



UNCTAD / April 2023

ASY HUB

UNCTAD/ASYCUDA solution for clearance
of Postal consignments

ASYCUDA Programme
Division on Technology and Logistics (DTL)



Digital Transformation



Partnership with WCO for simplification and streamlining of the trade procedures

Oct. 2022 - Expanding the decade-long cooperation to include more areas of work



Leveraging data for stronger customs capability

- ▶ Accelerating supply chain digitalization by implementing international standards for data exchange, such as the WCO Data Model
- ▶ Increasing customs data quality and accuracy, streamlining and simplifying data collection
- ▶ Helping customs authorities better manage risks with information technology
- ▶ Developing a harmonized methodology to gather and share customs statistics
- ▶ Facilitating trade by improving consistency and predictability related to cross-border data requirements

WCO DM version 4.0.0

Comprehensive review of the current version -> WCO DM version 4 to be released in June 2023

- **Add support to JSON electronic message format**
- **Add support to OpenAPI interchange protocol**

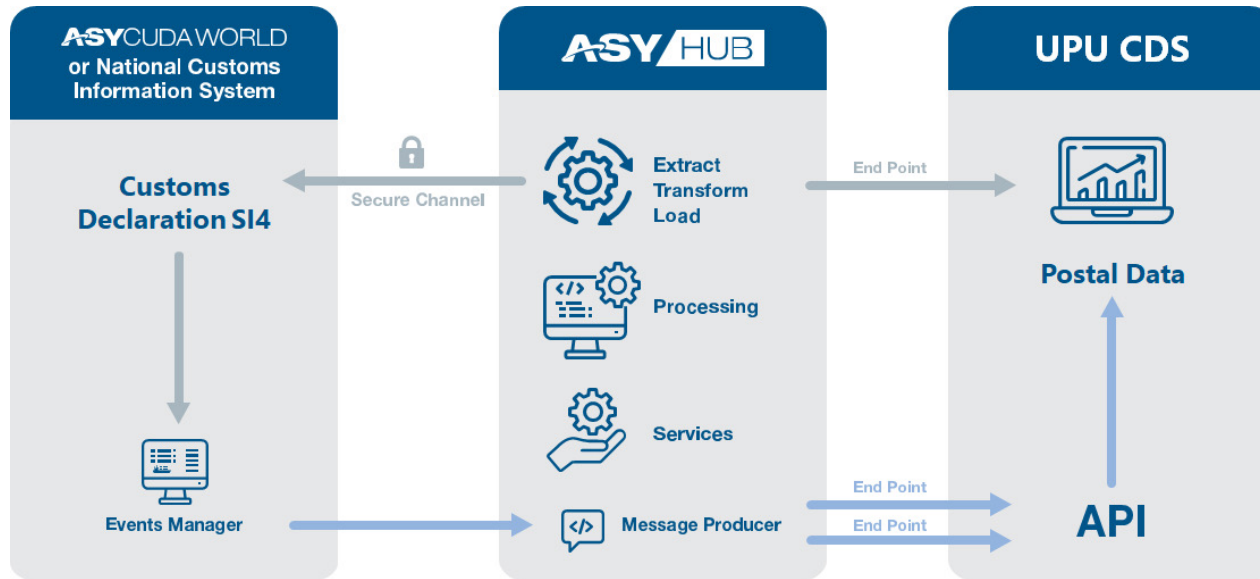


Postal Consignments – Overview



Effective and efficient management of cross-border E-Commerce

Addressing the need for the exchange of electronic advance data (EAD) between Posts (CDS/IPS system) and Customs (ASYHUB/ASYCUDA system) to enable an efficient customs clearance process and the timely delivery of postal items



Ongoing projects:

Cambodia - Swisscontact funded



Georgia - UPU funded



Moldova - EBRD eCommerce Project



Mongolia - EBRD eCommerce Project



Vanuatu - EIF funded





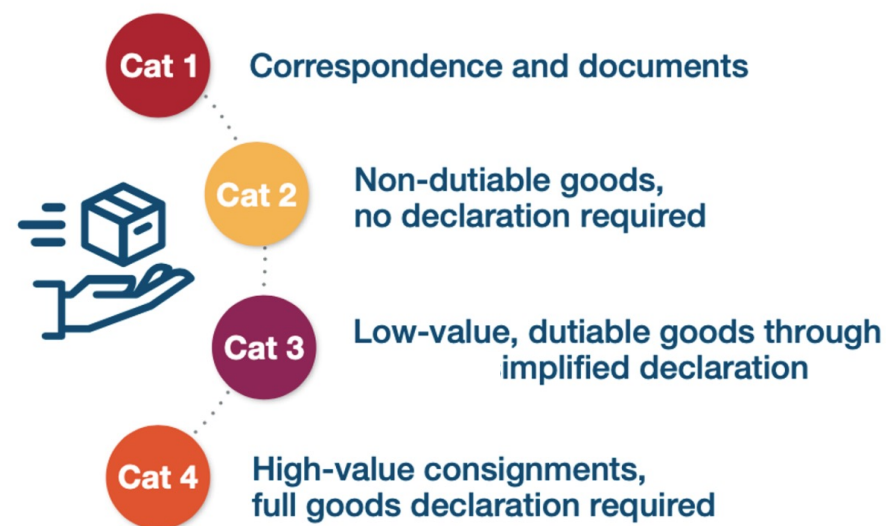
Postal Consignments – Processes



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)





Inbound processes – Prior to arrival and presentation of goods



Electronic Advance Data (EAD) received from Designated Postal Operator CDS system in the form of CUSITM messages

- ▶ CDS.API – Load method to retrieve declarations (electronic version of paper customs declaration forms CN22,CN23,CP72). CUSITM processed in ASYHUB
- ▶ Selectivity criteria set in ASYHUB will trigger pre-arrival risk analysis
- ▶ Upon completion of pre-arrival risk analysis, ASYHUB will trigger automatic categorization of postal consignment, automatic/manual decision on the workflow and types of customs declarations to be used for the clearance of postal consignments i.e.:
 - CN22/23 customs postal declaration processed in ASYHUB,
 - Simplified Declaration (SD) processed in ASYCUDAWorld, or
 - Detailed Declaration (SAD) processed ASYCUDAWorld

Designated Postal Operator



Customs



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Inbound processes – Prior to arrival and presentation of goods



Electronic Customs Response sent by Customs to Designated Postal Operator CDS system in the form of **CUSRSP** messages using the same CDS.API

- ▶ Preliminary customs/OGA decision (prior to arrival)
 - Goods Awaiting Release (Green Standby)
 - Under Customs/OGA Control (Documentary control)
 - Goods Awaiting Control (Examination)
- ▶ Automatic calculation of duties and taxes (estimated amount)

Designated Postal Operator



Customs



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Inbound processes – Upon arrival and presentation of goods



Arrival notification received from Designated Postal Operator IPS system using IPS.API event **30 - Receive item at office of exchange** (equivalent EDI event message **EMC – Arrival at Inbound Office of Exchange**)

- ▶ Arrival and presentation notification will trigger
 - Automatic release of all declarations on Green-standby (CN22/23, SDs and SADs)
 - Initiation of physical examination
 - Calculation of duties and taxes

Electronic Customs Response sent by Customs to Designated Postal Operator CDS system in the form of CUSRSP messages using the same CDS.API

- ▶ Final decision Customs/OGA (upon completion of controls, if any)
 - Goods Released
 - Goods Not Released

Designated Postal Operator



Customs



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Tools to support cross-border e-Commerce flows



ASYCUDA Postal Customs Declaration (cont.)

Automation in decisions



- Assignment of EORI numbers for **e-Vendors**
- **Accuracy and reliability of data** (e-Vendors)
 - HS codes
 - Description and quantity of goods
 - Value of items
- Processing of **structured information** about Customs and OGA Controls/Interventions and Control Results
- Use of **electronic payments**
- Use or **Timers & Reminders**



Postal Consignments – User interface



ASY HUB Platform UI

Postal Consignments | 0ec09f65-51b7-4575-adf1-95de63e46fc5

Postal Cargo / Postal Consignments / View / 0ec09f65-51b7-4575-adf1-95de63e46fc5

Status: New | Created
Created At: 02/10/2022 20:37:22
Updated At: 02/10/2022 20:37:22
Created/Updated By: server

General

Item ID	EP450012784NZ	Originator	VUA VUA
Posting Date	30/09/2022	Loading Place	NZA New Zealand
Nature	IMPORT	Total Value	90 NZD

Parties

Sender

Name	Eori No.	Provider Ref.
STEPHEN KUAI
Address	Email	Telephone
17 Pukehina ROAD, 3189, PUKEHINA, New Zealand	...	006402040474463

Content Pieces

No ↑	HS Code	Packages	Net Weight (kg)	Amount	Currency ↑	Description
1	620343	20	4.4	20	NZD	Clothing/habits
2	630130	1	3.8	30	NZD	Fabric/Textile

Item No. 1

Item Details

HS Code	750511	Commodity Code	...	Description of Goods	Nickel/Nickel
Net Weight (kg)	0.2	Packages	1 PP Piece	Value	5 USD

Originator: VUA | VUA
Provider: UPU
Provider Consignment ID: f7fed8fc-a6e4-ec11-b77b-0050568a00c2
Discharge Place: MIA | Myanmar
LETTER

Origin: Ingzhi Tieshan Road, 266400, QING DAO SHI, CN, China
Destination: 06, LUGANVILLE, VU, Vanuatu

Content Pieces

No	HS Code	Packages	Net Weight (kg)	Amount	Currency	Description
1	750511	1	0.2	5	USD	Nickel/Nickel

ASYHUB - UNCTAD ASYCUDA Programme © 2022 – ASYHUB UI. Implemented By UNCTAD/DTL/ASYCUDA



ASYCUDA – CDS/IPS interface implementation in Vanuatu



ASYCUDA Postal Customs Declaration



Integration and customization of ASYCUDA Postal Customs Declaration to operate in the national ASYCUDAWorld Single Window operational environment for Vanuatu Post Limited (VPL), Vanuatu Department of Customs and Inland Revenue (DCIR) and Department of Biosecurity Vanuatu (DBSV)

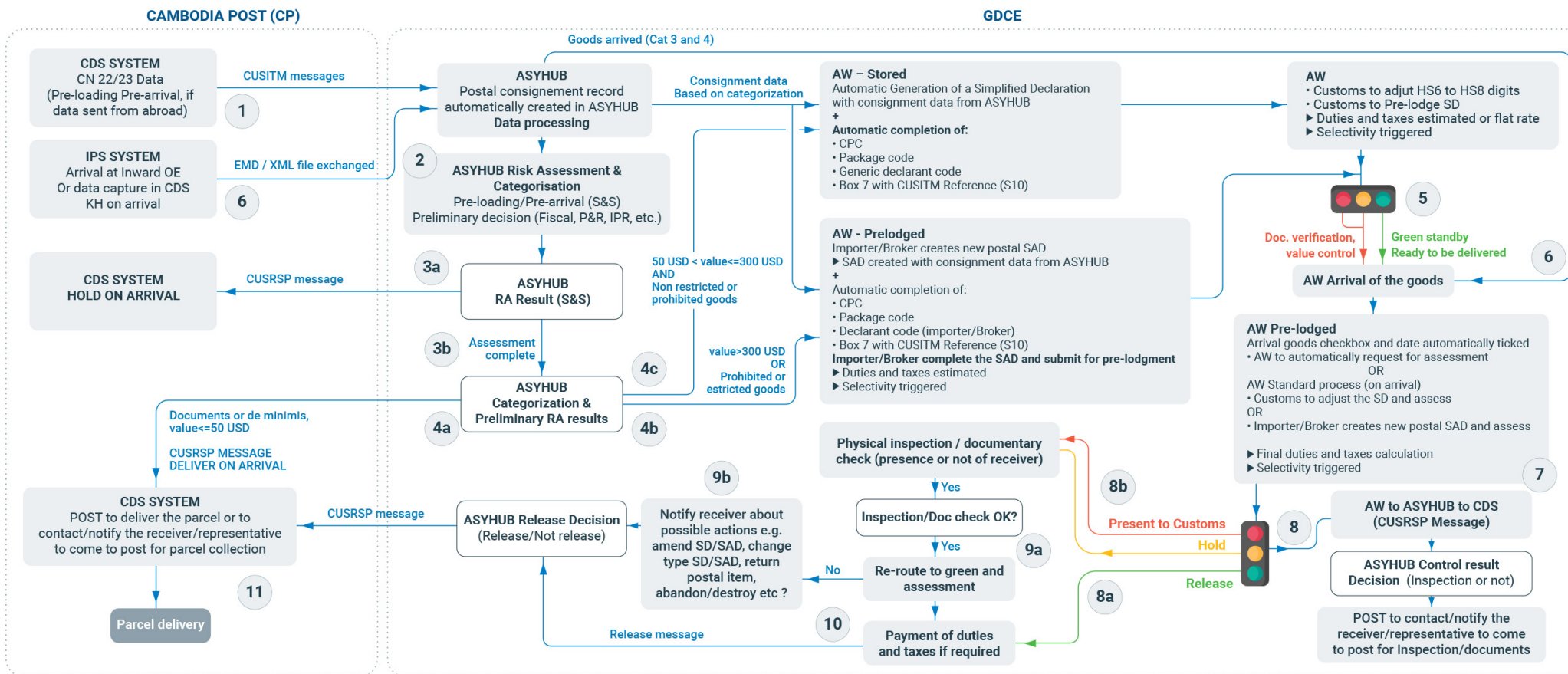
- Customisation of the ASYCUDA Postal Customs Declaration to ensure its full technical and functional compatibility with the operational ASYCUDAWorld version and Single Window
 - **Simplified Customs declaration** (PC4) tailored specifically to postal/e-commerce operations (consignments valued at >5.000 VT and < 10.000 VT)
 - **EAD** - Capability to automatically add national commodity code extensions where no national subdivisions have been defined (00)
 - **EAD** - Capability to update (add national subdivisions) or change declared codes (incorrect tariff classification)
 - **ASYHUB** - Integration of new selectivity functions and variables to introduce risk-management in relation with the Postal Customs Declaration at different stages (pre-departure / pre-arrival on EAD or during clearance process on PC4, as applicable). Provision of clear instructions to the Customs staff on the type(s) of control/ intervention and instructions on how the control should be performed



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



Postal Consignment Diagram Flow - Inbound (Cambodia)

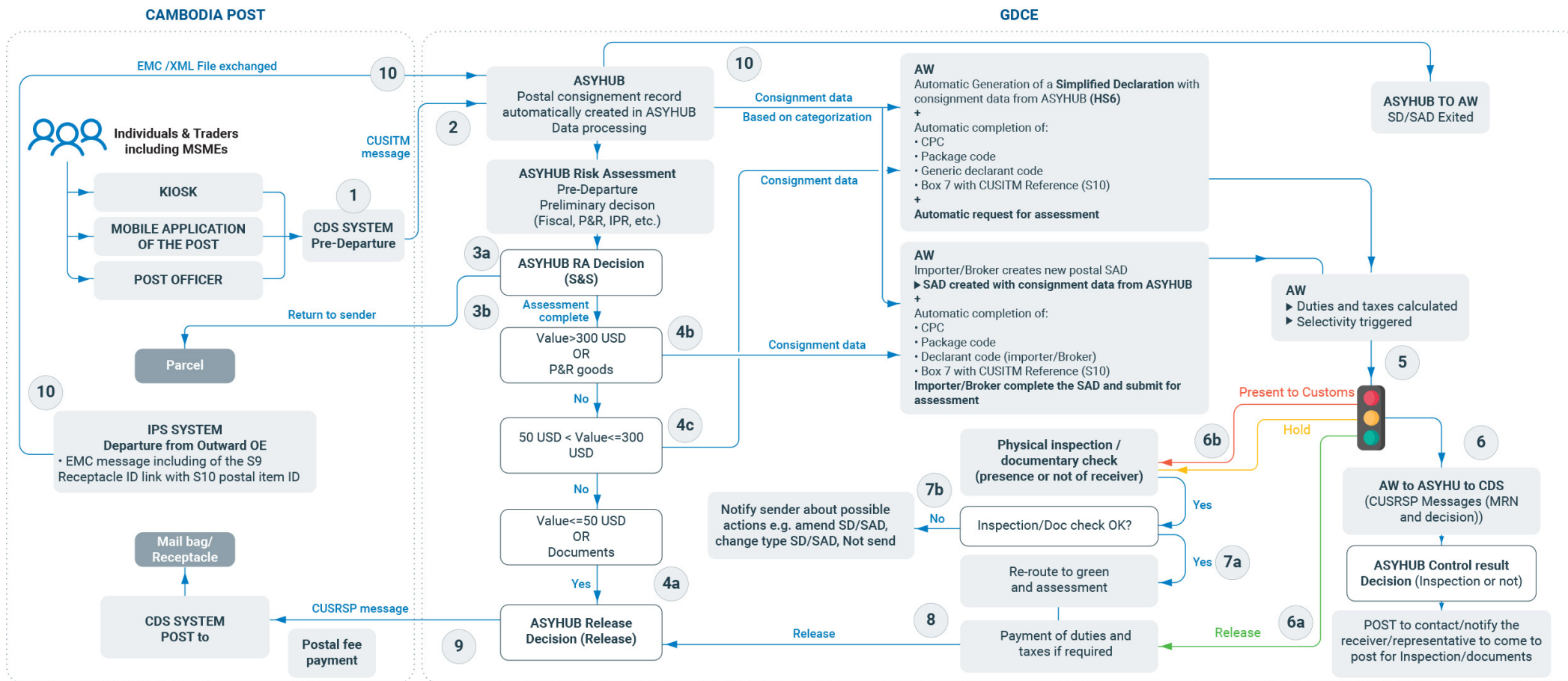




Postal Consignments - Pre-Arrival processing (7.1) & Risk Management (7.4)



Postal Consignment Diagram Flow - Outbound (Cambodia)





Main challenges



Regulatory framework

- ▶ **Data Sharing Agreement (DSA)** for the electronic exchange of customs data between the Post and Customs
 - Implementing appropriate safeguards to cover the transfer of **personal data** relating to cross-border postal items
- ▶ **Data Exchange protocols**
 - Implementing appropriate standards for message exchanges e.g. S-FTP (push method) vs CDS.API (currently pull method)
- ▶ **Data requirements for LVCs (electronic CN22/23 and Simplified declaration)**
 - HS code (not provided by Sender)
 - Thresholds and identification of category of Senders/Recipients (B2B, B2C , C2C)

ASYCUDA
Automated System for Customs Data

ASYCUDA
40
YEARS

THANK YOU!
QUESTIONS & ANSWERS



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ASY HUB

