

# Ministry of Trade and Industry



## The General organization for export and import control

**Goeic Chairman**

**Engineer . Essam Elnagar**

**Implementing an integrated risk management system for the General organization for export and import control in controlling imported non food industrial goods**

- Within the framework of the state's comprehensive strategic plan and the directives of the President of the Republic regarding the governance of ports, accelerating, simplifying and reducing the costs of conformity assessment procedures in ports, while tightening control over the circulation, import and export of low-quality goods, as well as in implementation of Egypt's international obligations signed in the Trade Facilitation Agreement of the World Trade Organization (WTO-TFA) and the recommendations of the World Bank. And the Supreme National Committee for Trade Facilitation in this regard
- The General Organization for Export and Import Control has updated and developed its system of regulatory procedures for conformity assessment procedures for imported goods to be based on the application of the integrated risk management system with all its components to be in line with the latest international practices in this field, which resulted in the issuance of legislation represented in the decisions of the Minister of Trade and Industry No. 283 - 284 of 2023, regarding activating the application of the integrated risk management system in the inspection and testing operations of imported non-food industrial goods, so that these operations are carried out selectively based on the controls for analyzing the associated risk factors.

- Korean cooperation with Goeic began in light of the announcement issued by the Ministry of International Cooperation on August 6, 2020, regarding submitting requests for proposals for development projects fully funded by the Korean government through the Korean Knowledge Exchange Program during the year 2022/2023 (KSP Program), which aims To provide technical consultation and knowledge exchange programs to transfer Korean expertise to advance areas of economic development.
- Goeic's project proposal submitted was accepted only out of 15 projects submitted by various government agencies across Egypt. The project memorandum was signed and implemented in a total period of time not exceeding 6 months, as the project's consultants presented a final report in which they reviewed in detail the road map and technical recommendations. To implement an integrated action plan to build an integrated risk management system with all its components for the Authority entitled:
  - Implementing a digital system for integrated and comprehensive risk management in the authority's procedures for assessing conformity in controlling imports of industrial and non-food goods for the two stages at the border and beyond the border, including the establishment and linking of the two laboratory information management systems (LIMS), the tracking system, local market monitoring, information exchange, and rapid warning within the framework of trade facilitation.



Knowledge  
Sharing  
Program

100 %

## September 2020

Goeic submitted a project proposal with the aim of developing an integrated system for sampling, inspection and management based on risk analysis in monitoring imports of non-food industrial products to the Korea Knowledge Exchange Program (KSP) (Korea Export-Import Bank). The project aims to provide the Egyptian government with indicators on strategies and policies to create measures that effectively manage risk-based control, improve competitiveness and efficiency, and also enhance product quality



100 %

KSP provided a comprehensive advisory report with a roadmap for implementation requirements: -

Integrated risk-based digital screening system  
RBI (Risk Based Inspection)

For cross-border and post-border conformity assessment procedures for non-food industrial shipments with digital integration with accredited laboratories

LIMS

(Lab Information management system)

To activate the tracking and market monitoring system

(Market Surveillance)

For products in the Egyptian markets and the quick alert program.

In addition to the rest of the recommendations contained in the report regarding infrastructure and database integration



90 %

Based on the final KSP advisory report and the field study of the KOICA project consultants, the integrated components of the project were identified as follows:

Phase 1: Implementing the work plan for the integrated risk management system

Phase 2: Design and installation of RBI automation system and LIMS

Phase 3: Implement the post-border part of product traceability, market monitoring, rapid alert and information exchange systems.

On 3/13/2024

Goeic has been informed of the approval to implement the project and is awaiting political approval



KOREA INTERNATIONAL COOPERATION AGENCY

KP20240313333

March 13, 2024

Engineer Essam El-Naggar  
Chairman  
General Organization for Export and Import Control (GOEIC)

Dear Eng. Essam,

I would like to present my compliments and extend my sincerest appreciation for your efforts during the experts' visit to GOEIC in January, 2024

With reference to the Ministry of International Cooperation's letter No. 8643 dated 30 August 2023, regarding the Project Concept Paper (PCP) for the project, "Establishment of the Digital Platform for Risk-Based Inspection and Tracking to Facilitate Trade in Egypt," I am pleased to inform you that it has been officially approved by KOICA headquarters (HQ).

As the approval mentioned above marks a crucial milestone in both governments' cooperation, the Office would like to highlight that this is considered the first step in the Korean government's internal approval process. Kindly note that the approval process is expected to be finalized by December, 2024.

I will keep you updated on the progress of the project, and I avail myself of this opportunity to renew to you, Eng. Essam, the assurances of my highest consideration .

Sincerely,

  
Mrs. Jinyoung KIM  
Country Director  
KOICA Egypt Office



KOICA Egypt Office  
World Trade Center 1191 Corniche El Nile, 18<sup>th</sup> Floor, Cairo, Egypt  
Tel: 20-2-2576-3383/92/93 Fax: 20-2-2576-3236

On 3/13/2024

Goeic has been informed of the approval to implement the project and is awaiting political approval through a written communication from the Director of KOICA Egypt Office: Ms. Jin Young Kim conveys that the project to establish a digital platform for risk-based inspection and tracking to facilitate trade in Egypt has been approved, and the approval procedures are expected to be completed by December 2024.

The project duration from 2025 to 2029

# Strategic goals of the project



1

رؤية  
20/30  
VISION OF EGYPT

Achieving the goals of  
Egypt's Economic  
Development Vision 2030

2

Management  
Time  
Cost

Time management  
and cost control

3

Quality  
Control

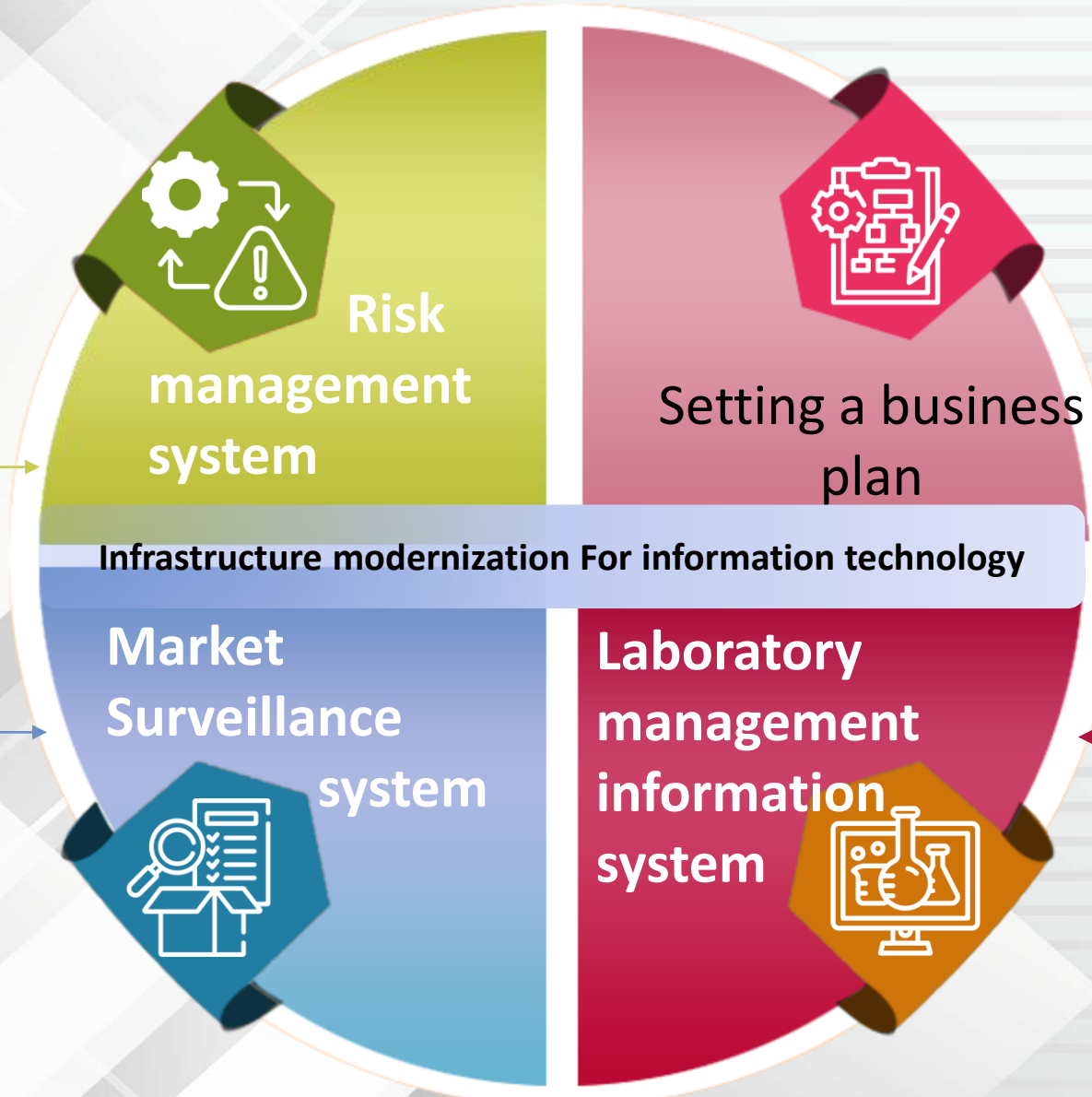
More efficient controls  
to track and monitor  
markets

4

DIGITAL

Risk Management

Facilitation of foreign  
Egyptian Trade





# Business schedule for project phases



**Risk management  
system on border**



**Laboratory management  
information system  
(LIMS)**



**Tracking system and  
market surveillance**



**Data integration**



# First: the border risk management system



It includes digital pre-risk analysis and evaluation processes before the consignments arrive for all elements and information related to (country of origin - type of goods - shipping company.....) for imported goods for non-food industrial goods to set selective criteria and their targeting ratios to determine mechanisms and indicators for dealing with them.

When it arrives at ports and outlets (green/yellow/red



### Through Article 7.4 Risk Management of the Trade Facilitation Agreement

1. Article 7.4 of the Trade Facilitation Agreement requires WTO members to develop and implement a risk-based management system for customs controls on all import, export and transport transactions.
2. The provisions require all Member States to adopt risk management systems in a way that does not allow undue discretion, arbitrariness or restrictions on international trade.
3. Member States should focus their customs and other relevant border controls on high-risk goods as much as possible, while facilitating the release of low-risk goods as a means of accelerating the flow of international trade and reducing the costs of doing business.





**Ministry of Trade and Industry Resolution No. 283 of 2023**  
It includes an addition of a new article “Article 94 bis” to regulate the risk management system in the inspection and testing operations of imported non-food industrial goods.

**Ministry of Trade and Industry Resolution No. 284 of 2023**

It stipulates the formation of a committee to set standards and controls for the integrated risk management system, headed by the Chairman of Goeic and with the membership of representatives of relevant authorities.



**LEGAL  
SUPPORT**

### Scope of border inspection

The inspection of imported non-food industrial goods, which is currently conducted by Goeic, is carried out in three steps - documentary - visually - laboratory inspection.

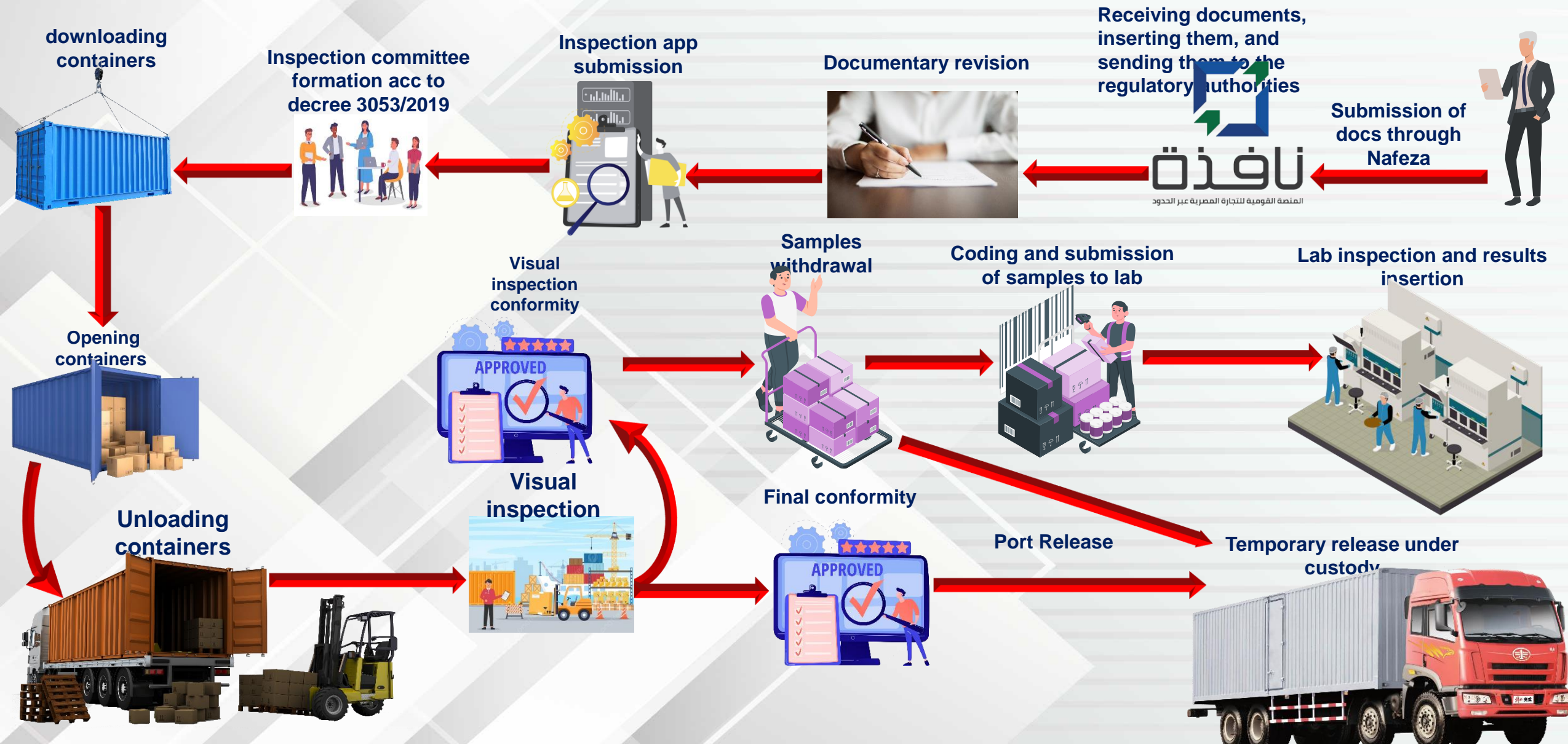
There is no system for conducting goods inspection in accordance with risk management mechanisms.

### Artificial intelligence techniques

The General organization for Export and Import Control intends to apply artificial intelligence and machine learning techniques using information stored in its database to automatically determine the level of import risks.



# Procedures for submitting the consignment in accordance with Article 94 of Executive Regulations 770 of 2005 and its amendment



Fifth risk factor:

country of origin

The relative value of the risk weight is 10%.

Country of origin

Third risk factor:

importer

The relative value of the risk weight is 20%.  
%20

importer

The first risk factor:

Harmonized customs code HS code

The relative value of the risk weight is 35%.

PRODUCT  
HS CODE

Fourth risk factor:

Use/end user of the product

The relative value of the risk weight is 15%.

End use of product

The second risk factor:

The product/factory/company that owns the trademark

The relative value of the risk weight is 20%.

Producer/factory

v 1.0

# GOEIC Process

NAFIZA

GOEIC

Decision



Receive the file



NO  
Insert data  
Yes  
digital file

Documentary review

Risk-action

Virtual inspection

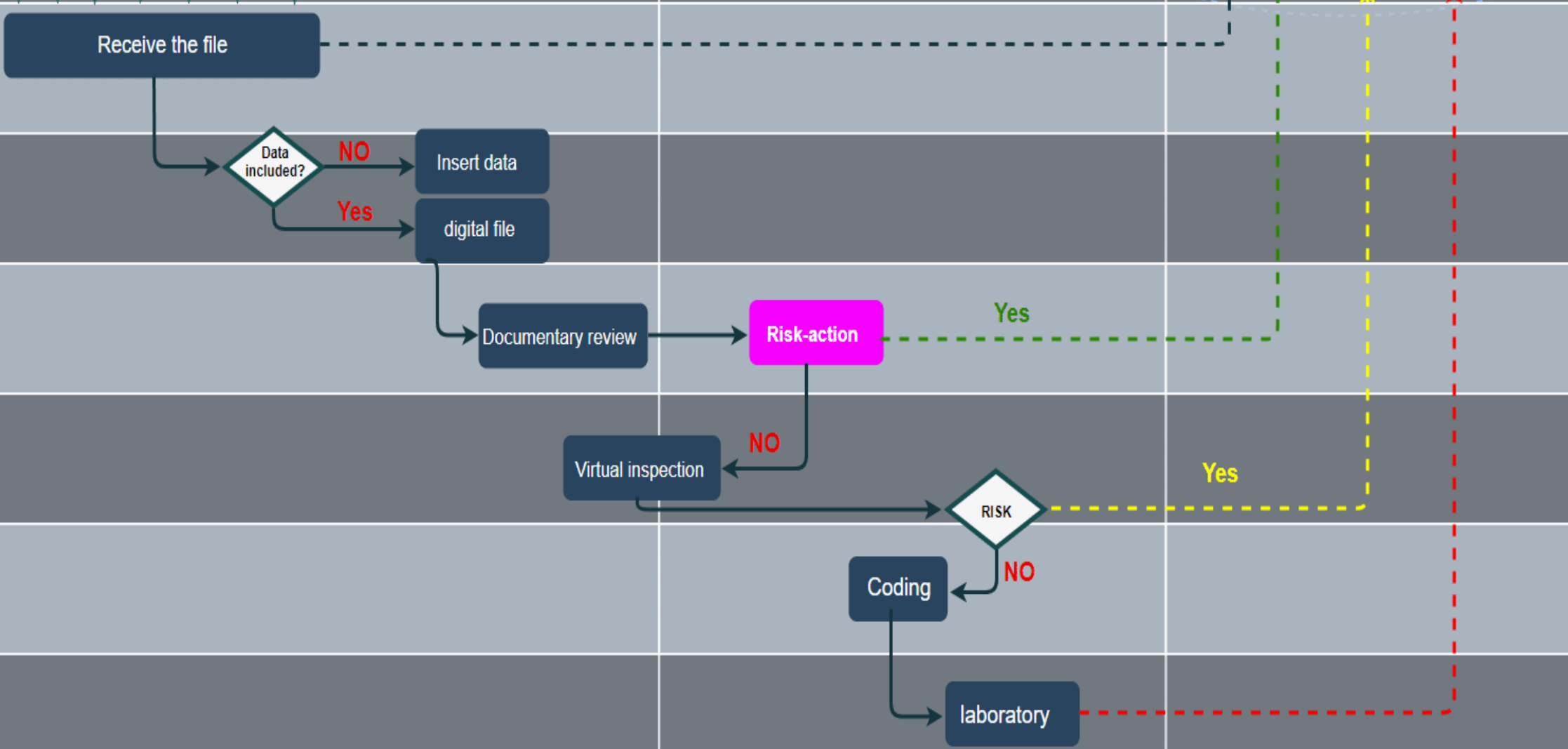
Coding

laboratory

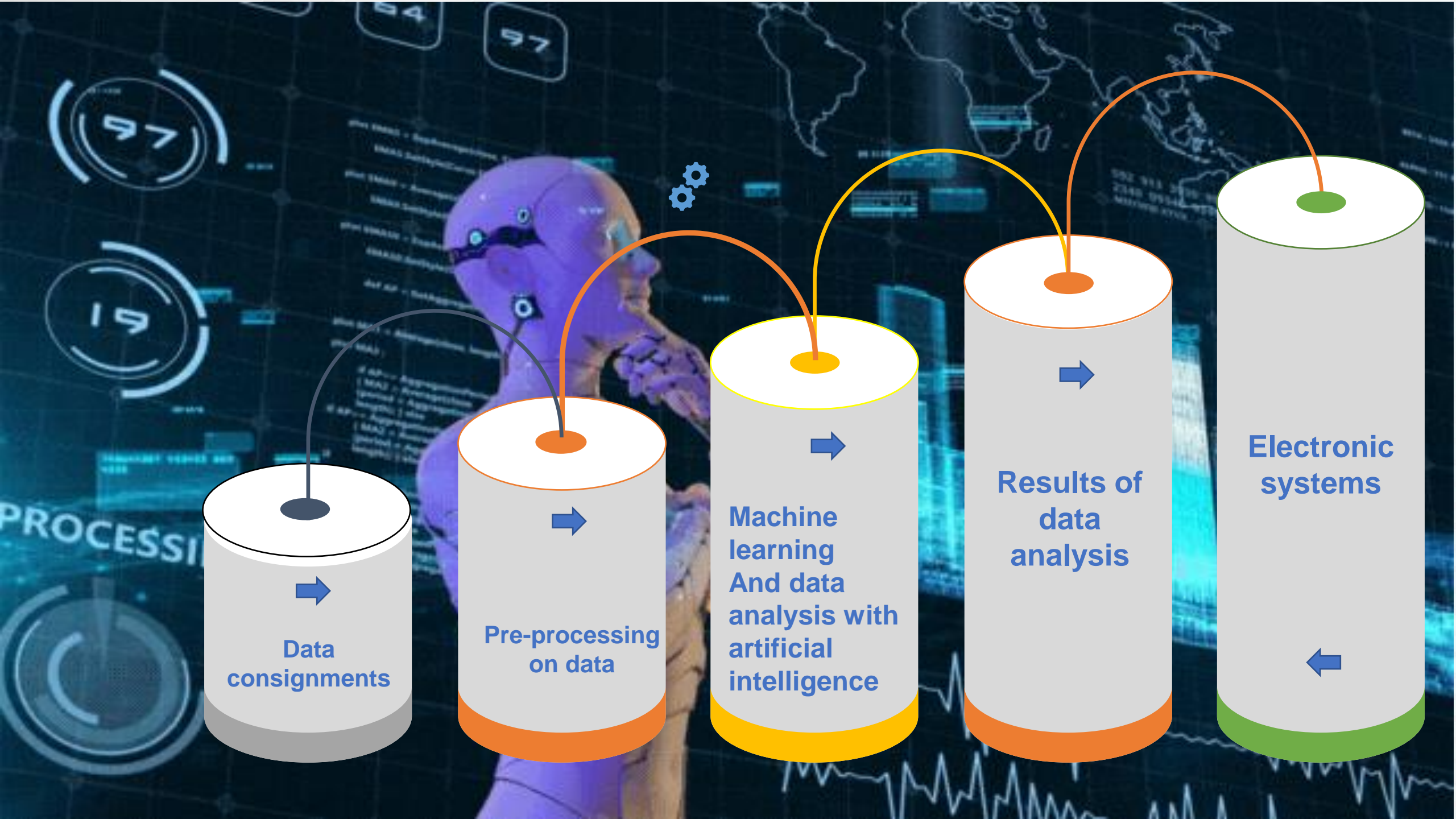


CUSTOM

GOEIC





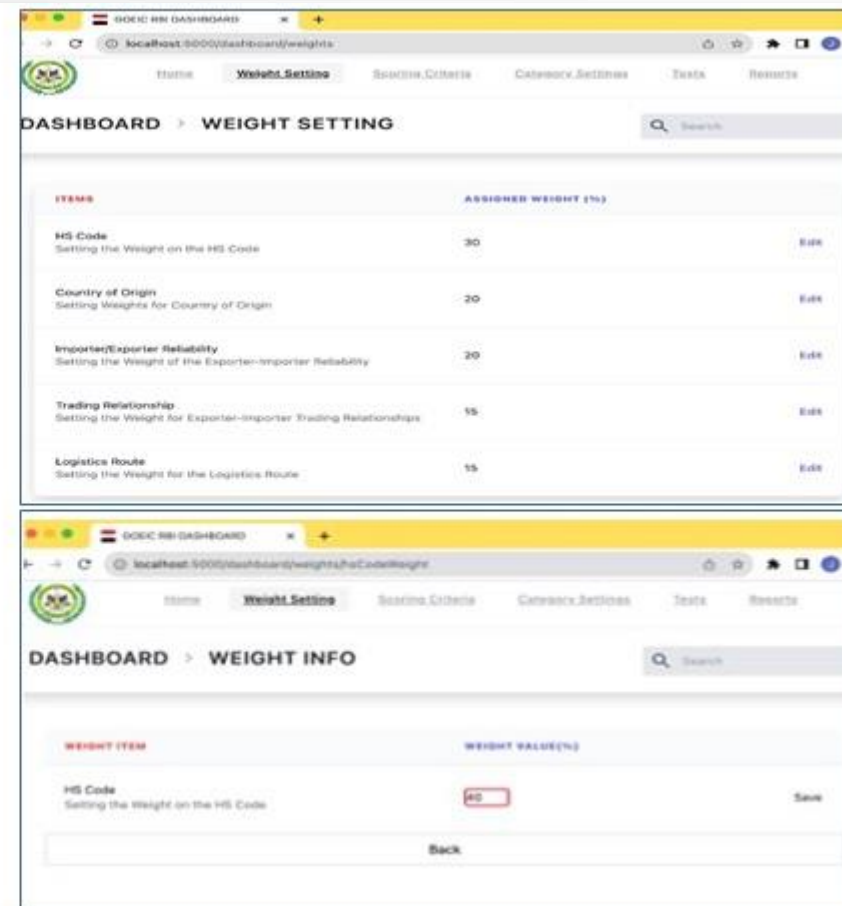
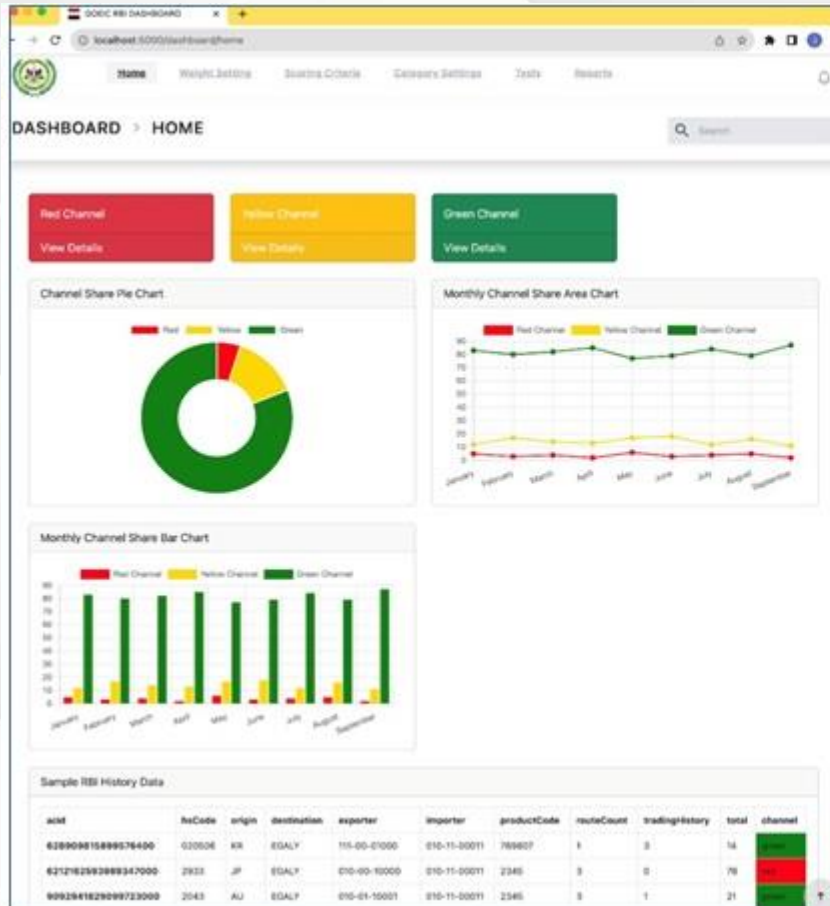


# Visualize the service screen

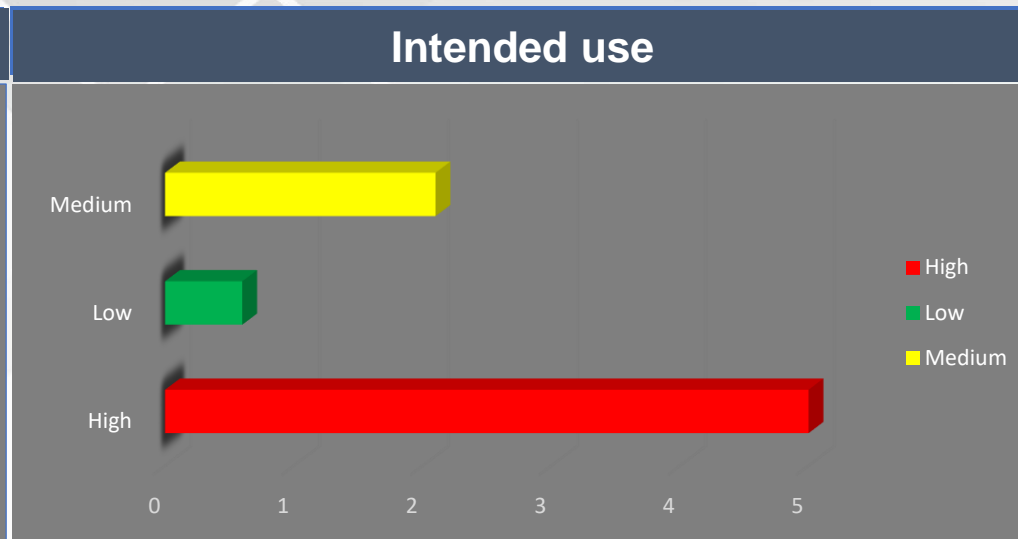
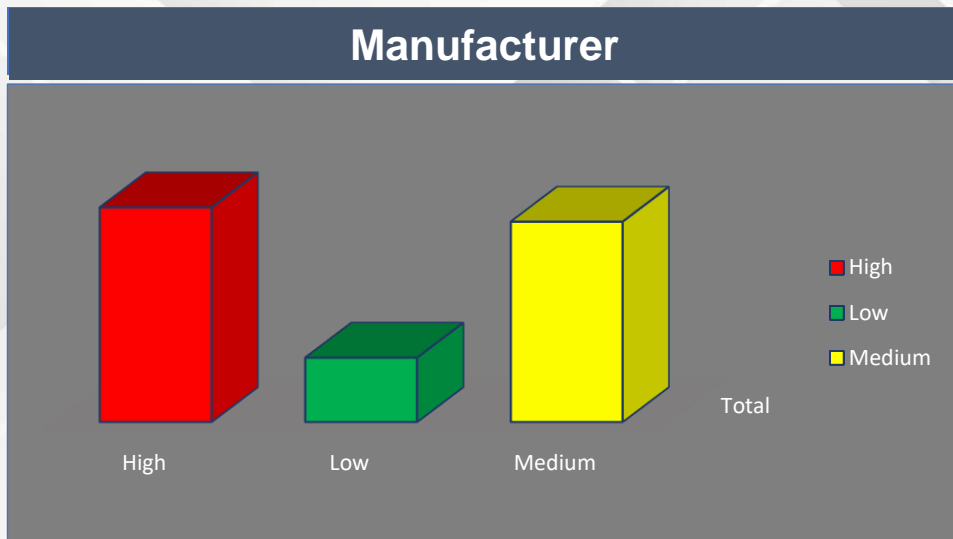
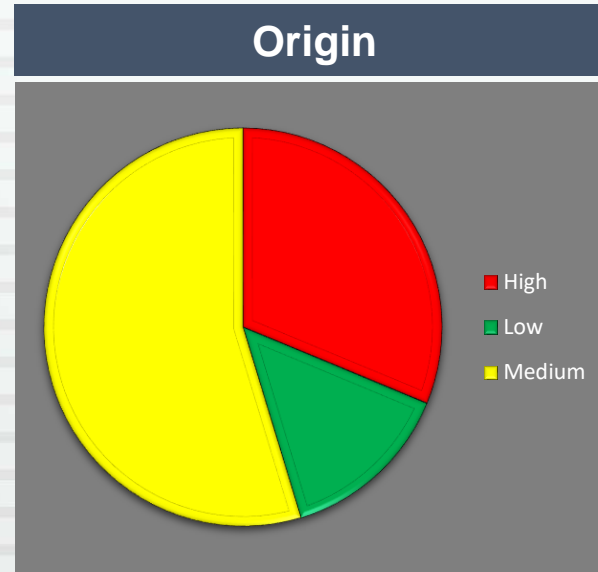
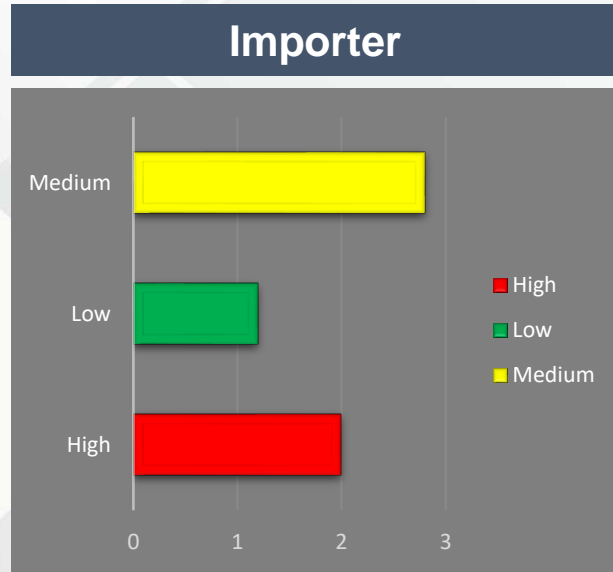
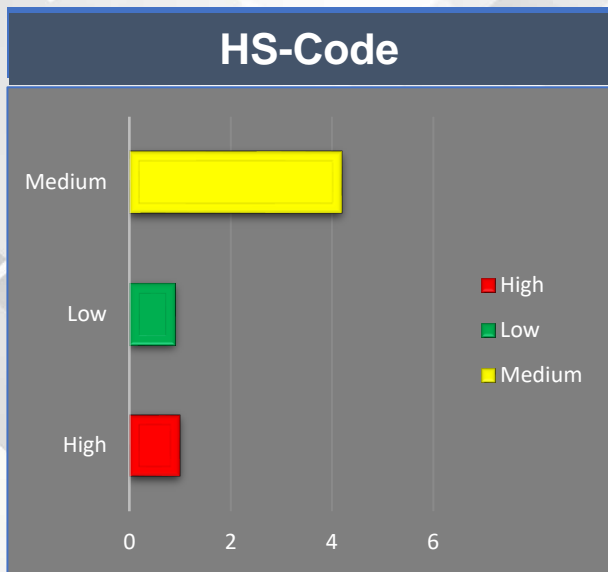



On the main screen, charts and graphs display daily and monthly statistics by red, yellow and green channels.


If you click View each channel details on the main screen, detailed information about each channel will be displayed, and the details will be explained through the demo.




# Dashboard for Analyzing Sample Data KPIs



Low 

Medium 

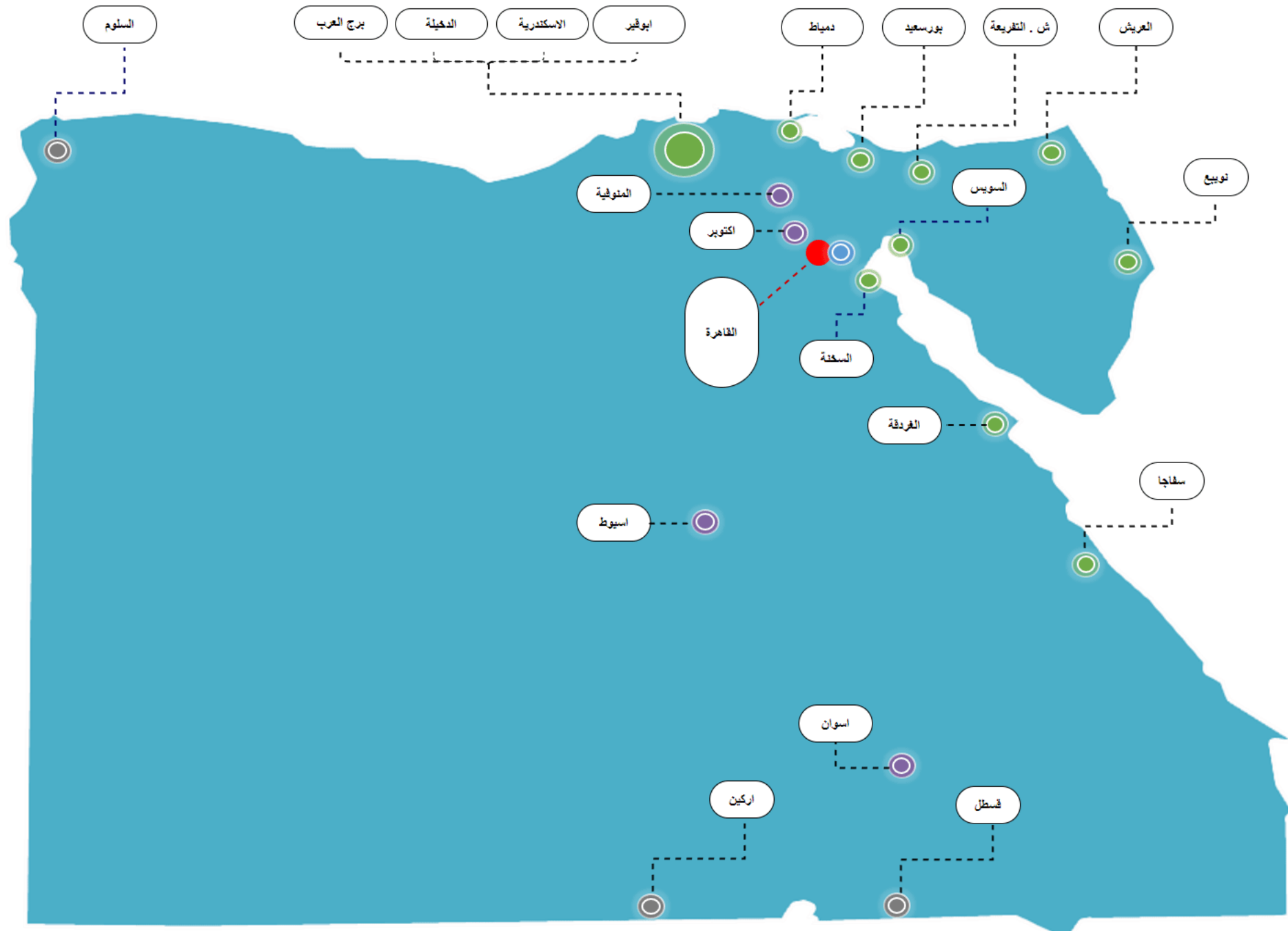
High 

# Laboratory Information Management System (LIMS)



The Laboratory Information Management System (LIMS) allows Goeic to provide its services to partners and customers through an integrated electronic environment, and is an important shift in the speed, safety and effectiveness of the service provided.

GOEIC is unique as a government body in having an integrated system of laboratories and international accreditation in all areas of international conformity assessment systems for approximately 329 advanced laboratories in 3,000 testing fields spread throughout the Republic.



HQ

موانئ بحرية

فروع اقليمية

منافذ حدودية

فروع جوية

القاهرة

- المركز الرئيسي - مطار
- القاهرة - الإدارة المركزية
- للمعامل الكيماوية -
- مقر الهيئة برمسيس -
- العاشر - العبور

السويس

- بور توفيق - الادبية - بدر
- الجاف - معامل السلع
- الصناعية بالسخنة

\* الغرف التجارية

\* المناطق الحرة

# second Laboratory Information Management System (LIMS)



The system of LIMS provides centralized data access, tracking, storage, and report generation

## Data management

LIMS contributes to feedback into the risk management system

## Data feedback



LIMS helps automate laboratory workflow and reduce manual tasks.

## Digital transformation of operations

LIMS contributes to downstream data analysis and efficiency improvement.

## Data Analysis

## Third, the market surveillance and product tracking system, Block Chain



The market surveillance and product tracking system is crucial to ensuring the smooth functioning of the Egyptian market

and helps protect consumers against unsafe and non-compliant products.

The market surveillance system protects companies and factories from unfair competition by unlicensed factories that do not

comply with specifications

# Benefits of the market surveillance and goods tracking system



## (Alerting system) Oversight and accountability

The system provides electronic records that enable the tracking of facilities, operations, and parties involved in the trading of products, which enhances oversight and accountability for non-conformed products.

## Consumer protection

By identifying affected products more quickly and accurately, the system helps protect consumers from unsafe or counterfeited products.

## Product tracking

The system provides the ability to track products throughout the supply chain, helping to accurately identify the sources of shipments and materials used in manufacturing.

## Support decision makers

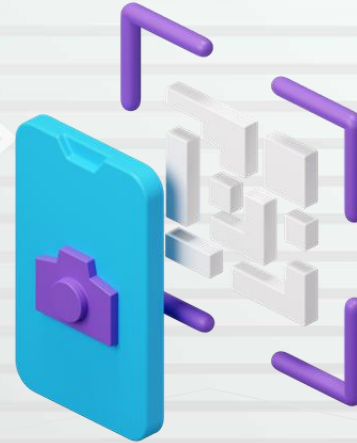
The electronic data provided by the system provides valuable information to decision makers to enhance the border control and risk management system





## Integrated system

These technologies work integratedly into the border risk management system to provide accurate and reliable data on products traded in the market. This data supports monitoring and investigation processes and enables rapid action to be taken when necessary..



## Identification technologies

The system also uses QR Code and cellular communications (GPRS) technologies to identify products and link them to associated electronic data. This helps in tracking and sourcing products accurately



## Tracking technologies

The system relies on advanced tracking and monitoring technologies, such as GPS and wireless networks (Wi-Fi). These technologies provide high accuracy in locating products and tracking their movement through the supply chain



# T&C Garments

## Digital Product Passport Procedures

T&C Garments SAE Egypt  
 Plot No. 1, 2,3B, Block No. 22008  
 Industrial Zone B, G, Al Obour City,  
 Qalioubia, Egypt  
 Web: <https://www.tcgarments.com/>

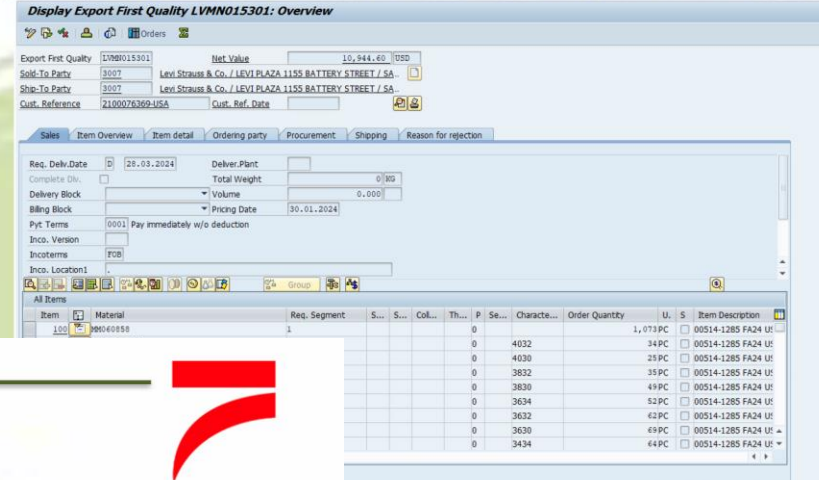


## Tracking products and environmental impact

### 1. Manufacturing & Shipment details

❖ We keep our records online and on the system at Digital Sap system platform for all manufacturing details from receiving raw material till finished products shipments includes .

- Sales
- Item overview
- Item detail
- Ordering party
- Procurement
- Shipping
- Reason for rejection



## Tracking products and their environmental impact

### 2. Sustainability & performance details



With the **EIM Score** software, we follow the impact of each recipe that we have created on the nature and we try to determine the **necessary improvement points**.

- We present washing developments and collections to customers prepared with green Eim score recipes.

- Water Impact
- Energy Impact
- Chemical impact
- Human impact

EIM ENVIRONMENTAL IMPACT						
EIM SCORE	33	Water Impact (l/kg of garment)	Energy Impact (Kwh/kg of garment)	Chemical Impact (garment)	Worker Impact (garment)	
Threshold: EIM V2.0 - DENIM	Low Impact	34.1	1.78	47	15	
0-33 Low	33-66 Medium	0-45	2.5-3.6	0-33	0-13	+66 High
		45-90	+3.6	+66	13-29	+29

## Tracking products and their environmental impact

### 3. Organic & recycled product traceability

- GOTS
- OCS
- GRS
- RCS
- Regenagri
- Better cotton



## Tracking products and their environmental impact

### 4. Safety & compliance details

- ❖ T&C social compliance, safety and health performance are tracking on **Better work ILO Portal** , **FFC** , **WRAP** , **Sedex** portals



## Tracking products and their environmental impact

### 5. Chemical management details

- *We are a member of Sustainable Apparel Coalition. We procure the environmental data sharing and verification audits of our plant.*

- In the Gateway system, we have our wastewater analyzed by the accrediting laboratory , and we share our data in a transparent manner.

Ø ZDHC



Ø ZDHC  
Zero Discharge of  
Hazardous Chemicals



CLEANCHAIN  
AN ADEC INNOVATION

INTELEX

NOTES™

intertek  
Total Quality. Assured.



# Data integration



## National Food Safety Authority

Exchanging data and information with the National Food Safety Authority with the possibility of working on one common system, and each entity has its own data and specifications in accordance with its laws.

To enhance the comprehensive risk system and control the local market.

## Egyptian customs

Exchanging data and information with Egyptian Customs to enhance integration and coordination in customs inspection , release procedures and the comprehensive risk system

## Other government agencies

Integration to exchange data and information related to risk management with government agencies with common relationships, such as agricultural quarantine, veterinary quarantine, publications, artistic works, explosives management, civil protection, etc.....



**THANK YOU**

