



UNNExT Workshops on Trade Facilitation

UNNExT Workshop on Trade Facilitation and
Paperless Systems for Agrifood Products

Almaty, Kazakhstan
4-6 May 2015



The International Plant Protection Convention (IPPC)

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

Julie Allaga, International Standards Program



ASYCER Electronic Phytosanitary Certificate Электронный фитосанитарный сертификат



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Almaty, Kazakhstan

International Plant Protection Convention (IPPC)

IPPC Commission of Phytosanitary Measures

- protecting sustainable agriculture and enhancing global food security through prevention of pest spread;
- facilitating economic and trade development through the promotion of harmonized scientifically based phytosanitary measures;
- developing phytosanitary capacity for members;
- facilitating trade through International Standards that regulate the safe movements of plants and plant products.

International Standards for Phytosanitary Measures

- **ISPM 12** (2001) Phytosanitary certificates guidelines
- ISPM 11, 21 (2004) Risk analysis
- ISPM 23 (2004) Inspection guidelines



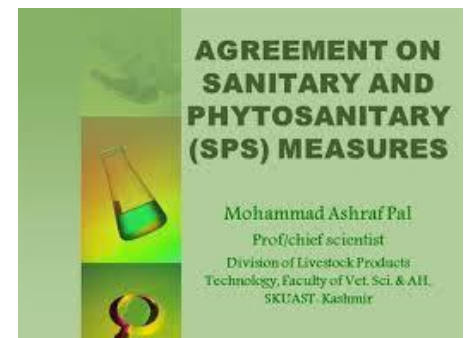
IPPC E-Phyto Working Group

- Development of a global e-phytosanitary certification system;
- Elaboration of an international e-Phyto document standard, basing on existing existing international standards (UN/CEFACT, UN/LOCODE, ISO);
- Voluntary data exchange with central international hub ;
- Secure and confidential environment (UN/CEFACT encryption system)
- No need for bilateral arrangements in a future;
- Summarising Identifying national best practices (Canada, Republic of Korea, the US, Netherlands, Kenya, New Zealand);
- Building capacity of developing countries



WTO Committee on Sanitary and Phytosanitary Measures (SPS)

- Oversees the implementation of the SPS Agreement;
- Develops procedures and guidelines for governments;
- Promotes the transparency obligations of the SPS Agreement;
- Develops procedures to monitor the use of international standards;
- Promotes non-discriminatory decision-making for trade;
- Discusses aid to developing countries in implementing SPS Agreement.



ASYCER - Joint UNCTAD-Netherlands Project

ASYCER Electronic Phytosanitary Certificate The Kingdom of the Netherlands and UNCTAD:



- Financial support of the Dutch Government
- Knowledge transfer (NL CLIENT export control system)
- High level expertise (Dutch experience in Kenia and China)
- UNCTAD ASYCUDAWorld state-of-art technology
- Dedicated joint ASYCER Team
- Commitment of the piloting country (Ethiopia)

ASYCER - Joint UNCTAD-Netherlands Project

ASYCER Electronic Phytosanitary Certificate The Kingdom of the Netherlands and UNCTAD:



aimed to provide two main services:

- (i) B2G – submission, processing and issuance of e-Phytosanitary Certificate application at the national level;
- (ii) G2G – Transfer of the E-Phytosanitary Certificate data across borders from the exporting country to the importing country

Electronic Phytosanitary Certificate (Import)

Export component

- ✓ **ASYCER Phytosanitary Export Certificate**– Submission, Evaluation, Processing, issuance and use of a valid Certificate
- ✓ **Third Countries Phytosanitary Requirements** – Country and commodity specific requirements
- ✓ **Accounting and Payments**– Fees and charges Processing
- ✓ **SAD – ExCert** – Automatic verification and acceptance of Certificates

Electronic Phytosanitary Certificate (Export)

IPPC Model Paper Phytosanitary Certificate ISPM12

No. _____

Plant Protection Organization of _____

TO: Plant Protection Organization(s) of _____

I. Description of Consignment

Name and address of exporter: _____

Declared name and address of consignee: _____

Number and description of packages: _____

Distinguishing marks: _____

Place of origin: _____

Declared means of conveyance: _____

Declared point of entry: _____

Name of produce and quantity declared: _____

Botanical name of plants: _____

This is to certify that the plants, plant products or other regulated articles described herein have been inspected and/or tested according to appropriate official procedures and are considered to be free from the quarantine pests specified by the importing contracting party and to conform with the current phytosanitary requirements of the importing contracting party, including those for regulated non-quarantine pests. They are deemed to be practically free from other pests.*

II. Additional Declaration

III. Disinfestation and/or Disinfection Treatment

Date _____ Treatment _____

Duration and temperature _____

Concentration _____

Additional information _____

(Stamp of Organization)

Chemical (active ingredient) _____

Place of issue _____

Name of authorized officer _____

Date _____

(Signature)

Electronic Phytosanitary Certificate (Export)

Standardized Format (IPPC Guidelines "Mapping ISPM12 to e-PHYTO")

Phytosanitary Certificate	
<p>1. Name and address of Exporter</p> <p>A0000010 <input type="text" value="G78"/></p> <p>Winterthur Insurance Maignac av, 56 1218 Grand Saconnex Switzerland</p>	
<p style="text-align: center;">PHYTOSANITARY CERTIFICATE</p> <p>SERIAL No. <input type="text"/></p> <p style="text-align: center;">ORIGINAL</p> <p>Office <input type="text"/></p>	
<p>3. Declared name and address of consignee</p> <p>Van Der Dam</p> <p>120000, Fleet street 12, Amsterdam</p>	
<p>4. Plant protection service of</p> <p>Switzerland</p> <p>To Plant protection service of</p> <p>Netherlands</p>	
<p>5. Place of origin</p> <p>BERN <input type="text" value="CHBRN"/></p>	
<p>6. Declared name of conveyance</p> <p>Air <input type="text" value="LH-675"/></p>	
<p>7. Declared point of entry</p> <p>AALSMEER <input type="text" value="NLAAM"/></p>	
<p>Total items <input type="text" value="3"/></p> <p>Total packages <input type="text" value="620"/></p> <p>Total net weight <input type="text" value="550.000"/></p>	
<p>8. A - Name of produce; B - Commercial name; C - Distinguished marks; D - Number of packages; E - Description of packages; F - Product category; G - Botanical name; H - Customs code;</p> <p style="text-align: right;">Item Number: <input type="text" value="1"/></p> <p>A <input type="text" value="Rose cut flowers"/></p> <p>B <input type="text" value="Paola"/></p> <p>C <input type="text" value="Brendy"/></p> <p>D/E <input type="text" value="150"/> <input type="text" value="Cartons"/></p> <p>F <input type="text" value="120 Other living plants:Cutflower"/></p> <p>G/H <input type="text" value="Rosa s.p."/> <input type="text" value="06031000"/> <input type="text" value="00"/></p> <p style="text-align: right;">Item Number: <input type="text" value="2"/></p> <p>A <input type="text" value="Chrysanthemum cuttings"/></p> <p>B <input type="text" value="Cristi"/></p> <p>C <input type="text" value="CW"/></p> <p>D/E <input type="text" value="300"/> <input type="text" value="Bulk"/></p> <p>F <input type="text" value="021 Intended for planting:Cuttings"/></p> <p>G/H <input type="text" value="Dendranthemum ap."/> <input type="text" value="06021000"/> <input type="text" value="00"/></p> <p style="text-align: right;">Item Number: <input type="text" value="3"/></p> <p>A <input type="text" value="Rose cut flowers"/></p> <p>B <input type="text" value="Rosy"/></p> <p>C <input type="text" value="UK"/></p> <p>D/E <input type="text" value="170"/> <input type="text" value="Crates"/></p> <p>F <input type="text" value="120 Other living plants:Cutflower"/></p> <p>G/H <input type="text" value="Rosa s.p."/> <input type="text" value="06031000"/> <input type="text" value="00"/></p>	
<p>9. Quantity declared</p> <p>UOM <input type="text" value="APZ"/> <input type="text" value="24.00"/></p> <p>Net weight (Kgs) <input type="text" value="200.00"/></p> <p>UOM <input type="text" value="ASM"/> <input type="text" value="35.00"/></p> <p>Net weight (Kgs) <input type="text" value="150.00"/></p> <p>UOM <input type="text" value="ASM"/> <input type="text" value="46.00"/></p> <p>Net weight (Kgs) <input type="text" value="200.00"/></p>	
<p>10. This is to certify that the plants, plant products or other regulated articles described herein have been inspected and/or tested according to appropriate official procedures and are considered to be free from the quarantine pests specified by the importing contracting party and to conform with the current phytosanitary requirements of the importing contracting party, including those for regulated non-quarantine pests. They are deemed to be practically free from other pests.</p>	
<p>11. Additional declaring</p> <p><input type="text" value="Consign. compl. Annex. IV A. 1. point 45.2 b 2000/29"/></p>	

Electronic Phytosanitary Certificate (Export)

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. Below the header, there is a large image of a white airplane in flight. To the right of the airplane, three sections describe different desktop environments: 'Full Desktop', 'Rich Internet Application Desktop', and 'Light Desktop'. The 'Full Desktop' section states that the ASYCUDA client runs on popular Java-enabled desktops like Windows, Linux, Macintosh, Solaris, and AIX. The 'Rich Internet Application Desktop' section notes that the RIA interface can be run within any browser. The 'Light Desktop' section mentions that a light version is available for light tablet PCs, PDAs, or Smartphones. At the bottom of the page, there is a navigation menu with buttons labeled 01 through 10, where button 09 is highlighted. A download notification bar at the bottom of the browser indicates 'The ASYCert.jnlp download has completed.' The Windows taskbar at the very bottom shows various application icons, including Internet Explorer, Firefox, and several document icons.

Electronic Phytosanitary Certificate (Export)

Exporter's 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)

User accounts management

The screenshot displays the 'ETHIOePCS - ionc' web application interface. The main window title is 'Fee account management - New [1111111111]'. The application header features the logo and text: 'Validate ETHIOePCS Ethiopian Electronic Phyto-Sanitary Certification System'. The main content area is titled 'Prepayment Fee Account' and contains several form sections:

- Account Reference:** 1111111111
- Exporter Code:** 1111111111
- Name and Address:** test company, test address
- Valid From:** 08-Apr-2013
- To:** (empty field)
- Status:** Suspended
- Bank Information:** Bank account number, Bank Code, Branch Code (all empty)
- Additional Information:** (empty text area)

A document library sidebar is visible on the right, showing a tree structure with categories like '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 mar', 'Phyto-sanitary Cert', 'References', 'System Administration', and 'System design'. A 'My Profile' icon is also present.

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)

Reference tables (Importing country 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 (Export)

Creation of e-application

The screenshot shows a Java(TM) Platform SE binary window displaying a Java Web Start dialog box. The dialog box is titled "Java Web Start" and contains the following information:

- Downloading application.**
- Name:** ASYCert
- Publisher:** UNCTAD - ASYCUDA
- From:** http://172.17.0.15:8081

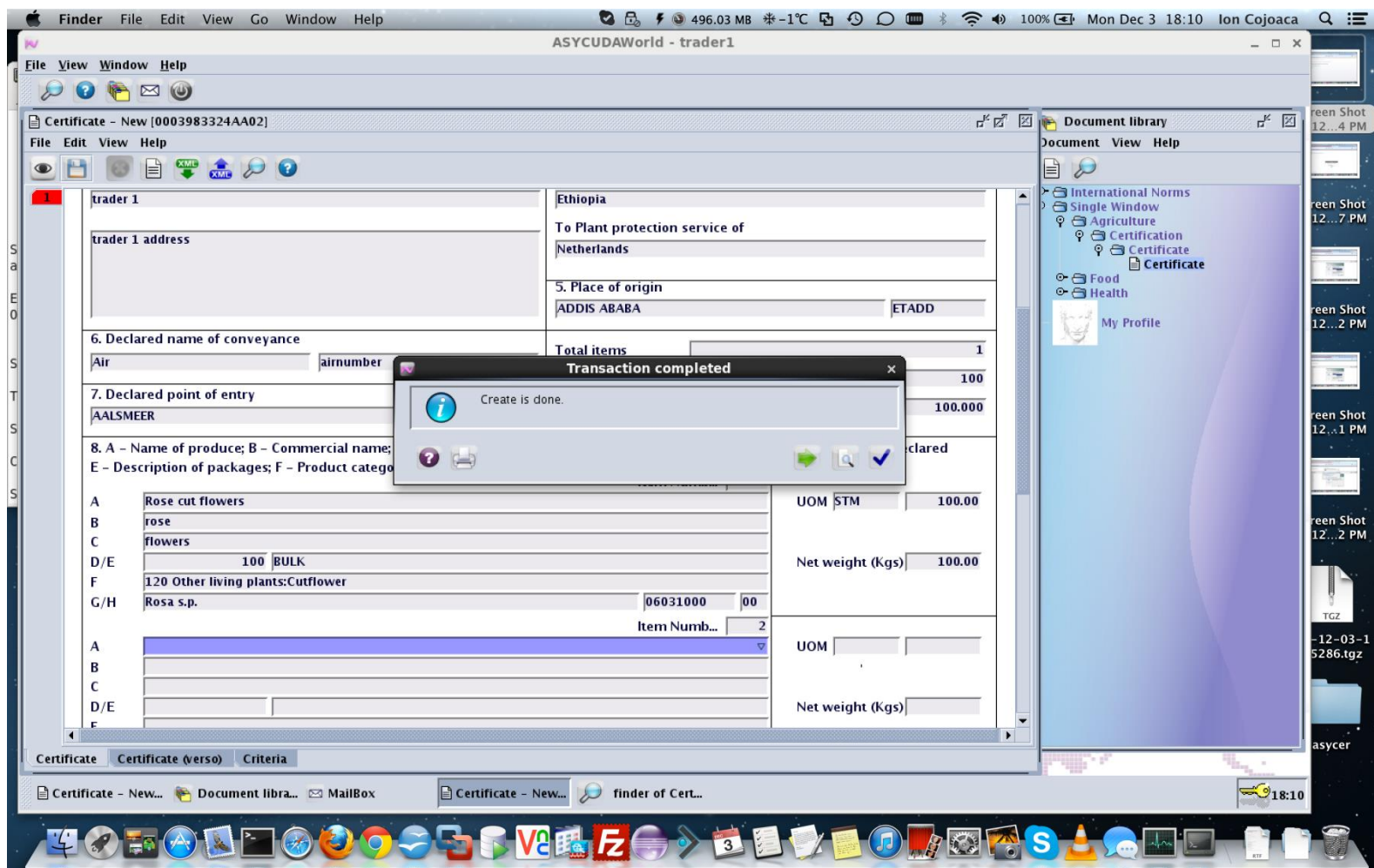
A progress bar is visible below the text, and a "Cancel" button is located at the bottom right of the dialog box. The background of the dialog box shows a green field and a large stack of goods in a warehouse.

The background website is the ASYCUDA portal, featuring the United Nations UNCTAD logo and the text "Applying for certificates will be better incorporated into the logistics of exporting companies. The System will improve the inspection processes of the Ministry of Agriculture, Nature and Food Quality. Applying for certificates will be better incorporated into the logistics of exporting companies. And the complete export process will become more coherent." Below this text is a navigation menu with buttons labeled 01 through 10, where button 08 is highlighted. To the right of the dialog box, there are three sections: "Full Desktop" (with a monitor icon), "Rich Internet Application Desktop" (with a laptop icon), and "Light Desktop" (with a smartphone icon). Each section contains a brief description of the application's capabilities on that platform.

The browser's address bar shows the URL "http://172.17.0.15:8081/etawclient/" and the page title is "ASYCert SAMPLE PORTAL". The system tray at the bottom of the window shows various application icons, including a calendar, a music player, and a network icon.

Electronic Phytosanitary Certificate (Export)

Creation of e-application



Electronic Phytosanitary Certificate (Export)

Data re-use, XML

The screenshot shows the ASYCUDA Phytosanitary Certificate application interface. The main window has a title bar with icons for eye, save, refresh, print, XML, upload XML, search, and help. The header features the ASYCUDA logo and the text "Phytosanitary Certificate". The main content area is divided into sections for data entry:

- 1. Name and address of Exporter:** Includes fields for "A0000010" and "76".
- Winterthur Insurance:** Marignac av, 56, 1218 Grand-Saconnex, Switzerland.
- 3. Declared name and address of:** "Fleurs for you" and "Hague, wz 12009i, Wilton place".
- 6. Declared name of conveyance:** "Air".

An "Open" dialog box is overlaid on the interface, showing the "Look In" folder as "AD_data". The dialog lists a grid of folders with dates from 10Dec2012 to 21Nov2012. The "File Name" field is empty, and the "Files of Type" is set to "XML File (.xml)". The "Open" and "Cancel" buttons are visible at the bottom of the dialog.

Folder Name
10Dec2012
11Dec2012
18Nov2012
19Nov2012
1Dec2012
20Nov2012
21Nov2012
22Nov2012
23Nov2012
24Nov2012
25Nov2012
26Nov2012
27Nov2012
28Nov2012
29Nov2012
30Nov2012
7Dec2012
8Dec2012
9Dec2012
3Dec2012
4Dec2012
5Dec2012
6Dec2012

Electronic Phytosanitary Certificate (Export)

Verification and submission

The screenshot displays the ASYCUDA World interface for a Phytosanitary Certificate. The main window is titled 'Certificate - Amend [0003983324AA02]'. The form is divided into several sections:

- 1. Name and address of Exporter:** Includes the certificate number '0003983324AA02', trader 'tr1', and the name 'PHYTOSANITARY CERTIFICA...'. Below this, the exporter's details are listed: FOAD NEGASH ADELA, 14/670/54322/2004, ADDIS ABABA, ZN-ARADA WR-NO WOREDA-139, KB - 07/08 HN - 672.
- 3. Declared name and address of consignee:** Includes trader 'trader 1' and 'Ethiopia'. The address is 'To Plant protection service of Netherlands'.
- 5. Place of origin:** Includes 'ADDIS ABABA' and 'ETADD'.
- 6. Declared name of conveyance:** Includes 'Air' and 'airnumber'.
- 7. Declared point of entry:** Includes 'AALSMEER' and 'NLAAM'.
- Summary:** Total items: 1, Total packages: 100, Total net weight: 100.000.

A 'Transaction completed' dialog box is overlaid on the form, indicating 'Submit is done.' The desktop background shows a 'Document library' sidebar with categories like 'International Norms', 'Single Window', 'Agriculture', 'Certification', 'Certificate', 'Food', and 'Health'. The system tray at the bottom shows the date 'Mon Dec 3 18:12' and the user 'Ion Cojoaca'.

Electronic Phytosanitary Certificate

Document tracking

The screenshot displays the 'Certificate finder' application window. At the top, a status bar indicates '2 documents found! Please select a document and select an action from the local menu'. Below this is a table with the following data:

Exporter code	Exporter Reference	Certificate number	Issue date	Country code destination
A0000010	C1			NL
A0000010	g6			NL

A 'Detail information' dialog box is open, showing the following details:

- created on: 11/30/12 4:22 PM
- by user: dmitry
- full name: Dmitry Godunov
- owner: D
- locked: no
- from: n/a
- by: n/a
- Current version:

version	status	owner
2	Submitted	D

Below the dialog box is a version history table:

Version#	Date	Status	Transaction	Owner	Who	Signed
2	11/30/12 4:30 PM	Submitted	Submit	D	dmitry	no
1	11/30/12 4:27 PM	Created	Create	D	dmitry	no

Electronic Phytosanitary Certificate (Export)

Processing of e-application by Plant Protection Services

Certificate finder 8 documents found! Please select a document and select an action from the local menu

Exporter code	Exporter Reference	Certificate number	Issue date	Country code destination
A0000010	gd17			NL
A0000010	gd15			NL
A0000010	gd18			NL
A0000010	gd20	44	14/01/2013	NL
A0000010	g6	657890	20/12/2012	NL
A0000010	g7			NL
A0000010	C1			NL
A0000010	gd21			NL

View
Retrieve
Details

- Agriculture
 - Certification
 - Accounting and Payme
 - Crediting fee accou
 - Daybook
 - Debiting fee accou
 - Fee account manag
 - Certificate
 - Attached scanned d
 - Certificate**
 - PSC criterion at exp
 - References
 - Food
 - Health

My Profile

Electronic Phytosanitary Certificate (Export)

Execution of criteria by PPS

ETHIOePPS Record Inspections
Ethiopian Electronic Phyto-Sanitary Certification System

Evaluations and actions list

Item Number	Criterion Reference	Controls matched	Actions	Check List
1	Rosa sp.EC 45.2	Country of destination: Netherlands Commodity Category: Cut flowers and branches Commodity type: Rose cut flowers Place of production: Type of packages:	Inspection of consignment for Benisia tab	<input checked="" type="checkbox"/>
1	Rosa sp.EC HO	Country of destination: Netherlands Commodity Category: Cut flowers and branches Commodity type: Rose cut flowers Place of production: Type of packages:	Inspection of consignments for harmful or	<input checked="" type="checkbox"/>

Comments/Remarks
OK

Phytosanitary Certificate Criterion

Criterion Reference	Rosa sp.EC 45.2
Criterion Description	Rosa sp.Cut flower EC Annex I/II 45.2
Start Date	01/01/2012
Destination Country	NL Netherlands
Mandatory Inspection	<input checked="" type="checkbox"/>
Commodity Category	120 Other living plants:Cutflower

Electronic Phytosanitary Certificate (Export)

Execution of criteria (fumigation)

Attached scanned document - Retrieve [C0000010]

File Edit View Help

ASYCUDA

Attached fumigation Document

Exporter Code: C0000010

Exporter Name: Cazenove SA
Charles Bonnet Road, 78
1224 Chene-Bougerie
Switzerland

Reference

Registered fumigation documents

Reference	Description	File name	Certificate Reference	Used	File progress
C000010	Cazenove SA Charles B...	2012-03-04_00-46-53.sn...		No	33 %

Document library

- ASYCUDA
 - Accounting & Payment
 - Cargo Manifest
 - Goods Clearance
 - Integrated Tariff
 - References
 - Selectivity
 - System Configuration
 - System Supervision
 - Transit
 - Transit Shed
 - Valuation control
 - International Norms
 - Single Window
 - Agriculture
 - Certification
 - Accounting and Payment
 - Crediting fee account
 - Daybook
 - Debiting fee account
 - Fee account management
 - Certificate
 - Attached scanned documents
 - Certificate
 - PSC criterion at export
 - References
 - Actions and safeguards
 - Additional declaration
 - Commodity category
 - Commodity category type
 - Disinfections and disinsectations
 - PPS Offices
 - Food
 - Health
 - System Administration
 - Customer Accounts
 - User Profiles
 - System design

Electronic Phytosanitary Certificate (Export)

Payment processing

Validate payment
ETIUCRCS
Ethiopian Electronic Phyto-Sanitary Certification System

Crediting Pre-payment Account Form

Account Reference 0001505885	Account Holder 0001505885	Customs Office AAA A.A AIR PORT CUSTOMS	
Name and Address LAFTO ROSES PLC KIRKOS SUB CITY WOREDA 2, HOUSE NO		Receipt Identification	Date
		Amount Collected:	100.00

Account Balance	
Previous Balance 40.00	Current Balance 140.00

Means of Payment					
Code	Description	Reference	Certificate Reference	Bank Code	Amount
01	CASH PAYMENT		TEST1234		100.00
▼					0.00
					0.00

General

Document library Phyto-sanitary ... Crediting fee acco...

Electronic Phytosanitary Certificate (Export)

Issuance of electronic Phytosanitary Certificate

Java(TM) Platform SE binary Window Help 502 MB 6°C 82°C 2322rpm 100% Tue Feb 12 19:58 Ion Cojoaca

ASYCUDAWorld - ionc

File View Window Help

Certificate - Print [0024238328AA02]

File Edit View Help

Print

ASYCUDA

Phytosanitary Certificate

1. Name and address of Exporter
0024238328AA02 500
MICHAEL ABATE YESIGATE
14/668/44330/2004
ADDIS ABABA
ZH-GULLELE WR-NO WOREDA-148
KB - 10/11/12 HN - 607

PHYTOSANITARY CERTIFICATE

SERIAL No. 5001

ORIGINAL

Office

3. Declared name and address of consignee
a
aa

4. Plant protection service of
Ethiopia
To Plant protection service of
Netherlands

5. Place of origin
ADDIS ABABA ETADD

6. Declared name of conveyance
Air aa

7. Declared point of entry
BAMIAN AFBIN

Total items 1
Total packages 1
Total net weight 100.000

Administration
file

TRAINING SEF

TRAINING SEF

TRAINING SEF

TRAINING SEF

Certificate Certificate (verso) Criteria

Document library Certificate finder Certificate - Print [...]

19:58

Electronic Phytosanitary Certificate (Export)

Issuance of electronic Phytosanitary Certificate

The screenshot displays a Java application window titled "ETHIOePCS - lafto2". The main window contains a "Phyto-sanitary Certificate finder" interface. At the top, it states "One document found! Please select a document and select an action from the local menu". Below this is a table with the following data:

Exporter code	Exporter Reference	Submit date	Certificate number	Issue date	Country code destination
0001505885	TEST1234	08/04/2013			NL

A notification dialog box titled "ETHIOePCS" is overlaid on the main window, displaying a question mark icon and the text "You have new mail. Do you want to check it now?". The dialog has "Yes" and "No" buttons, with the "Yes" button currently selected.

The background of the desktop features a repeating pattern of the Ethiopian national emblem. The system tray at the bottom shows the date and time as "Mon Apr 8 09:12" and "09:12".

Electronic Phytosanitary Certificate (Export)

Issuance of electronic Phytosanitary Certificate

The screenshot displays a PDF Converter Professional application window with the following content:

1. Name and address of exporter 0024238328AA02 500 MICHAEL ABATE YESIGATE 14/668/44330/2004 ADDIS ABABA ZN-GULLELE WR-NO WOREDA-148	PHYTOSANITARY CERTIFICATE SERIAL n° 5001 ORIGINAL
3. Declared name and address of consignee a aa	4. Plant protection service of Ethiopia To Plant protection service of Netherlands 5. Place of origin ADDIS ABABA ETADD
6. Declared name of conveyance Air aa	Total items 1 Total packages 1 Total net weight 100.0
7. Declared point of entry BAMIAN AFBIN	9. Quantity declared
8. A - Name of produce; B - Commercial name; C - Distinguished marks; D - Number of packages;	

Navigation Panels: 1 of 1, 175%

Electronic Phytosanitary Certificate (Export)

Generation of IPPC - XML Format

Exporter code	Exporter Reference	Certificate number	Issue date	Country code destination
A0000010	gd17			NL
A0000010	gd15			NL
A0000010	gd18			NL
A0000010	gd20	44	14/01/2013	NL
A0000010	g6	657890	20/12/2012	NL
A0000010	g7			NL
A0000010	C1			NL
A0000010	gd21	657	14/01/2013	NL

```
<?xml version="1.0" encoding="UTF-8" ?>
```

```
<ns2:SPSCertificate xmlns="urn:un:unece:uncefact:data:standard:ReusableAggregateBusinessInformationEntity:8"
```

```
xmlns:ns2="urn:un:unece:uncefact:data:standard:SPSCertificate:4">
```

```
<ns2:SPSExchangedDocument>
```

```
<Name>Phytosanitary Certificate</Name>
```

```
<ID>657</ID>
```

```
<Description>Document/message issued by the competent body in the exporting country evidencing that plants, fruit, or vegetables are free from disease and fit for consumption and giving details on fumigation or other treatment to which they may have been subjected</Description>
```

```
<TypeCode>851</TypeCode>
```

```
<StatusCode>70</StatusCode>
```

Electronic Phytosanitary Certificate (Import)

Import component

- ✓ **ASYCER Phytosanitary Import Permit**– Submission, Processing, issuance and use of a Import Permit
- ✓ **National Phytosanitary Import Requirements** – Commodity class and commodity specific requirements
- ✓ **Accounting and Payments**– Permit fees and Inspection charges
- ✓ **SAD – PIP** – Automatic verification and acceptance of Permits, Authorized Quantity management
- ✓ **Risk Analysis and Sampling** – Approved Traders Scheme, Sampling plans

Electronic Phytosanitary Certificate (Import)

Plant Import Permit (PIP) General requirements

- ☑ PIP-AW-GR-VALIDITY- PIP is a long term document and it is valid for a specified period
 - 6 months, 1 year, etc.
- ☑ PIP-AW-GR-SHIPMENTS- PIP can be valid for
 - single shipment or multiple shipments
- ☑ PIP-AW-GR –QUANTITIES- PIP can be valid for
 - multiple shipments and limited quantities or
 - multiple shipments and unlimited quantities
- ☑ PIP-AW-GR –APPLICANTS- PIP can be issued to
 - importers (companies) or travellers (individuals)

- ☑ PIP-AW-GR –CATEGORIES- There are 3 categories of plants and plant produce:
 - Prohibited,
 - Controlled (Regulated),
 - Unrestricted
- ☑ PIP-AW-GR –POINTS OF ENTRY- PIP should allow for multiple points of entry
- ☑ PIP-AW-GR –EXPORTINGCOUNTRY- PIP should allow for multiple countries of export
- ☑ PIP-AW-GR –REQUIREMENTS- PIP should allow for multiple categories of import requirements
 - Packaging requirements,
 - Documentation requirements, e.g.
 - ✓ Import Permit,
 - ✓ Phytosanitary Export Certificate,
 - ✓ Phytosanitary Re-export Certificate,
 - ✓ Additional declaration, Treatment etc.
 - Post entry/End use conditions
 - Phytosanitary inspection

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			All / Any
Code	060110	20 000	Include			
Description	?? NARCISE					
Export country or geographical area			Validity			
Area	Code	Description	Indicator	Valid from	Valid to	
EU		European Union	Include	31/03/2015		
Country			All / Any			
Country of origin or geographical area			Conditions			
Area	Code	Description	Indicator	Condition		
			All / Any			
Country			All / Any			
	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			

Electronic Phytosanitary Certificate

E-Application for Plant Import Permit

ASYCUDAWorld - trader

Plant Import Permit - View [600231070003]

ASYCUDA

Commodity details		
Code	060110	20 000
Descripti...	Narcissi	
Weight	2,000.00	

Product details		
Name of produce	BTRNARSS	Underground organs.Narciss
Product category	BTR	Plants for planting:Undergro
Botanical name	NARSS	Narcissus sp.

Package		
Cod	Description	Quantity
4C	Box, natural wood	

Measurement unit		
Cod	Description	Quantity
NAR	Number of items	1,200.00

Exporter		
Code	600231580001	
Descripti...	LIBADA D.O.O.	
Address	BR&KO DISTRIKT BRANISLAVA NUI&A 5	

Country of export		
Cod	Description	
NL	Netherlands	

Country of origin		
Cod	Description	
NL	Netherlands	

Intended use		
Cod	FP	Description
		For processing

PIP PIP Item

Document library

- ASYCUDA
 - Goods Clearance
 - Declaration
 - Detailed Declaration
 - Detailed Declaration
 - Single Window
 - Agriculture
 - Certification
 - Certificates and Permits
 - Phytosanitary Export Certificate
 - Plant Import Permit**
 - Food
 - Health
- My Profile

Document libra... Plant Import Per... 23:30

Electronic Phytosanitary Certificate (Import)

E-Application for Plant Import Permit

ASYCUDAWorld - trader

File View Window Help

Plant Import Permit - View [600231070003]

File Edit View Help

Cod	Description	Quantity	Cod	Description	Quantity
HC	Box, natural wood		NAR	Number of items	1,200.00

Exporter:

Code: 600231580001

Description: LIBADA D.O.O.

Address: BRĀKO DISTRIKT
BRANISLAVA NUIĀA 5

Country of export:

Cod: NL Description: Netherlands

Country of origin:

Cod: NL Description: Netherlands

Intended use:

Cod: FP Description: For processing

Conditions | **Points of entry**

Cod: Description:

Rnk	Cod	Nam
1	T100	Methyl Bromide fumigation
2	NC10	Non-Commercial - Bulbs Dried
3	D900	Doc. req. Phytosanitary certificate
4	D100	Documentary req. Import Permit
5	AD100	ADSpecies listing for Narcissus spp
6	P100	Requirements for imports using wo...

Cod: Description:

Rnk	CUO. Cod	CUO. Nam	LOC. Cod	LOC. Nam
1	UGBUS	Busia	UGBUS	BUSIA

PIP PIP Item

Document libra... Plant Import Per...

Document library

Document View Help

- ASYCUDA
 - Goods Clearance
 - Declaration
 - Detailed Declaration
 - Detailed Declaration
 - Single Window
 - Agriculture
 - Certification
 - Certificates and Permits
 - Phytosanitary Export Certificate
 - Plant Import Permit
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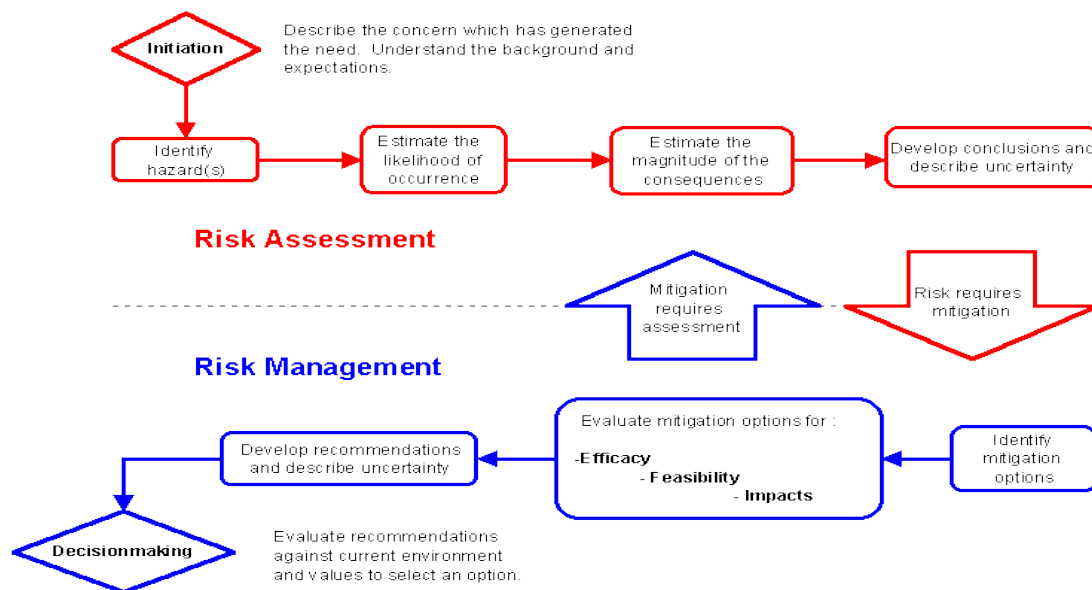
23:30

Electronic Phytosanitary Certificate (Import)

Risk management

- Due regard to specifics of the pest risk assessment;
- International standards and best practices (IPPC, EU, Netherlands);
- Non-discriminatory approach in risk management (Art.3 of WTO SPS);
- Real-time processing, minimum delay for traders;
- Feedback to Customs risk management

A Process Overview for Pest Risk Analysis



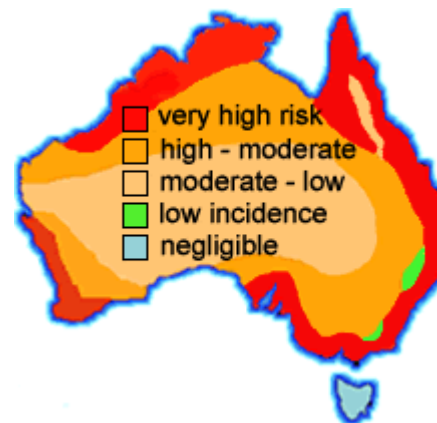
Electronic Phytosanitary Certificate (Import)

Risk management

Probability

vs

Impact



WTO SPS Agreement (Annex A p.4)

Risk assessment - The evaluation of the likelihood of entry, establishment or spread of a pest or disease within the territory of an importing Member according to the sanitary or phytosanitary measures which might be applied, and of the associated potential biological and economic consequences; or the evaluation of the potential for adverse effects on human or animal health arising from the presence of additives, contaminants, toxins or disease-causing organisms in food, beverages or feedstuffs

ISO 31000

Риск – эффект неопределенности, который может вызвать негативное или позитивное отклонение от цели

Electronic Phytosanitary Certificate (Export)

Attached documents management (Single Window)

The screenshot displays the ASYCUDAWorld - trader application window. The main window is titled 'Detailed Declaration - Retrieve [2015]' and contains the following information:

Customs Office
UGBUS Busia

Identification of the declarat...

Model	Customs reference	Declarant reference	Assessment reference	Nbr of Items
IM 4	2015 C 9	02/04/2015 2015 12	2015	1

Declarant
600231070003
KI KON DOO
ARIZONA 23

Item Code Description
1 N102 Plant Import Permit

Item	Code	Description	Reference	Date
1	N102	Plant Import Permit		

A 'Messages' dialog box is overlaid on the main window, displaying the error: 'Error: Attached Document Reference is Mandatory'. The dialog box also features a red 'STOP' sign icon.

At the bottom of the application, there is a navigation bar with the following tabs: S.A.D., Val. Note, Asmt. Notice, Info. Page, Att. Doc., Scan. Doc., and Items administrations selectivity. The taskbar at the bottom shows several open windows, including 'Document libra...', 'Plant Import Per...', 'Detailed Decl...', and 'Detailed Declarat...'. The system clock in the bottom right corner shows 23:35.

Electronic Phytosanitary Certificate

Attached documents management (Single Window)

The screenshot displays the ASYCUDAWorld - trader application interface. The main window is titled 'Detailed Declaration - Retrieve [2015]' and contains the following information:

Customs Office
UGBUS Busia

Identification of the declarat...

Model	Customs reference	Declarant reference	Assessment reference	Nbr of Items
IM 4	2015 C 9	02/04/2015 2015 12	2015 .	1

Declarant
600231070003

KI KON DOO
ARIZONA 23

A 'Message' dialog box is overlaid on the screen, displaying an information icon and the text 'Document verified!' with a checkmark.

Item	Code	Description	Reference	Date
1	N102	Plant Import Permit	UGN1022015000009	

At the bottom of the application, there is a navigation bar with the following tabs: S.A.D., Val. Note, Asmt. Notice, Info. Page, Att. Doc., Scan. Doc., and Items administrations selectivity. The taskbar at the bottom shows several open windows: Document libra..., Plant Import Per..., Detailed Decl..., and Detailed Declarat... The system clock in the bottom right corner shows 23:34.

Lessons learned

- Good political will;
- Inter-agency competition, need for a collaboration framework (e.g. MoU);
- Resistance of mid-level management in PPS;
- Weak ICT infrastructure in MoA and PPC;
- Sound expert level of staff and management;
- No uniform standards;
- Support of trading community is the key;
- Donors assistance is essential;
- Prolonged piloting phase;
- Real reduction of time;
- Supply chain security remains the concern of traders;
- Challenges of the system's sustainability

International recognition

- Appreciation of the Dutch Government;
- WTO Bali Ministerial Conference - special e-phytosanitary certification event;
- Emerging dialogue with IPPC, WTO, World Bank-IFC;
- Initial interest in the EC Headquarters;
- Potential beneficiary-countries;



Way Forward

- Further ASYCER extension to cover veterinary certificates;
- Expanding the scope of coverage of agricultural products;
- Building up risk management features;
- Practical implementation of IPPC XML;
- Moving towards the fully paperless environment;
- Continuing the dialogue with international partners;
- Experience sharing at the regional level;
- Promoting national dialogue government-agriculture business;



The International Plant Protection Convention (IPPC)

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

Julie Allaga, International Standards Program



Thank you
Рахмат



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Division on Technology and Logistics, UNCTAD

06 May 2015
Almaty, Kazakhstan