ASYCUDA
Automated System for Customs Data

UNITED NATIONS CONFERENCE ON TRADE AND DEVELOPMENT
UNCTAD



UNCTAD / 19 June 2023

State of Play on Cross-border Paperless Trade in Asia and the Pacific
19 June 2023, Bangkok

ASYCUDA Programme
Division on Technology and Logistics (DTL)

UNITED NATIONS
UNCTAD

ASYCUDA Programme

102

38 LDCs

41 SIDS

23 LLDCs

ASYHUB MARITIME

- Cambodia
- Sri Lanka

eCITES POWERED BY ASYCUDA

- Mozambique
- Sri Lanka

ASYREC RELIEF CONSIGNMENTS

- Vanuatu

ASYHUB

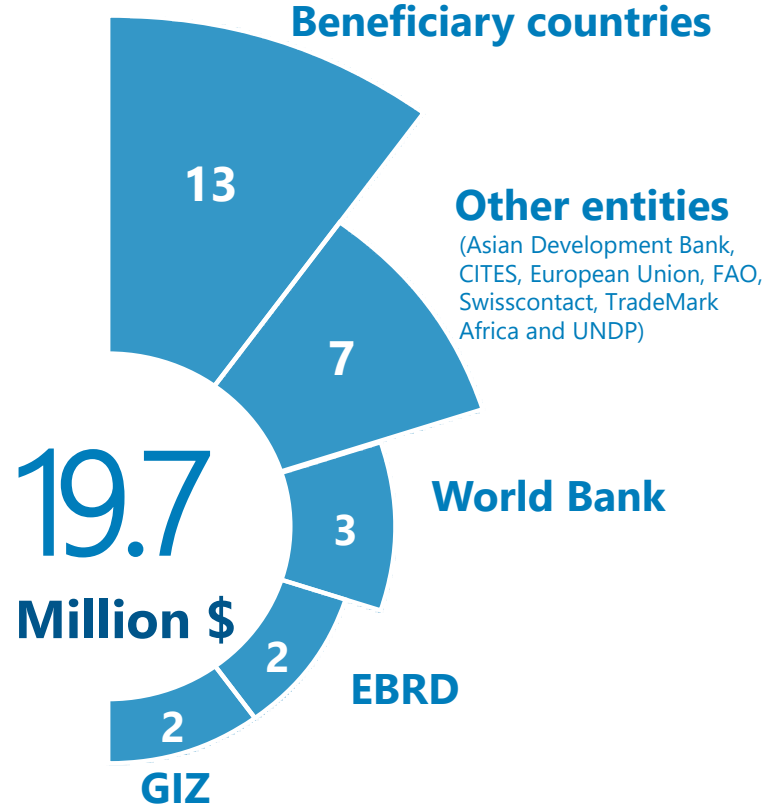
- Cambodia
- Vanuatu

12

Single Window projects

- Barbados
- Burundi
- Comoros
- Grenada
- Jamaica
- Kazakhstan
- Rwanda
- Timor Leste
- Turkmenistan
- Uganda
- Vanuatu
- Zimbabwe

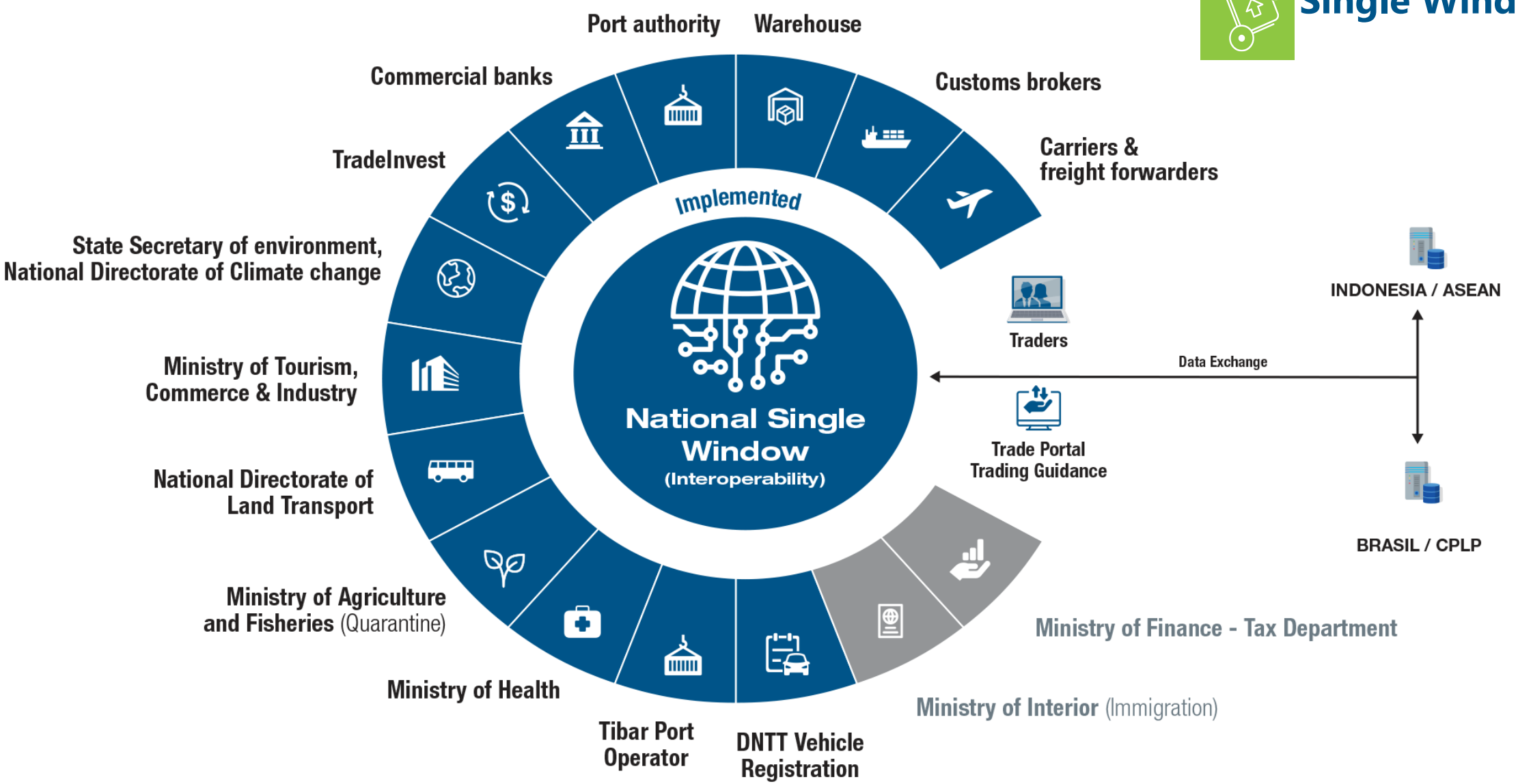
Project **Funding** (2022)



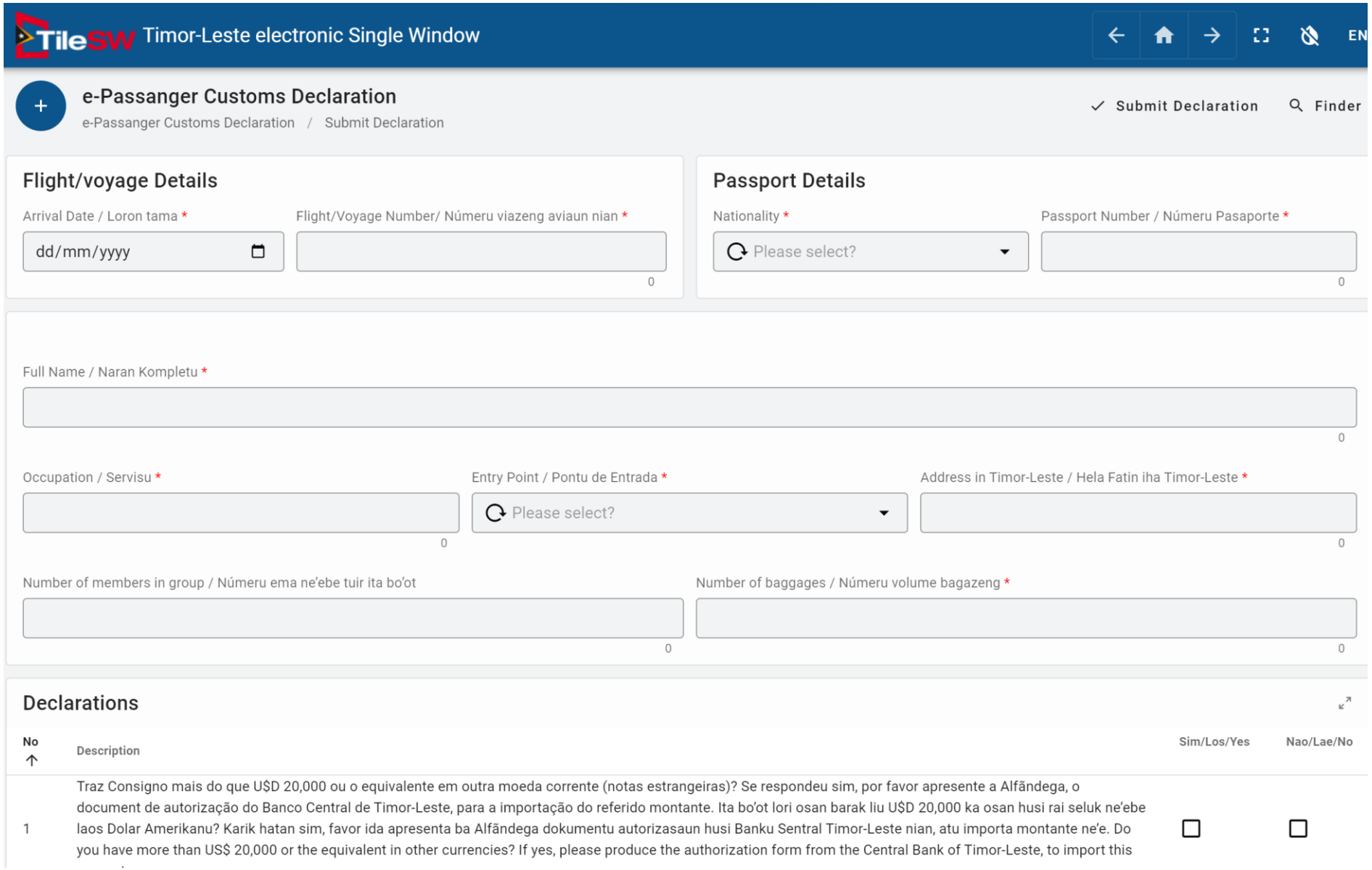
27 New projects **Signed** (2022)

The Timor-Leste National Single Window is powered by AW

Single Window (10.4)



Customs Passenger Declaration form



ASYHUB Platform

ASYCUDA

UNITED NATIONS UNCTAD

ASYHUB
Online Data Integration Platform

Pre-Arrival processing (7.1) & Risk Management (7.4)

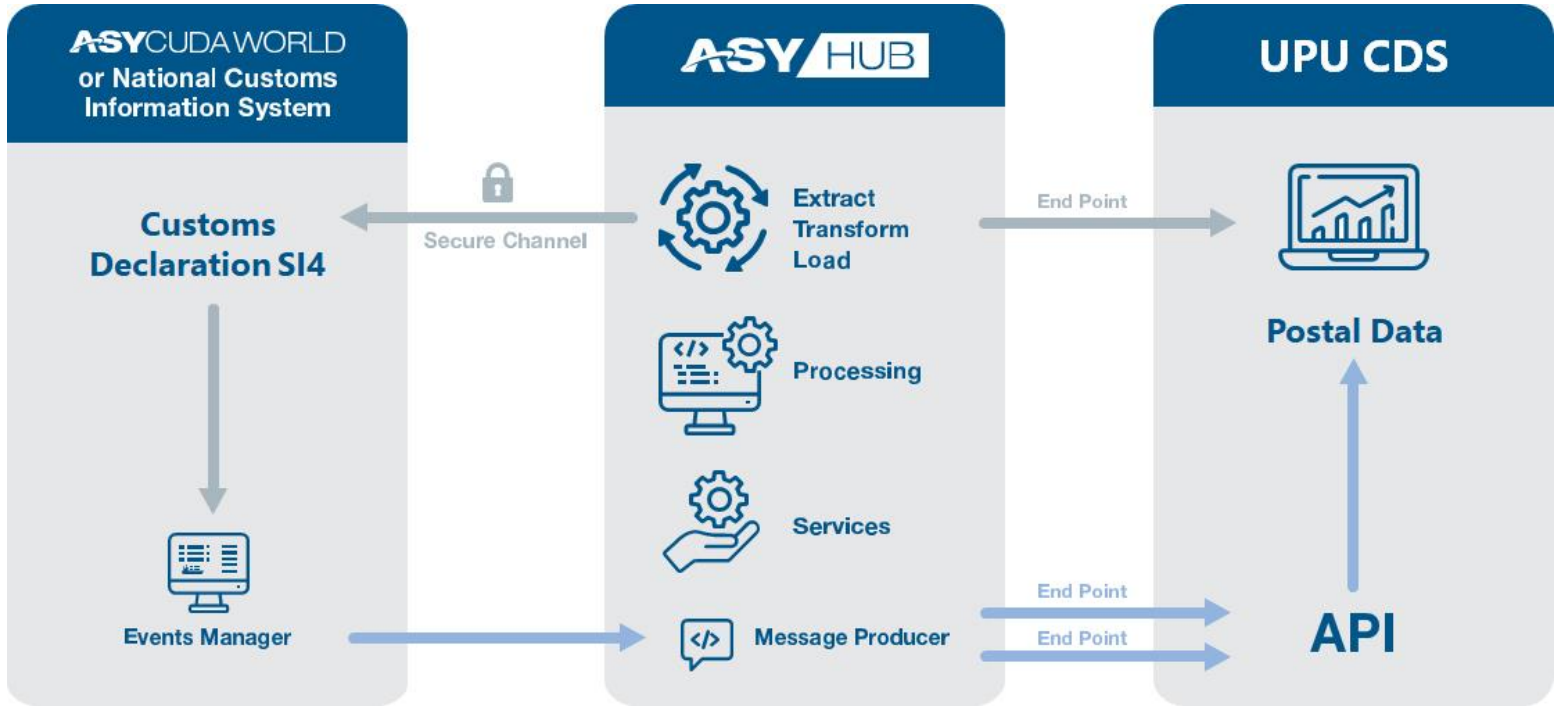
- **ASYHUB** is an **open standardized** platform that facilitates the Data processing and Data Integration between Customs Information System and Other external systems/platforms
- It works fully with **Open-Source Technologies**

- It implements **Pre-Arrival** and **Pre-Departure Processing** for Maritime, Postal Consignments
- It is **fully Integrated** with **ASYCUDAWorld System**
- It is **Integrated** with **SHIP DATA PROVIDERS AND POSTAL DATA PROVIDERS (UPU)**
- Provides Customs authorities with **richer information** to support a more informed risk assessment for a better targeting and more effective decision on which consignment to inspect
- Enhances National Customs Information Systems to facilitate **risk-based PaP/PdP**

ASY HUB Postal Consignments

Effective and efficient management of cross-border E-Commerce

e-Commerce development by addressing the need for the exchange of Electronic Advance Data between Posts (UPU CDS system) and Customs (ASYCUDA system) to enable an efficient customs clearance process and the timely delivery of postal items.



Ongoing projects:

Vanuatu - EIF funded

Cambodia - Swisscontact funded

ASY PCD POSTAL CUSTOMS DATA

Gibraltar (UK) outgoing mail - August 2018

Georgia - UPU funded

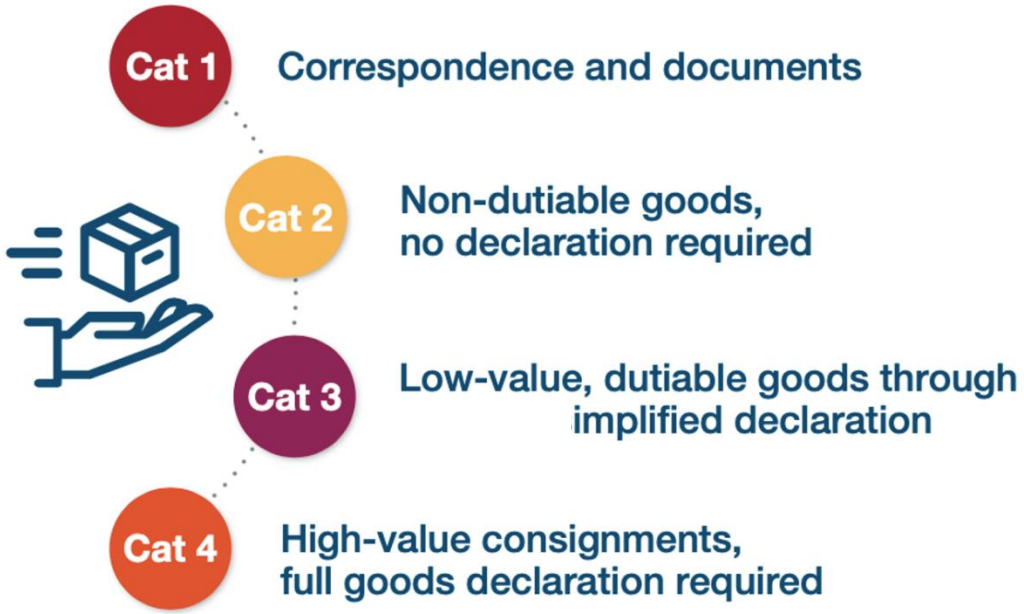
Moldova - EBRD eCommerce Project

Postal Consignments – Processes

Clearance procedure for postal consignments streamlined and expedited, facilitating the processing prior to the arrival of goods with a view to expediting the release of goods upon arrival

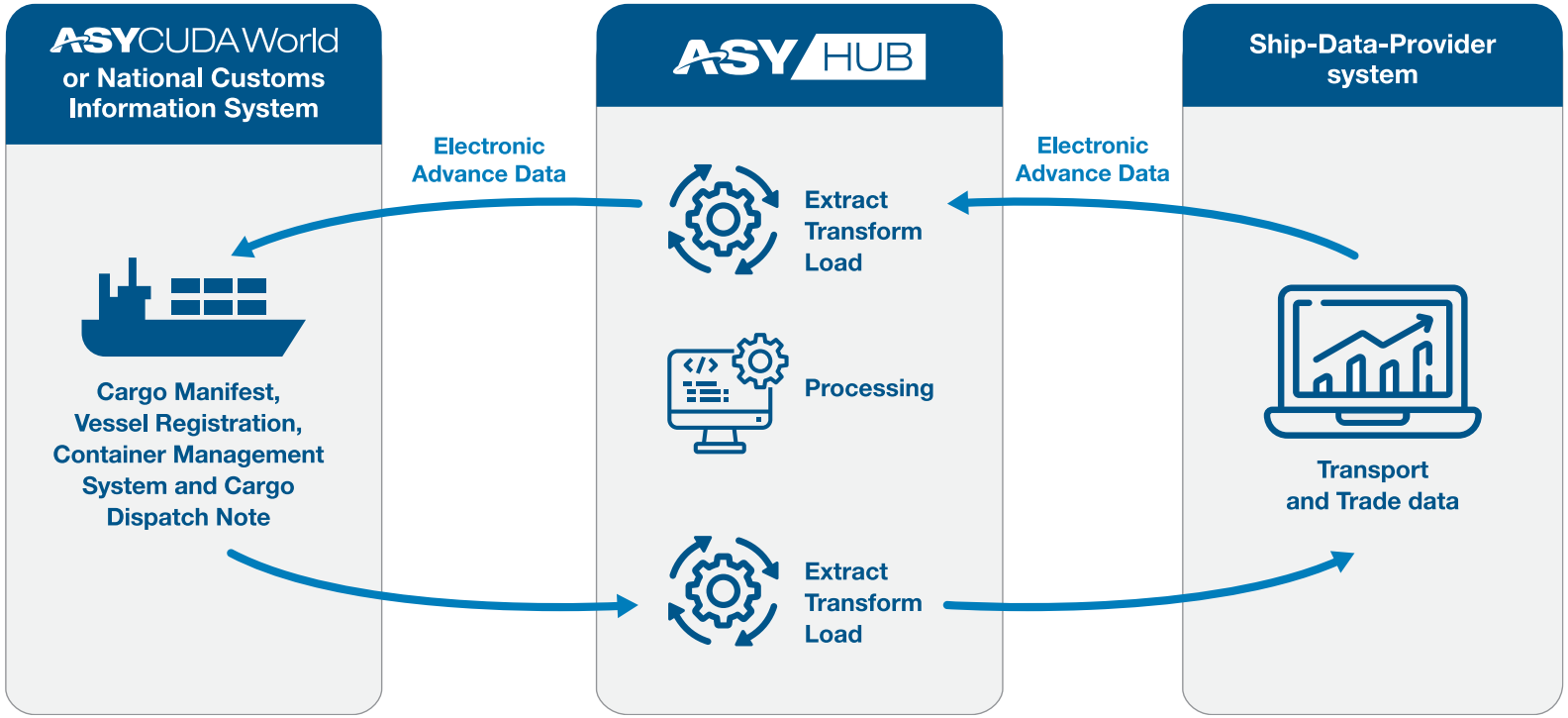
Categorization & Immediate Release

- **Automatic release** of category 1 consignments (Documents & correspondence) upon arrival consignment
- **Immediate release** of category 2 consignments (Low Value Consignments for which no duties and taxes are collected - de minimis threshold) on the basis of the **electronic CN22, CN23, CP72 declarations** provided by the postal operator
- Submission and processing of **Simplified Declaration** for category 3 consignments (Low value dutiable consignments)
- Submission and processing of **Detailed Declaration** for category 4 consignments (High value consignments)



Increase trade facilitation and ensure a quicker release of maritime consignments

Piloting the ASYHUB Data Exchange and Data Integration platform between National Customs Information Systems and ship data provider's ICT systems to facilitate the processing of electronic Sea Cargo Manifest pre-arrival (Entry) and pre-departure (Exit)



Ongoing projects:

German Alliance for Trade Facilitation

ASYHUB - Expected Benefits

- Harmonise and streamline the information exchange between Post/Ship Data Providers and Customs authorities
  Increase trade facilitation and ensure a quicker release of goods

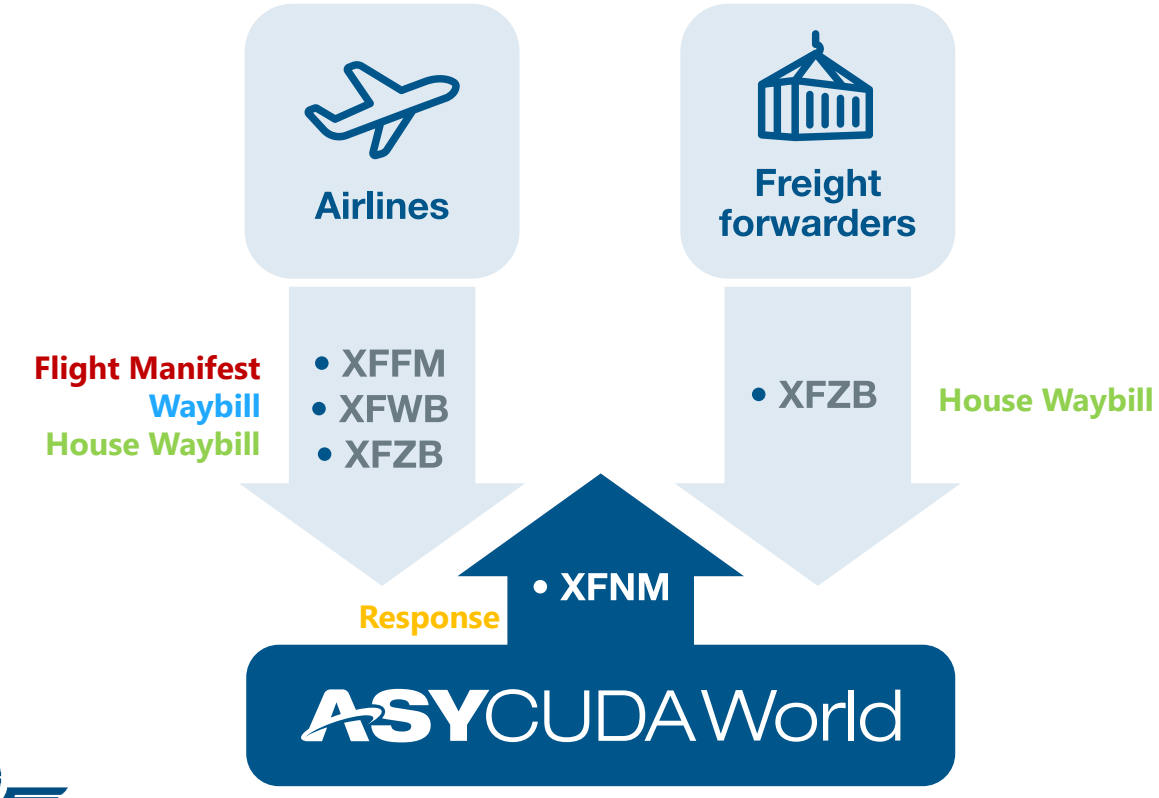
- Simplify and automate the process of submission of Postal/Sea Cargo Manifest information through a system-to-system interface
  Reduction of the administrative burden for post / ship data providers

- Provide Customs authorities with richer information to support a more informed risk assessment for a better targeting and more effective decision on which Postal/Express consignments shipments to inspect
  Improve risk management, security and revenue collection



Air Manifest

Airlines, freight forwarders and shippers use this global standard to automatically exchange (Webservices, Secure E-Mails Exchanges) air cargo electronic information with customs authorities with ASYCUDAWorld (AW) to facilitate the processing of electronic Air Manifest and to allow the submission of customs declaration before arrival.



Completed projects:

- **Seychelles Revenue Commission** (2013)
- **Jamaica Customs Agency** (July 2017)
- **Angola General Tax Administration** (August 2018)
- **Lebanon Customs Administration** (2018)
- **Uganda Revenue Authority** (2019)
- **Rwanda Revenue Authority** (2019)
- **Bangladesh** (July 2022)

Ongoing/under discussion projects:

- **Barbados**
- **Bosnia and Herzegovina**
- **CARICOM Impacs** (14 countries)
- **Kosovo**
- **Albania**

New Computerised Transit System (NCTS)

- Develop a National Transit Application (NCTS-NTA) aligned with the **NCTS-P5 specifications and national requirements, including country specific deviations**
- Implement the NCTS-NTA capabilities into the operational GRS eCustoms environment, ensuring **full interoperability with existing eCustoms sub-systems**
- Increase the GRS operational capacity, in the context of implementation of the EU - Georgia Association Agreement and the Strategic Framework for EU-Georgia Customs Cooperation, through the development and implementation of NTCS - NTA of Georgia Revenue Service to prepare for **Georgia's accession to the Common Transit Convention**, to facilitate trade between the EU and Georgia.
- Further strengthen the trade facilitation by **simplifying the trading environment** in terms of customs procedures and documentation, while **improving the customs supervision and monitoring**

Ongoing projects:

REVENUE SERVICE

ევროკავშირი საქართველოსთვის

Project funded by the European Union

Transit in ECOWAS

Transit (11.)

SIGMAT (ECOWAS Regional transit module)

- **Technical and functional specifications defined with the support of WCO** to exchange transit declarations messages between Customs clearances systems of ECOWAS member states (12 are using ASYCUDA out of 15)
- **SIGMAT for road transport:**
  - Developed by 5 IT experts of ECOWAS region with the support of ASYCUDA experts (2018)
  - Implemented in 2019 in 5 countries (2 LLDCs) : Burkina, Benin, Cote d'Ivoire, Niger and Togo) for road transport
  - Tested between Mali and Senegal (in 2020)
  - Deployment planned in all ECOWAS countries / SIGMAT could be also used in other region (like CEMAC)
- **SIGMAT for rail transport:**
  - Developed in 2020 and tested in 1st quarter of 2021
  - Should be deployed before June 2021 between Burkina Faso and Côte d'Ivoire

SIGMAT – Solution and results

- **Before:** A transit declaration has to be registered at the border of each country
- **Solution:**
  - At the departure country, a transit declaration is registered and a copy is electronically sent to the transit and destination countries' systems
  - Customs agents confirm the exit/entrance at the border or at the arrival at the destination office. Confirmations are sent electronically
- **Results:**
  - Simplification of transit procedures (only 1 transit declaration registered)
  - Shorter transit processing time



eCITES POWERED BY ASYCUDA

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eCITES

Compliance and enforcement - Prevent illegal cross-border trafficking of endangered species

Within the framework of the MOU signed between the CITES Secretariat and UNCTAD, and a project sponsored by the Government of Switzerland both organisations have jointly developed a cloud-based electronic permit system offering automated support for permit application, processing, issuance and reporting.



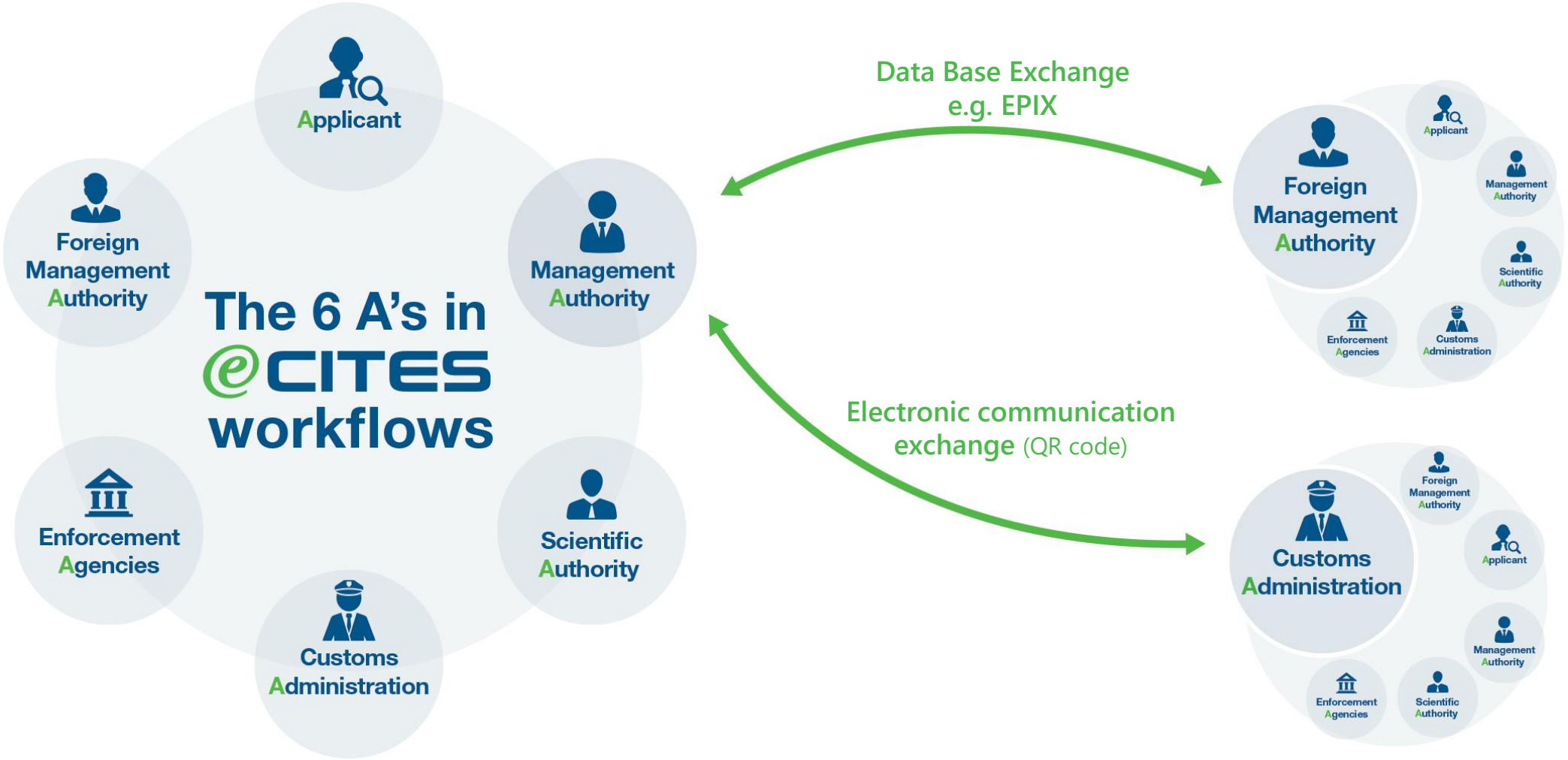
Using state of the art information technology and information management approaches to combat illegal trade in wildlife

Sri Lanka

Mozambique

Feasibility Studies for eCITES implementation

- Cambodia – Feasibility study funded by FAO
- Vanuatu – Feasibility study funded by CITES/US Wildlife


Applicant
Foreign Management Authority
Management Authority
The 6 A's in eCITES workflows
Enforcement Agencies
Scientific Authority
Customs Administration
Data Base Exchange e.g. EPIX
Electronic communication exchange (QR code)
Foreign Management Authority
Applicant
Management Authority
Scientific Authority
Enforcement Agencies
Customs Administration
Customs Administration
Foreign Management Authority
Applicant
Management Authority
Enforcement Agencies
Scientific Authority

ASYCUDA

Automated System for Customs Data

THANK YOU!



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