UPU Initiatives for Digital Solutions in Sustainable Supply Chains

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Post as a critical trade channel

Relation between Trade and Post is strong

1. Economic development
A direct and positive correlation between the postal system maturity of a member country and its economic resilience (7% in a country’s annual GDP)

2. Delivery of goods
Postal services are the backbone for delivering goods, especially for SMEs and e-commerce merchants

The postal network handle 2/3 of cross-border deliveries of parcel items (WBG)

Income from parcels and logistics has been on the rise, surging from 11% in 2005 to over 32% in 2021

Growth in Parcel and Logistics Revenue*
Innovations and Initiatives solutions for a sustainable global supply chain

Green trade

<table>
<thead>
<tr>
<th>Digital inclusion</th>
<th>Paperless trade, as real-time tracking, optimized transportation routes, digital connectivity (connect.post)</th>
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<tbody>
<tr>
<td>PAPER free route</td>
<td>Digitalization of delivery bill</td>
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Interoperability

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<tr>
<th>UNCTAD/ASYCUDA – UPU/CDS</th>
<th>Deployment of WCO CUSITM-CUSRSP based interface between UPU CDS (Customs Declaration System) with UNCTAD’s ASYCUDAWorld system</th>
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<tr>
<td>EAD app</td>
<td>The EAD Check API allows you to check from IPS, CDS, whether an electronic customs declaration, referral, or DNL message exists for the mail item.</td>
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<td>EAD Check</td>
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<tr>
<td>UPU API</td>
<td>Access to UPU standard services to facilitate e-commerce for track and trace, and addressing (JSON / XML)</td>
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Market access to MSMEs

| TradePost                | Enhance the access of MSMEs to e-commerce domestic and global markets                                                   |
Global Postal Model

The UPU provides **technical solutions** for designated operators and carriers to comply with **EAD requirements** and for each flow of the **Global Postal Model**.
EAD-Chek API

EAD Check allows DO and carriers to check that the mail they are sending, receiving or processing in open transit, closed transit or transshipment complies with the EAD requirements.

A mail item identifier (S10) or a receptacle identifier (S9) is submitted to CDS or Quality Control System (QCS) Big Data then the EAD Check API returns an alert for each item that:

- Does not have an **ITMATT**
- Has a **“do not load”** (DNL)
- Has a **“request for screening”** (RFS) or **“request for information”** (RFI), with no response
- Does not have an **“assessment complete”** (ASC)
- No information found
Consider EAD-Chek to enforce EAD when dispatching items and consigning receptacles

EAD Check will help designated operators assess whether an action should be taken before closing the consignment.
**POST*Net and UPU solutions for carriers**

POST*Net is the EDI postal network hosted and managed by the UPU Postal Technology Centre (PTC).

POST*Net is an affordable network available to all actors in the postal supply chain, designated operators and wider postal sector players such as customs, carriers, and ground handlers.

**POST*Net services:**
- POST*Net: exchanges of CARDIT and RESDIT with the designated operators
- CARDIT/RESDIT to Cargo-XML converter
- POST*Net dashboards
- EAD Check API
- ICS2 converter*
- Reports*
- Dashboards on ICS2 conversion and EAD Check*
- Notification system that alerts in case of late referral*

*being implemented