed facility, operation of technical infrastructure (cleaning, heating, electricity, etc.) and management of commercial areas.

TRANSFER 03.

At the end of the contract period, the constructed facilities are transferred to the relevant public institutions without any charge and put into public service.











BENEFITS OF THE PROCESS

01. Enhancing the Passenger Experience

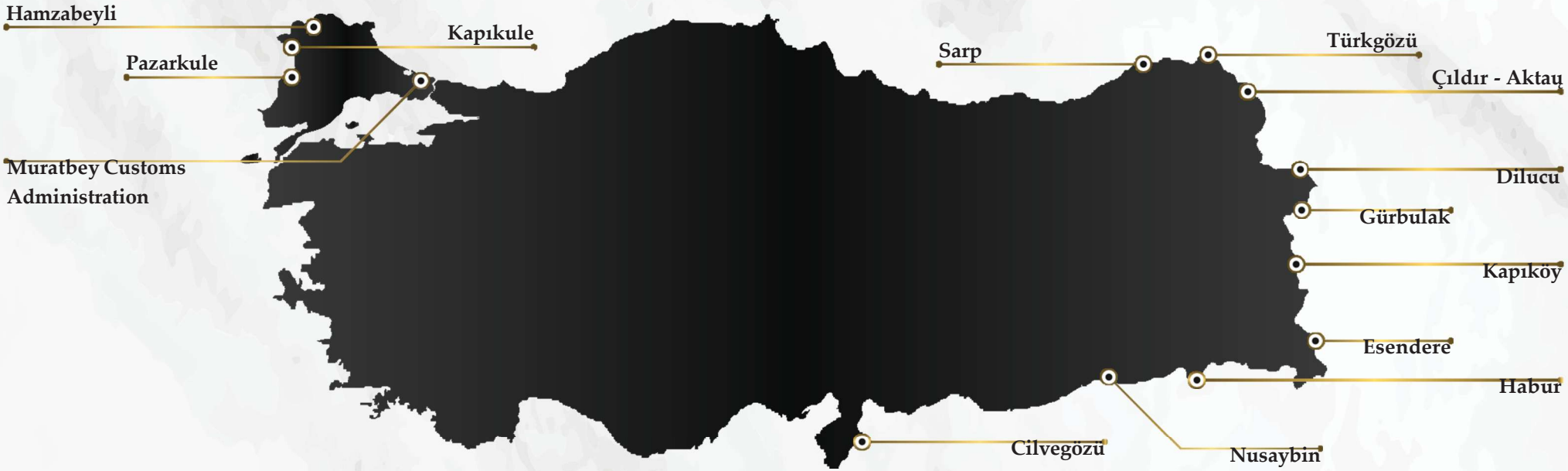
Providing a secure, modern, and high-standard airport environment that enhances the travel experience during border entry and exit processes.

02. Trade Facilitation

National and international trade flows are accelerated by providing fast and effective solutions to shorten border crossing times and reduce queues.

03. Effective Struggle with Illegal Traffic and Smuggling

With advanced technological infrastructure, government authorities are able to effectively combat illegal trafficking and smuggling, thereby enhancing border security.



KAPIKULE BORDER GATE

Recognized as the second busiest border gate in the world and the most significant logistics bridge connecting Europe and Asia standing at the crossroads of global trade. With thousands of vehicles crossing daily, it plays a vital role in international transportation and serves as the backbone of our logistics operations.

FIELD OF AREA

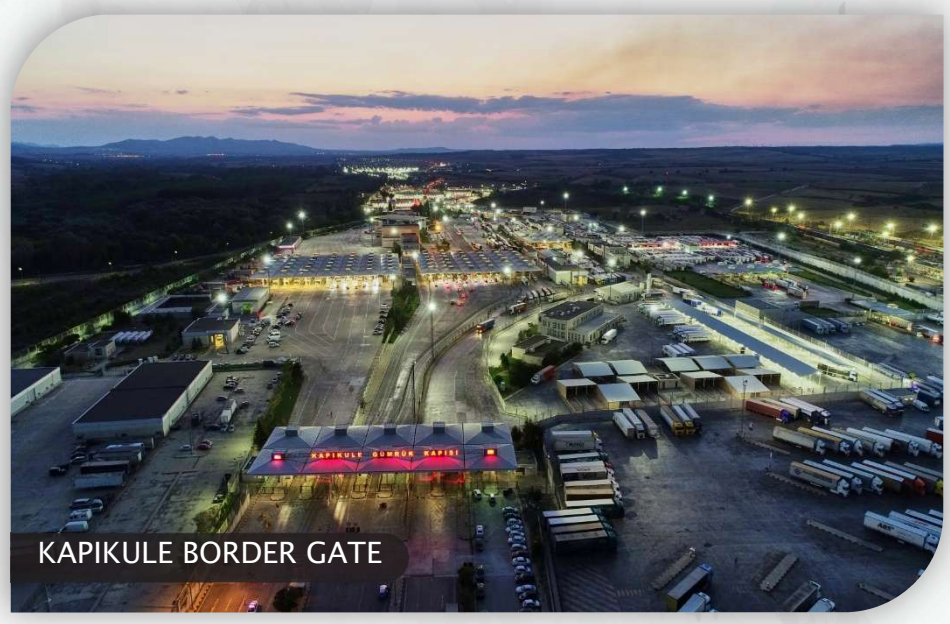
550.000 m²

PASSENGERS PER YEAR

~ 8.000.000

TRUCKS PER YEAR

~ 1.000.000



KAPIKULE BORDER GATE


KAPIKULE BORDER GATE

HABUR BORDER GATE

Located on the Turkey-Iraq border, one of the most strategically important crossings for both regional and global trade. Serving as a vital corridor between Europe and the Middle East, it acts as a key bridge in international commerce, facilitating the seamless flow of goods across continents.

FIELD OF AREA

340.000 m²

PASSENGERS PER YEAR

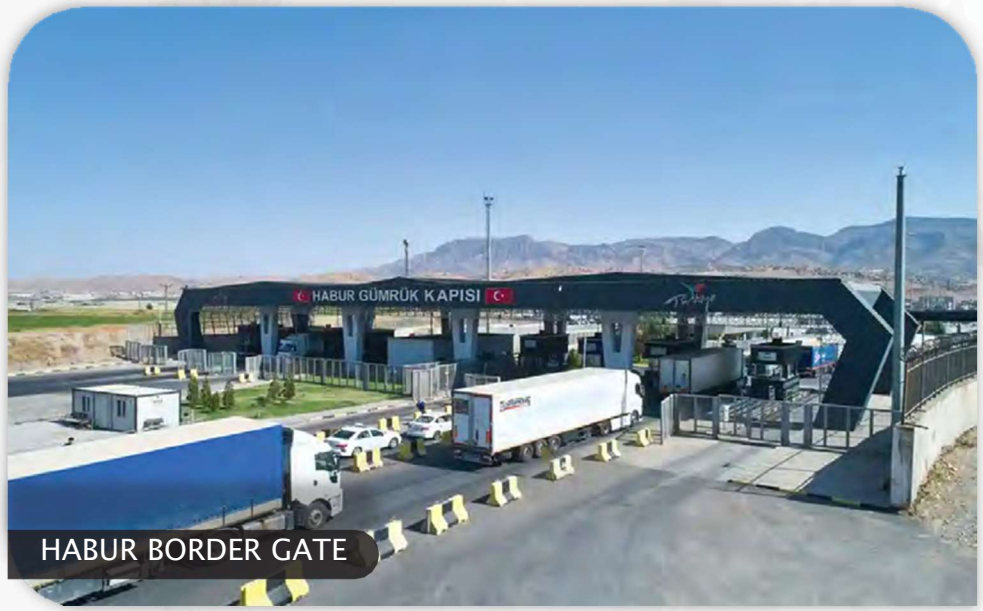
~ 4.000.000

TRUCKS PER YEAR

~ 1.200.000



HABUR BORDER GATE



HABUR BORDER GATE

MURATBEY CUSTOMS ADMINISTRATION

As the busiest Customs Administration in Turkey, this facility plays a pivotal role in international trade and functions as a major logistics center. Handling nearly 40 billion USD worth of Turkey's foreign trade annually, it stands as a cornerstone of the country's economic infrastructure.

FIELD OF AREA

220.000 m²

WAREHOUSE CAPACITY

35.000 m²

TRUCKS CAPACITY

1.500





ERENKOY CUSTOMS ADMINISTRATION

FIELD OF AREA

600.000 m²

WAREHOUSE AREA

35.000 m²

TRUCK CAPACITY

2050





GURBULAK BORDER GATE PROJECT

FIELD OF AREA
320.000 m²

TOTAL CLOSED AREA
47.708 m²

YEARLY TRUCK
233.688

YEARLY PASSENGER
~ 1.200.000







PAZARKULE BORDER GATE



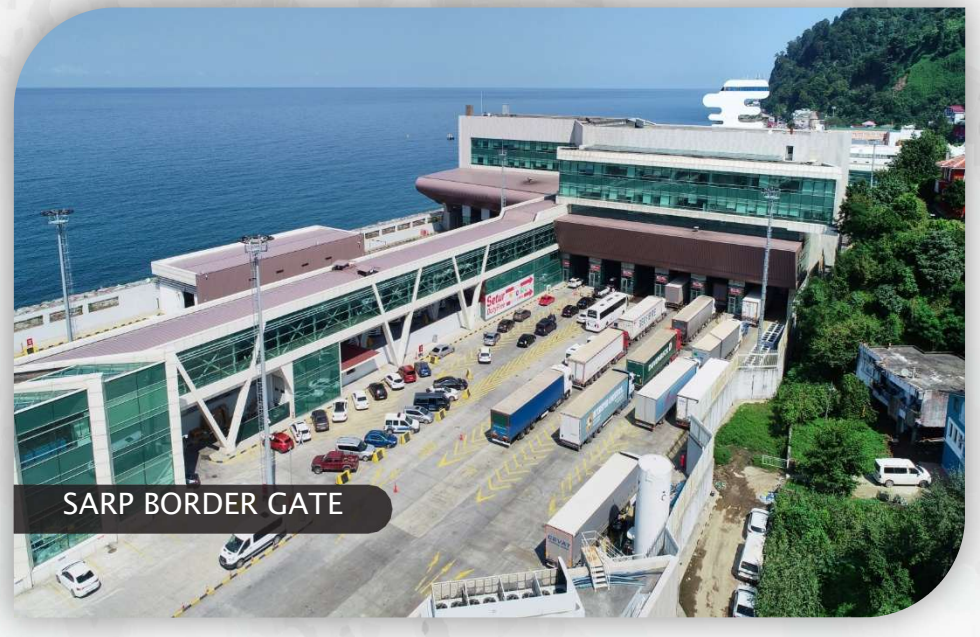
HAMZABEYLI BORDER GATE



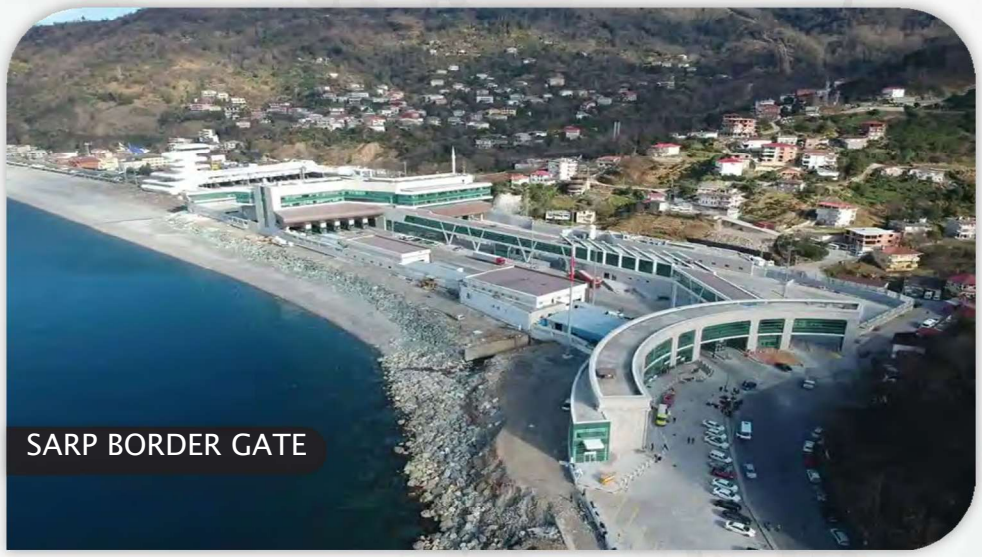
PAZARKULE BORDER GATE

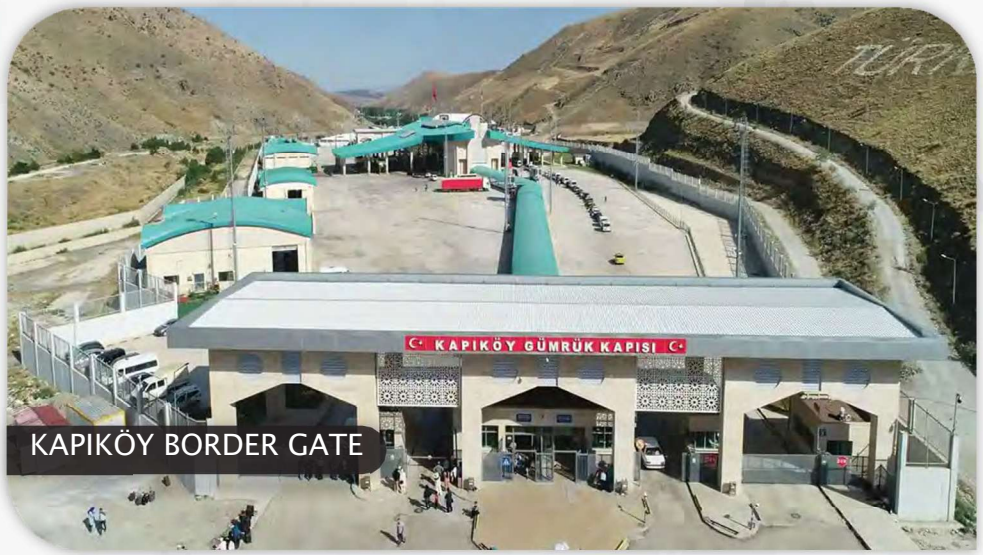


HAMZABEYLI BORDER GATE


SARP BORDER GATE


KAPIKÖY BORDER GATE


SARP BORDER GATE



KAPIKÖY BORDER GATE

TECHNOLOGICAL INTEGRATIONS

X-Ray Systems

To support effective anti-smuggling efforts, X-ray scanning systems are deployed to detect items such as drugs, explosives, and firearms in cargo, baggage, vehicles, and containers. These systems enable non-intrusive inspection of passenger belongings and vehicles—such as cars, buses, and trucks—using high-resolution X-ray imaging. Advanced image processing allows trained operators to analyze scanned images, distinguishing between organic and inorganic materials. This facilitates the detection of concealed items such as gold, historical artifacts, drugs, weapons. In cases of suspicious findings, targeted physical inspections can then be carried out more efficiently.

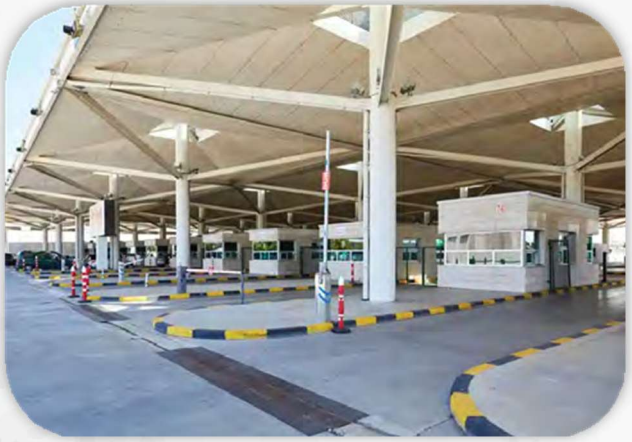
License Plate Reading System

License Plate Recognition Systems automatically capture and convert vehicle plates entering and exiting customs areas into digital data, minimizing manual entry errors. The system identifies high-risk vehicles and triggers security alerts when necessary. Plate information is instantly transmitted to border gate software, enabling real-time tracking of vehicles on site. With the integration of POS software, unauthorized vehicle access can be detected, and potential illegal activities within the area can be prevented. This advanced technology significantly enhances border security and strengthens efforts against smuggling and unlawful activities at land border crossings.

Truck Park Queue System

The Truck Park Queue System is an advanced management solution that uses artificial intelligence to direct vehicles to the customs area based on various factors such as cargo type, customs area congestion, and driver requests. This system helps prevent long vehicle queues by organizing trucks in a fair and efficient manner according to the priority of their loads. While waiting for their turn, drivers benefit from modern truck parks equipped with a range of amenities, including libraries, shower facilities, rest areas, and office spaces with internet access.







Network Systems

The computer infrastructure, IP telephone systems, and network devices used in customs areas are configured in line with the latest technological developments. These systems ensure secure communi- cation between local sites and the central network, enable reliable data transmission, and provide protection against cyber threats.

Radiation Monitoring Systems (RMS)

Radiation Monitoring Systems (RMS), installed by the Turkish Energy, Nuclear and Mineral Research Agency, are used to detect radioactive materials entering the country and ensure appropriate safety measures are taken. The collected data is continuously monitored by the relevant authorities.

Under Vehicle Surveillance System (UVSS)

The Under Vehicle Surveillance System (UVSS) is a high-quality camera system designed to detect hidden threats or smuggling activities by scanning the underside of vehicles. It automatically captures, analyzes, and compares images, allowing security personnel to monitor potential risks more efficiently and safely.

Energy Efficiency

Energy consumption data is monitored and analyzed across all facilities. Based on these analyses, regu- lar energy audits are conducted to identify opportunities for energy savings. The audits help pinpoint areas of high and unnecessary energy use, ensuring more efficient consumption at those points. These analyses are documented and certified by relevant public institutions and organizations.









Weighing Systems

Vehicle weights are accurately measured using weighbridges, and the data is instantly shared with the Customs Authority via web services. The system prevents security breaches and supports anti-smuggling efforts. Weighing records, including license plate, date, and weight, are securely logged and transmitted to a central database in real time. An advanced algorithm prevents duplication of printed tickets, ensuring data integrity. In addition, historical weighing data can be retrieved and analyzed to identify patterns or irregularities over time, enhancing risk assessment capabilities.

Closed Circuit Camera Systems (CCTV)

Customs areas are monitored 24/7 via closed-circuit camera systems (CCTV), with live footage accessible by both local and central units of the Ministry of Trade. All record- ings are stored for required period of time to ensure traceability in the event of security breaches. Camera placements and angles are planned in coordination with the Ministry to eliminate blind spots. Both fixed and remotely controlled cameras allow for detailed surveillance of critical areas, significantly enhancing operational security across customs zones.

Utilization of Renewable Energy Sources

Feasibility studies are being conducted, particularly for electricity generation from solar energy. By using solar energy, both carbon footprints are reduced to combat climate change, and savings on energy bills contribute to the company's profitability and the national economy. In these studies, solar radiation values are analyzed based on the solar map, and for facilities located in high-radiation areas, energy needs can be met by installing solar panels on rooftops or evaluating the installation costs of solar power plants (SPPs).

Maintenance and Repair Activities

To ensure the efficient and reliable operation of all systems, devices, and equipment, regular maintenance and repairs are carried out. The company uses an Enterprise Resource Planning (ERP) system to create lists of systems, devices, and equipment, which are then matched with maintenance and repair contracts. This allows for the moni- toring and control of all maintenance processes. For urgent interventions and daily repairs, technical staff are available 24/7 at the facilities. For more detailed maintenance, external service providers are contracted, and agreements are made with specialized firms for specific tasks.

Power Systems

To prevent service disruptions and security vulnerabilities at border crossings, which often experience frequent electrical fluctuations and outages, robust generators and uninterruptible power supplies (UPS) ensure continuous 24/7 support for all systems. These intelligent backup solutions immediately activate upon power loss or fluctuation, preventing any interruption in critical operations. As a result, scanning, data transfer, and security monitoring remain reliable at all times, safeguarding both commerce and public safety.

Increased Comfort and Wealth

To ensure comfort of all transitioning passengers, our gates are equipped with social areas such as food courts, commercial areas such as clothing, cosmetics, and souvenirs, duty-free shops, fuel stations, and insurance agencies which cater to all needs. Passenger lounges with comfortable seating and charging stations provide a relaxing environ- ment during waiting times. Multilingual information displays and guidance services are also available to assist international travelers throughout their journey. Additionally, enhanced hygiene facilities and regular cleaning protocols ensure a safe and sanitary environment for all visitors.



BECOMING A ROLE MODEL

Our projects have been recognized as best practices in the "Handbook of Best Practices in Border Crossings", jointly published by the OECD and the United Nations. This international acknowledgment underscores our commitment to excellence in border management, trade facilitation, and innovative logistics solutions.