



The International Plant Protection Convention (IPPC)

ISPMs adopted in 2008 and draft ISPMs proposed for adoption in 2009

Julie Allaga, International Standards Program



UNCTAD ASYCER Electronic Phytosanitary Certification System



John David
Division on Technology and Logistics, UNCTAD

June 2016

UNCTAD's Mandate

UNCTAD is the United Nations focal point for the integrated treatment of issues of trade and development, and interrelated issues of investment, finance, technology, etc.

3 pillars of UNCTAD's work :

- Intergovernmental machinery: policy debates (annual meetings, quadrennial conferences ([UNCTAD-14 Ministerial, Nairobi, July 2016](#)))
- Research and analysis (flagship publications on trade, investment, LDC, maritime transport, ITC, statistics; international expert meetings)
- Technical assistance (WTO accession and post-accession, improvement of trade, investment & competition policies, green economy, biodiversity, trade facilitation, Customs modernization, debt management, ports management etc.)

UNCTAD ASYCUDA Programme Today

- **30 years of experience**
- **95 implementations in all regions of the world**
- **60+ active projects**
- **8 regional support centers**
- **70.000 trained ASYCUDA users**
- **15.000.000 customs operations per year**
- **50.000.000 transactions annually**
- **Collaboration with other agencies and organisation**
- **De-facto international standard of Customs reforms**



UNCTAD ASYCUDA Programme Today

- **Afghanistan** “Customs revenue soared from 50 million \$ in 2003 to 950 million \$ in 2011 - 2,000% increase. Decrease of waiting time at Torkham to 1,5 hour, down from 18 hours in 2003” (WB Evaluation Report 2011)
- “**Albania** reduced time needed for customs clearance for imports by implementing ASYCUDAWorld electronic data interchange system” (WB Doing Business 2010)
- “**Bangladesh** made trading across borders easier by implementing a fully automated computerised data management system ASYCUDA” (WB Doing Business 2015)
- “**Belize** reduced time to export and import by implementing ASYCUDAWorld” (WB Doing Business 2013)
- “**Dominica** reduced time to import by implementing ASYCUDAWorld” (WB Doing Business 2013)
- “**Gambia** made trading across borders faster by implementing ASYCUDA” (WB Doing Business 2012)
- “**Georgia** reduced the cost of trade and simplified documentation for exporting and importing” (WB DB 2010)
- “**Granada** reduced time to export and import by implementing ASYCUDAWorld” (WB Doing Business 2013)
- “**Haiti** speeded up the clearance of goods through customs by implementing ASYCUDA system “ (WB DB 2010)
- “**Jordan** reduced time for exporting and importing...by fully implementing ASYCUDAWorld” (WB DB 2013)
- “**Lao DPR** reduced time to import by implementing ASYCUDAWorld system” (WB Doing Business 2013)
- “**Mali** made trading across borders easier by implementing electronic data interchange system (WB DB 2010)
- “**Rwanda** made trading across borders easier by introducing an electronic Single Window system at the border” (WB Doing Business 2014)
- “**Seychelles** made trading across borders faster by introducing electronic submission of customs documents ” (WB DB 2014)
- “**Sierra Leone** made trading across borders faster by implementing ASYCUDA” (WB Doing Business 2012)
- “**Sri Lanka** reduced time to export and import by implementing ASYCUDAWorld” (WB Doing Business 2013)
- “**St.Lucia** made trading across borders easier by implementing ASYCUDA World” (WB Doing Business 2015)
- “**Trinidad and Tobago** reduced time to export and import by luncjing ASYCUDAWorld (WB DB 2013)
- “**Uganda** made trading across borders easier by implementing ASYCUDA World” (WB Doing Business 2015)

UNCTAD ASYCUDA Technical Assistance Principles

- Partnership, non-commercial relationships with member-states
- Full ownership of beneficiary countries of their national systems;
- ASYCUDA products with source code are provided to beneficiary countries free-of-charge within technical assistance projects;
- Project budgets are calculated on cost-recovery basis, at standard UN rates;
- Technological and functional trainings of national teams is the core;
- Training of trainers for end-users;
- Modernization and harmonization of Customs legislation and procedures;
- Customization, piloting and rollout - jointly by UNCTAD experts and national teams;
- Administration and maintenance of national systems - by trained national teams;
- Free-of-charge remote technical support from UNCTAD;
- Free-of-charge system updates/new releases;
- Possibility to receive technical support from ASYCUDA regional centers

Extending ASYCUDA e-Customs to Single Window

- Facilitating the implementation of regulatory requirements for cross-border movement of goods
- Providing trade and transport operators with a single interface for receiving information and submission of all required documents
- Streamlining inter-agencies processes and controls
- Improving efficiency of data exchange between agencies
- Common electronic solutions for accompanying e-documents
- Moving to a fully paperless environment and e-government
- Taking on board international recommendations and best practices (UNECE, WCO, the EU)
- Goal: faster processing, transparency, fewer delays and uncertainty, lower barriers to trade, fit into e-government efforts -> CUSTOMS-CENTRIC SINGLE WINDOW

UNECE Recommendation # 33

- When implementing a Single Window, governments and trade are strongly encouraged to consider the use of existing recommendations, standards and tools that have been developed by intergovernmental agencies and international organizations such as UNECE, UNCTAD, WCO, IMO, ICAO and the ICC.
- The use of standards and available tools will help ensure that the systems developed to implement the Single Window are more likely to be compatible with similar developments in other countries, and could also help in the exchange of information between such facilities over time.
- Annex D Tools available to assist in implementing Single Window

"ASYCUDA is fully compliant with international codes and standards developed by ISO, WCO and the UN. ASYCUDA can be configured to suit the national characteristics of individual Customs regimes, national tariffs and legislation. The system also provides for EDI between traders and Customs using EDIFACT rules. The most recent Web-based version of ASYCUDA will allow Customs administrators and traders to handle most of their transactions via the Internet. The new e-Customs platform, dubbed ASYCUDAWorld, will be particularly useful to developing countries, where poor fixed-line telecommunications are a major problem for e-government applications. It is also powerful enough to accommodate the operational and managerial needs of Customs operations in any developed country"

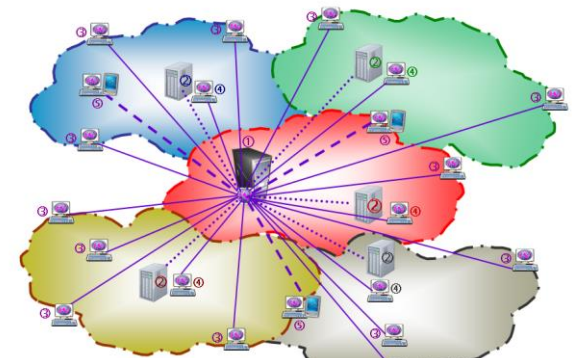
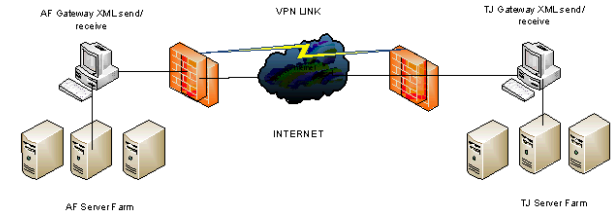
ASYCUDA Single Window Components

- E-portal – Single Electronic Access Point
- Multi-agency pre-arrival controls of goods and passengers (Customs, border police/Immigration, port authorities)
- E-licenses/e-certificates (Customs, other governmental agencies)
- E-payment (Customs, Central Bank, Treasury, banks)
- E-excise (Customs, taxation authorities, financial police)
- Quota management (Customs, ministry of economy)
- Vehicle import control (Customs, ministry of interiors, road police)
- Wastes control (Customs, ministries of environment)
- Controlled goods/international conventions (Customs, ministry of environment, culture, etc.)
- Duty-free goods, diplomatic missions (Customs, MFA)
- Multi-agency risk management including valuation control



ASYCUDA Cross-border data exchange

- Bilateral data exchange (ASYCUDA-ASYCUDA or non-ASYCUDA)
- Regional transit (CEMAC);
- Data exchange with international organizations
- (ongoing or already in place)
 - TIR of IRU
 - IPAS of WIPO,
 - DTCA digital coding,
 - UNODC-WCO container control programme;
 - iPIC of UNEP Ozone Action
 - LogiK of OCHA



© - Regional AW Transit Server
 © - National Customs IT Systems (exchanging data with the Regional AW Transit System)
 © - AW Transit clients (at the external border of the Customs Union and in the inland Customs Offices)
 © - AW Transit Clients in each national Customs HQ (for monitoring of transit operations, riskmanagement, statistics etc)
 © - AW Transit light desktop and ultra-light (PDAs, etc) for en-route controls, riskmanagement etc.



LogiK ONLINE DATABASE

for cross-border movement of emergency relief items

WHAT IS LogiK?
<http://logik.unocha.org>



When disasters strike, in-aid emergency relief items are sent from around the world. Until now, there has been no way to centrally record international contributions of humanitarian relief items. To fill this gap, OCHA created LogiK (Logistics In-kind) – a free online database that records these contributions. It gathers logistics information such as the sender, the origin, the destination and the details of the items. LogiK also allows users to produce analytical reports about in-kind assistance.



4W INFORMATION

Who is dispatching
 What Where
 When Where

CONTRIBUTIONS

COMMON RELIEF ITEMS:

- Medical supplies
- Foodstuffs
- Blankets
- Shelter materials
- Personal hygiene kits
- Water purification tablets
- First aid kits
- Tools
- Construction materials
- Power generators
- Communication equipment
- Other relief items

OCHA

ASYCER – an ASYCUDA Single Window component

Political context

- Development (SDG, food security, market access for developing countries, support to SME, strengthening of trade infrastructure);
- Trade facilitation (streamlined and transparent procedures, expedient goods release, border agencies cooperation, perishable goods etc.);
- Single Window (paperless supporting documents, streamlining of front-office and back-office processes, controlling agencies interaction & data exchange);
- ICT access (accessibility of modern ICT tools for trading community; automation of governmental entities, technology transfer);
- Need for quick wins for developing countries

Pre-requisites

- Demand from developing countries and LDCs;
- International norms and standards (IPPC/FAO, WTO);
- Donor support (the Kingdom of the Netherlands);
- Technology and expertise (CLIENT-NL and ASYCUDAWorld UNCTAD)

ASYCER – an ASYCUDA Single Window component

- Profiled submission, processing, issuance and control of e- certificates;
- Export certificates, Plant import permits ;
- Specific reference tables (e.g. commodity types, botanical names etc.);
- User account management;
- e-portal - single electronic access point;
- Linking with customs declaration processing for regular clearance;
- Multi-agency risk management (selectivity, sampling);
- Payment of fees;
- Document tracking and audit;
- Generation of standard XML for exchange

ASYCER – an ASYCUDA Single Window component

- Implementation through UNCTAD technical assistance framework;
- Identification of beneficiaries and donors;
- Negotiating/signing project agreements;
- Activities can start 30 days after funds arrival;
- Training of national teams how to customize, maintain & update the system;
- Training the trainers for end-users;
- Customization of national prototype;
- Testing, piloting (HQ and selected field offices), fine-tuning;
- Roll-out in all automated regional and field offices;
- End-project: the system is fully operational at the national level;
- Post-project technical support is carried out by national teams;
- Evaluation of impact by UNCTAD/donors;

Electronic Phytosanitary Certificate (Export)

ASYCER e-Portal


The screenshot shows the ASYCUDA e-Portal interface within an Internet Explorer browser window. The browser's address bar displays the URL `http://172.17.0.15:8081/etawclient/`. The page features a header with the ASYCUDA logo (United Nations UNCTAD) and a background image of a green agricultural field. A central image shows a white airplane in flight. Below this, a green box contains the text: "High quality export certificates. The system will deliver higher quality export certificates, with less chance of errors in the production process. This will contribute to the reputation of Ethiopia as a major exporting country." To the right, three sections describe the system's compatibility: "Full Desktop" (Java-enabled desktops), "Rich Internet Application Desktop" (RIA interface), and "Light Desktop" (light version for mobile devices). At the bottom, a notification bar states "The ASYCert.jnlp download has completed." with buttons for "Open", "Open folder", and "View downloads". The Windows taskbar at the bottom shows various application icons.

Electronic Phytosanitary Certificate (Export)

Reference database

Company - Edit -> The data which is valid from now

File Edit View Rows Viewpoint Help



Code	Name	Address line 1	Address line 2	Address line 3	Address line 4	Telephone	Fax	Telex	Active	Valid From	Valid To
0003067301	Hurburg Rose Plc	P.O Box 425, Zway...							1	05/03/2013	
1212121212	abc	ab	124						1	09/03/2013	
0000022222	abebe chane	arada sub city	arat kiolo			251141516	251154547		1	11/03/2013	
0303030303	quar	add1	add2	add3		12456	12456	hack@yahoo.com	1	13/03/2013	
0000033333	attempt	add1	add2			123456	123456		1	14/03/2013	
0505050505	attempt2	att1	att2	att3	att4	123456	123456	hack@yahoo.com	1	04/04/2013	
1111111111	test company								1	08/04/2013	

Flat viewpoint

Last restrictions:

Display history

Action:

Load the view

Restrictions:

The data which is valid from now

By time

Valid from now

Date interval

Companies

Code	Valid From	Valid To
1111111111	08-Apr-2013	

Name: test company

Address 1: test address

Address 2:

Address 3:

E-mail:

Active: Yes

Electronic Phytosanitary Certificate (Export)

Financial account management

The screenshot displays the 'ETHIOePCS - IONC' web application interface. The main window is titled 'Fee account management - New [1111111111]' and shows the 'Prepayment Fee Account' management screen. The interface includes a header with the system name and logo, and a sidebar with a 'Document library' menu.

Prepayment Fee Account

Account Reference: 1111111111

Exporter Code: 1111111111

Name and Address: test company, test address

Valid From: 08-Apr-2013, To: []

Status: Suspended

Bank Information:

Bank account number	Bank Code	Branch Code
[]	[]	[]

Additional Information: []

Document library menu:

- ETHIOePCS
 - Integrated Tariff
 - References
 - System Configuration
 - System Supervision
 - International Norms
 - Single Window
 - Agriculture
 - Certification
 - Accounting and Pay
 - Crediting fee acc
 - Daybook
 - Debiting fee acc
 - Fee account man
 - Phyto-sanitary Cert
 - References
- System Administration
- System design

- My Profile

Screen Shot 2013-04-08 at 9:54:51 AM.jpg
Type: JPEG Image
Size: 293 KB
Dimension: 2000 x 1250 pixels

Electronic Phytosanitary Certificate (Export)

Criteria

PSC criteria at export - New [Cut flowers and branches]

File Edit View Help

ETHIOePCS
Ethiopian Electronic Phyto-Sanitary Certification System

Phytosanitary Certificate Criterion

Criterion Reference	test	
Criterion Description	test criteria	
Start Date	08/04/2013	End date
Destination Country	NL	Netherlands
Mandatory Inspection	<input checked="" type="checkbox"/>	
Commodity Category	Cut flowers and branches	
Commodity Type	Carnation cut flowers	
Place of origin		
Mandatory Inspection	<input type="checkbox"/>	
Package type		Risk <input type="checkbox"/>
Actions / Safeguards	Document control of consignment that 10% of motherstock was inspected and found free from CSVD Control of consignment that 10% of motherstock was inspected and found free from CSVD	

Message

Create is done.

Yes

PSC

Document library PSC criteria at exp...

Electronic Phytosanitary Certificate (Import)

National importation requirements

Phytosanitary requirement				Packaging information																					
Category	Controlled			Code	Description	Indicator																			
Code	NARCISSUS SPP BULBS CONTROLLED			Package		All / Any																			
Name	Narcissus spp list of species that are permitted																								
Product information				Intended use																					
Produce	NARSS	Underground organs.Narcissus sp.	Indicator	Code	Description	Indicator																			
			Include	Intended u...		All / Any																			
Code	060110	20 000	Indicator	Validity																					
			Include	Valid from	31/03/2015	Valid to																			
Description	?? NARCISE																								
Export country or geographical area				Conditions																					
Area	Code	Description	Indicator	Code	Description																				
	EU	European Union	Include	Condition																					
Country			All / Any	<table border="1"> <thead> <tr> <th>Rnk</th> <th>Code</th> <th>Name</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>AD100</td> <td>ADSpecies listing for Narcissus spp</td> </tr> <tr> <td>2</td> <td>D100</td> <td>Documentary req. Import Permit</td> </tr> <tr> <td>3</td> <td>D900</td> <td>Doc. req. Phytosanitary certificate</td> </tr> <tr> <td>4</td> <td>NC10</td> <td>Non-Commercial - Bulbs Dried</td> </tr> <tr> <td>5</td> <td>T100</td> <td>Methyl Bromide fumigation</td> </tr> </tbody> </table>				Rnk	Code	Name	1	AD100	ADSpecies listing for Narcissus spp	2	D100	Documentary req. Import Permit	3	D900	Doc. req. Phytosanitary certificate	4	NC10	Non-Commercial - Bulbs Dried	5	T100	Methyl Bromide fumigation
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5	T100	Methyl Bromide fumigation																							
Country of origin or geographical area																									
Area	Code	Description	Indicator																						
			All / Any																						
Country			All / Any																						

Electronic Phytosanitary Certificate

Risk Management

ASycER

Interventions Management

Administration UGDCR

Code FRVFRASS

Name Reduced level strawberries

Country of Origin or Geographical Area All/Any

Commodity Information

Code 081010

Description Strawberries

Country of Origin or Geographical Area EU

Trade Movement

Flow Import

Validity

Valid from 28/06/2015

Model of Declaration

Gen. proc. 4

Model IM

Description Entry for home use

Customs Procedure

Code 40

Description Entry for home use

Packaging Information

Package All/Any

Documentation

Reduced level of physical checks

Expected Lanes

Red	Yellow	Blue	Green
40	0	0	60

Sampling Plan

Code	Name
HD001	Inspection Plan confidence level 9

Interventions

#	Code	Name
1	PP001	Physical check

Inspection Plan / Examination Level

Code HD001

Valid From 01/05/2015

Valid To

Population size, from 11

Population size, to 20

Sample size

OGA's Intervention

Code PP001

Valid From 01/05/2015

Valid To

Description Physical check

Description 2

Description 3

Administration UGDCR

- ✓ RISK PROFILES BASED ON COUNTRY OF ORIGIN AND PRODUCT
- ✓ AUTOMATIC SELECTION OF GOODS TO BE INSPECTED, SAMPLE SIZE AND THE TYPE OF INTERVENTION

Electronic Phytosanitary Certificate

Authorised Quantity Management Write-off

The screenshot displays the ASYCUDAWorld application interface. The left sidebar shows a document library with categories like ASYCUDA, Agriculture, Food, Health, and References. The main window is titled 'PIP Write-off - View [UGN1022015000025]' and contains the following information:

ASYCER

SPS WRITE-OFF

Document Identification Data			Economic Operator	
Year	Type	Reference	Code	600231660005
2015	PIP	UGN1022015000025	Name	REMA DOO
Administration				
Code	Name		Address	
UGDCR	Directorate Crop Resources		BRÄKO DISTRIKT BIH DEJTONSKA 11	

Ope. type	Ext. type	Ope. date	Doc. nbr.	Doc. ser.	Doc. year	Doc. date	Doc. type	Commodity...	UOM code	Ini. sup.	Upd. sup.	Cty. orig.	Cty. exp.
SUB	SADASS	2015-07-31	54	C	2015		SAD	06011030000	NAR	100000	750	NL	NL

Buttons: View SAD

Document Item Transactions

Way Forward

- ASYCER implementation in other pilot countries
- Extending the scope of coverage of agricultural products;
- Extending multi-agency risk management features;
- Achieving integration with Customs IT system in SW;
- Moving towards a fully paperless environment;
- Practical implementation of IPPC XML messaging;
- Further ASYCER extension to cover veterinary certificates;
- Continuing the dialogue with international partners (WTO, IPPC/FAO, WB/IFC);
- Development of innovative solutions based on ASYCER (UNCTAD-CITES/UNEP);
- Experience sharing at a national, regional and international level;
- Promoting the dialogue between government and business



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ISPMs adopted in 2008 and draft ISPMs proposed for adoption in 2009

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Thank you



John Davod John.David@unctad.org
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