



## State Customs Committee of Azerbaijan

CAREC Conference on Digital Trade and Innovations

Eldar Abbasov, Deputy chief of General Department for Technological Innovations and Statistics  
21 september 2021

# Agenda – Blockchain technology and electronic clearance processes

- ❖ Data mining process
- ❖ TradeLens
- ❖ CoO from Georgia
- ❖ Smart Customs

# Data mining process

- ❖ Storage of data in multiple Databases
- ❖ Track and locate using specialised software
- ❖ Preliminary data comparison
- ❖ Original information

The screenshot displays the PL/SQL Developer interface with a query result table. The table contains 37 rows of data with the following columns: NETTO, NAME\_9, CODI, NAME\_1, CREATION\_DATE, REG, GOC, GOODS\_NAME, PREFERENCE\_CODE, CURRENCY\_CODE, SOURCE\_COUNTRY\_NAME, SHIPPING\_SETTLEMENT\_CODE, SHIPPING\_CONDITIONS\_NAME, and TRADING\_COUNTRY\_CODE. The data includes various goods names such as 'Hexane Transid'ac', 'Xosusu bynnatli mesa', 'Yer va tunel qazan m', '1.Keramikadan süfra', '1.Sada termos-4464 z', 'Tarkibinda antibiotik', 'Darman vasitalari Mm', 'qara metaldan mamn', 'Firin Tiner D-60', 'edli, "Kokusuz Tiner', 'PERFECT TINT-EX' a', 'AKRIL POLIMERLERI', 'trikotaj jiletlar(reklam', 'MAYE HALINDA POL', 'qeyd kitabxalari(nekla', 'betonlar(reklam mate', 'dyircakli qalamlar(re', 'Mergal K 14' adli, 5-', 'Mercapto Ethanol', 'akril polimerleri(boya', 'KATALOQLAR 1009B', 'ÇAP MEHSULLARI P', 'KAGIZDAN ÇÜTULFAR', 'PLASTMASADAN M', '1.Malin adi:Tarkibind', 'HP M802' markali', 'Vulkanlanđirilmis rez', 'Yer va tunel qazan m', '1.UŞAQLAR ÜÇÜN P', '1.UŞAQLAR ÜÇÜN P', '1.UŞAQLAR ÜÇÜN P', '1.UŞAQLAR ÜÇÜN P', '1.SAMPUNLAR 2.Ma', '1.VUYUCU VA TƏMİZ', '1.DEZİNEKSİYƏDİC', '1.HƏDİYYƏLƏR ÜÇÜ', '1.UŞAQLAR ÜÇÜN P', '1.ÇİN HİTİN BİLİMİ'.

# TradeLens

- ❖ **Integrated Tradelens into customs single window**
- ❖ **Result:** As soon as any container available in Tradelens enters customs territory of Azerbaijan, UAMS notifies the customs official that this container can be tracked down via blockchain. There is a link in UAMS via which customs official can see whether information provided at the time of declaration is same as in Tradelens.
- ❖ **Stakeholder data sharing and exchange** model significantly increases trade facilitation process and creates fundamental ground for regional expansion opportunities.

platform.tradelens.com

vais.dgk/ContainerRegistration.aspx

vais.dgk/TradeLens/TradelensOperations.aspx

TradeLens

### CUSTOMS RELEASE

**Event Publisher & Submission Details:**

**Organization Name**  
Azerbaijan Customs

**Organization Type**  
customs authority

**Originator Name**  
State Customs Committee of Azerbaijan

**Originator ID**  
Customs

**Event Submission Time**  
March 1, 2021, 7:55:31 PM GMT+04:00

**Event Information:**

**Location**  
AZBAK

**Event Occurrence Time**  
February 28, 2021, 5:00:00 PM GMT+04:00

**Equipment Number**  
MRKU8829856

**Event Priority**  
1

**Technical References:**

### Additional Information

below.

**U8829856**

**Events** | Documents

Transport Plan | Admin | Document | All

of the event occurrence location. Click on an event for more details.

Location Planned Estimated Actual Transport Event Actual Non-Transport Event

Transport Events

# CoO from Georgia over DLT

- ❖ Certificate of Origin using Distributed Ledger Technologies
- ❖ **Georgia Revenue Service → State Customs Committee of Azerbaijan**
- ❖ Immutability of transactions
- ❖ Certificates of origin published on the Ethereum blockchain
- ❖ Azerbaijan Customs confirms validity of certificates via blockchain API (backend)
- ❖ Time and cost effectiveness of verification process



# Smart Customs

- ❖ E-commerce imports
- ❖ **Significant lack of collection of VAT and customs import duty for goods purchased online and imported postal services**
- ❖ Android and iOS Apps and [e.customs.gov.az](http://e.customs.gov.az) portal
- ❖ 3,5 million e-commerce declarations
- ❖ More than 60 integrated express services
- ❖ Public income collection

Thank you for your attention!



[www.customs.gov.az](http://www.customs.gov.az)



[international@customs.gov.az](mailto:international@customs.gov.az)



+994 12 404 22 00



Inshaatchilar avenue 2, Baku, AZ1073, Azerbaijan



State Customs Committee of the Republic of Azerbaijan

