CUSTOMS GENERAL ADMINISTRATION OF MONGOLIA: DIGITAL CUSTOMS

14 August 2024, Ulaanbaatar

ЗАСГИЙН ГАЗРЫН
ХЭРЭГЖҮҮЛЭГЧ АГЕНТЛАГ
**ГААЛИЙН
ЕРӨНХИЙ ГАЗАР**

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1 Brief Introduction of Customs IT system ➡

2 The near future in digitalizing MCGA ➡

3 Usage of e-customs in dry port operations ➡

Furthermore...

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- Government implementing agency under the Ministry of Finance

- 2,466 employees

- Assessment and collection of Customs duties and VAT

- Administration and enforcement of Customs legislation

- Overall control on imports and exports: Total trade turnover for the year 2023: USD 24.4 bill. USD.
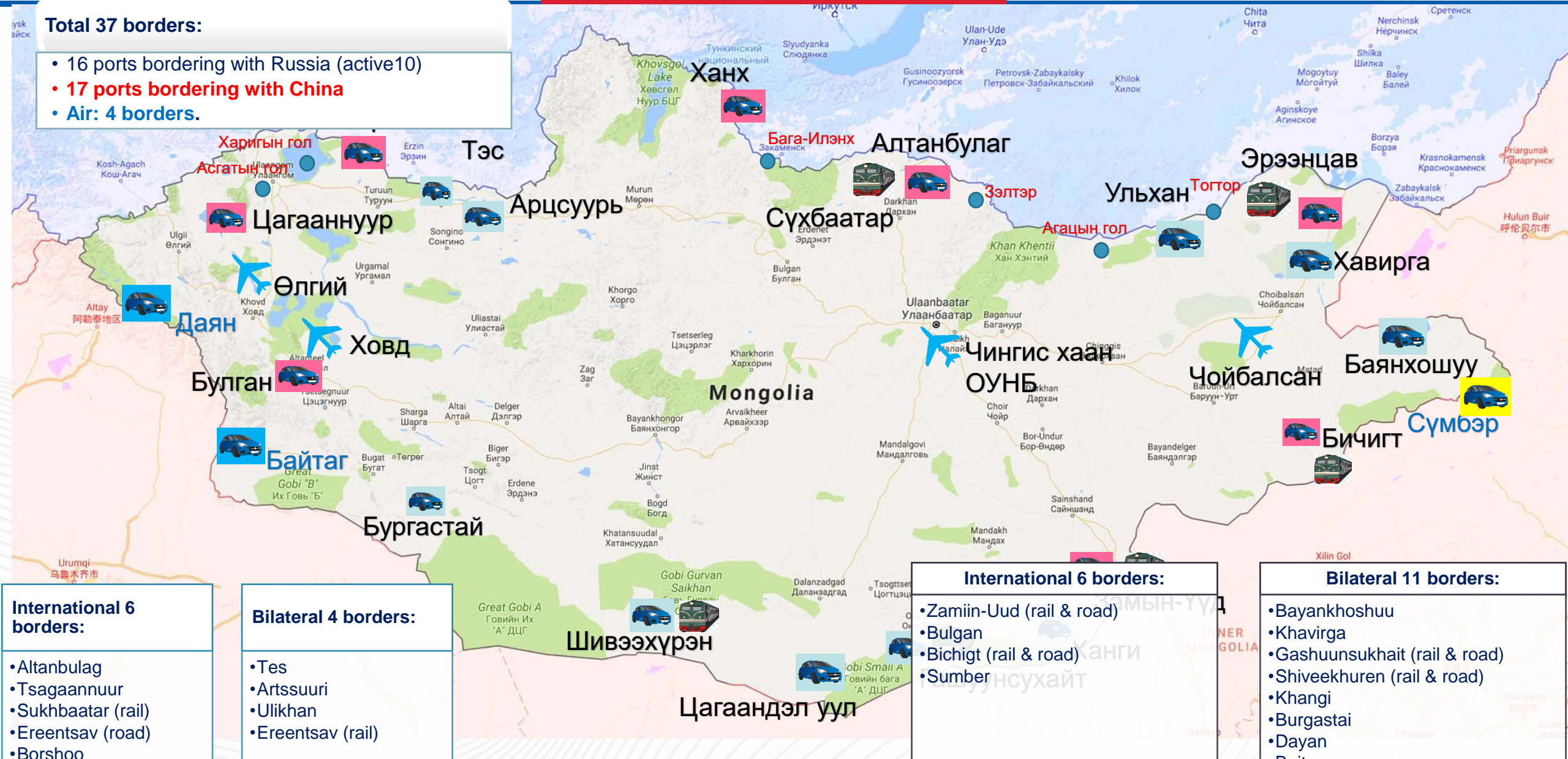
- Trading partners 161 countries in 2023

- Compilation of foreign trade statistics

1992 ASYCUDA → **2001** GAMAS → **2010**
- CAIS
- CEPS
- RM

→ **2021**
- CAIS 2.0
CEPS 2.0
GAALI.MN
- CIMS

→ **2024 ~** SEW →

Between 1992-2001 Mongolia adopted internationally accepted system ASYCUDA (Automated System for Customs Data) developed by United Nations Conference on Trade and Development (UNCTAD);

From 2001-2010 Mongolian Customs General Administration (MCGA) introduced GAMAS;

Customs automated systems called Customs Automated Information System (CAIS) since 2010;.

"CAIS, CEPS" upgrade project between 2019 and 2024.

Customs clearance procedures are fully automated and the following modules are related to the SEW:

2010 - 2014
- Web based on centralized data base;
- Risk management module;
- WCO Data model 2.0v.

2014 - 2016
- E-Payment System;
- Paperless clearance module (Export);

2017 - 2019
- E-notification and E-statement;
- Integrated merchandise registration system;
- Trade contract registration system (National Taxation Agency);
- License, permission and Certificate System (Ministry of Finance).

2020-2024
- Smart Gate;
- Customs Laboratory Information Management System;
- Electronic signature system;
- Attach customs clearance supporting document electronically;
- **The Integrated customs clearance center;**
- Self declaration;
- WCO Data model 3.7v;

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CAIS	Customs Automated Information System
CERP	Customs ERP (Plan, Performance report, Human resource etc.)
CEPS	Customs External Portal System (Customs Broker, Freight Forwarder, Carrier etc.)
GAALI.MN	Customs E-Service (Self declaration system, E-Payment, E-notification etc.)
E-Payment	E-Payment system(Customs duty and other taxes)
APQS	Animal Plant Quarantine System (Import and Export License)
CUSS	Customs Statistics System (Dashboard, reports)

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CROSS-BORDER, INTERNATIONAL	Exchange declaration data and X-ray photo with Russian Federal Customs (IBM MQ)
	Exchange manifest data with China customs(IBM MQ)
	TIR EPD information with the International Road Union(on going)
GOVERNMENT AGENCY (G2G)	e-license and e-permission with the Ministry of Health;
	Vehicle clearance information with the Ministry of Roads and Transportation;
	Passenger's cargo information with the Communications Information Technology agency;
	Foreign Trade Statistical data with the General Statistics Department;
	Customs clearance information with the General Taxation Authority;
OTHERS (G2B, B2G)	Cargo weight information with Custom's Terminal owner
HEALTH INFORMATION EXCHANGE	Customs tax and other duties information with the financial institutions.
	Expertise Act with the Mongolian National Chamber of Commerce.

GOVERMENT BUDGET (2019-2022):

- Rapid control center building and telemonitoring system
- Customs center and branch laboratories as well as their equipment
- Smart gate, X-Ray equipment
- Fiber-optic cable

ADB LOAN (2017-2022):

- Upgrading facilities and equipment at Altanbulag, Sukhbaatar, Bichigt and Borshoo border
- Innovation information and technology
- Foreign trade single window project

China contributes non-refundable aid to Mongolia (2019-2022):

- Upgrading facilities and equipment at Zamiin-Uud, Gashuun Sukhait borders

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"CUSTOMS MODERNIZATION" project implemented by the Government of Mongolia in 2019

1

Customs Laboratory Update:

- Increase the capacity of the customs laboratory and upgrade the technical equipment

- Apply for international accreditation

- Reform of regulations related to taking samples for laboratory analysis

2

Modernization of customs inspection equipment:

- Modern X-ray equipment

- Improve an inspection infrastructure

3

Implement monitoring center (targeting):

- Integrating a telecontrol center into the customs inspection procedure.

- Integrate the telecontrol system with international standards, including all customs inspection locations.

4

Implement smart gate:

- Border crossing goods and vehicles are automatically transferring information to the system.

- Improving the coordination of government agencies operating on the border

- Implement smart gate at the border

5

Upgrade Customs system and technical equipment:

- Improving the customs system will allow individuals and businesses to declare their own items.

- Keeping track of the quantity and quality of export products from the manufacturer to where they leave the border, and from imported products

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It has a total of 1,726 cameras for 24/7 monitoring of customs houses and branches, including border crossing points, customs terminal zones, customs bonded areas, as well goods, transport and passengers.
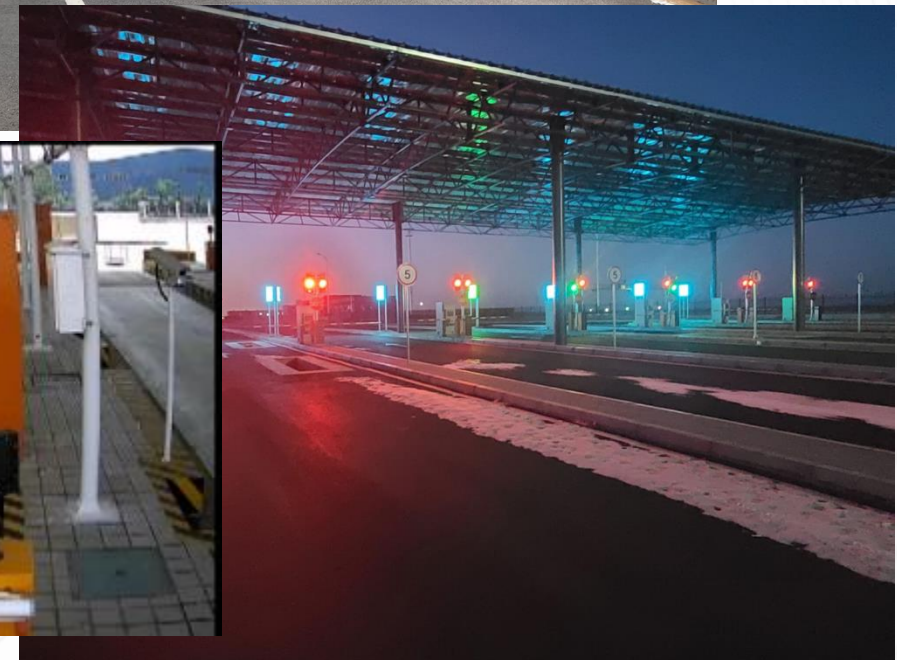
Vehicle license plate recognition

RFID reader

Data Exchange to CAIS

Automatic entry/exit registration

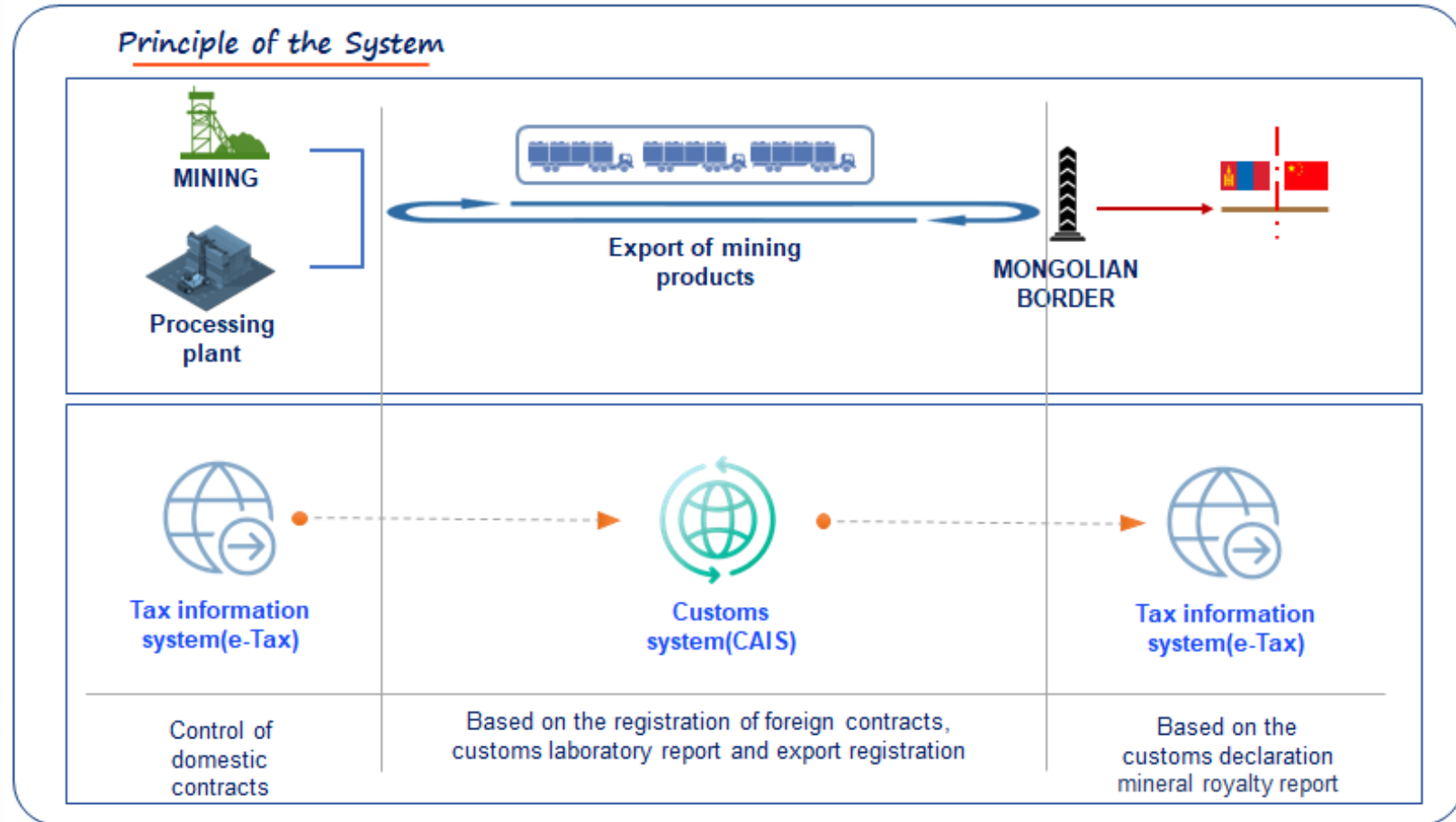3 borders (Gashuun sukhait, Shivee khuren, Zamiin-Uud)

All Customs terminal

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АШИГТ МАЛТМАЛЫН БҮТЭЭГДЭХҮҮНИЙГ ОЛБОРЛОХООС ЭКСПОРТЛОХ ХҮРТЭЛХ БҮХ ҮЕ ШАТ ДАМЖЛАГЫН МЭДЭЭЛЛИЙГ ЦАХИМ СИСТЕМД БҮРТГЭН ГАРАЛ ҮҮСЛИЙГ ТОДОРХОЙЛОХ

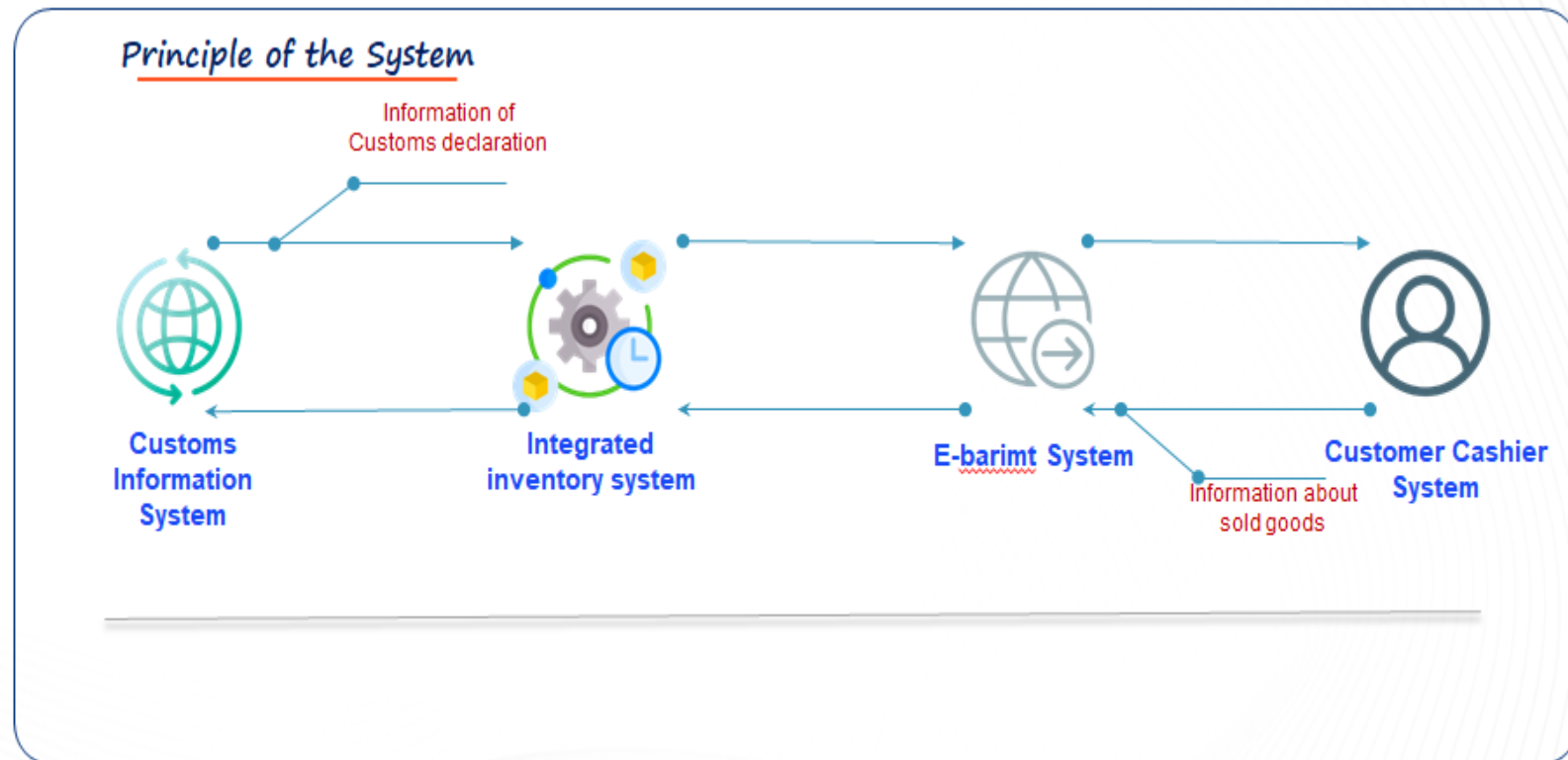ГЭРЭЭ, АМНАТ БАРИМТ, МЭДҮҮЛЭГ, ЛАБОРАТОРИЙН ДҮГНЭЛТЭНД ТУЛГУУРЛАН ТАТВАРЫН НОГДЛЫГ АВТОМАТ СИСТЕМЭЭР ТООЦООЛОХ.

ГААЛИЙН БҮРДҮҮЛЭЛТИЙН ҮЙЛ ЯВЦАД ХҮНИЙ ОРОЛЦООГ БАГАСГАЖ, ЭРСДЛЭЭС ХАМГААЛАХ

Principle of the System

MINING
Processing plant

Export of mining products

MONGOLIAN BORDER

Tax information system(e-Tax)

Customs system(CAIS)

Tax information system(e-Tax)

Control of domestic contracts

Based on the registration of foreign contracts, customs laboratory report and export registration

Based on the customs declaration mineral royalty report

ИМПОРТООР ОРЖ ИРСЭН БАРААГ ЭЦСИЙН ХЭРЭГЛЭГЧ ХҮРТЭЛХ БҮХ ҮЕ ШАТ ДАМЖЛАГЫН МЭДЭЭЛЛИЙГ ЦАХИМ СИСТЕМД БҮРТГЭН ГАРАЛ ҮҮСЛИЙГ ТОДОРХОЙЛОХ

ТӨРИЙН БАЙГУУЛЛАГУУДЫН ХЯНАЛТЫН ТОГТОЛЦОО ОНОВЧТОЙ ЗОХИОН БАЙГУУЛАГДАХ, ТАТВАРЫН СУУРЬ МЭДЭЭЛЭЛ НЭМЭГДЭНЭ

ГААЛИЙН БҮРДҮҮЛЭЛТИЙН ҮЙЛ ЯВЦАД ХҮНИЙ ОРОЛЦООГ БАГАСГАЖ, ЭРСДЛЭЭС ХАМГААЛАХ

Principle of the System

Information of Customs declaration

Customs Information System

Integrated inventory system

E-barimt System

Customer Cashier System

Information about sold goods

SELF DECLARATION: 49.6% (4,256,386,873 USD)

- **Import: 17,395**
- **Export: 153,424**

CUSTOMS STATEMENT: 9,263

01

SELF DECLARATION

- Export and Import customs declaration
- Passengers declaration

02

E-PAYMENT

- Duty payment (ePayment, Social Pay, Qpay)
- Duty exemption request
- Duty drawback request

03

CUSTOMS STATEMENT (REFERENCE)

- Clearance statement
- Offense statement
- Tax payment reference

04

CARGO TRACKING

- Cargo tracking system by container No, Bill of lading, declaration No etc.

05

LICENSE / PERMIT

- Customs broker license
- Customs bonded warehouse license
- Duty Free Shop License etc.

06

STATISTICAL & TAX RATE INFORMATION

- Foreign trade statistic, HS and tariff information
- HS code and Tax Rate information

Single Electron Window

Advanced Risk Management System(AI, Big Data)

Data analytics on Big Data

AI X-Ray

AI HS Code Recommendation

AI CHATBOT

The digitalization of customs is a key enabler for the successful operation of dry ports in Mongolia, contributing to faster, more transparent, and cost-effective trade operations, thereby supporting the country's broader economic goals.

Customs Automated Clearance System

Single Electron Window

Smart Gate (RFID, GPS, E-Seal)

Block chain Technology

Artificial Intelligence and Machine Learning

AI X-Ray

Internet of Things (IoT)

Data Analytic and Big Data

THANK YOU FOR YOUR KIND ATTENTION!