



KENYA



COUNTRY PRESENTATION

**STDF SEMINAR ON ELECTRONIC SPS
CERTIFICATION**

28 June 2016

World Trade Organization – Geneva

Josiah M Syanda – Kenya

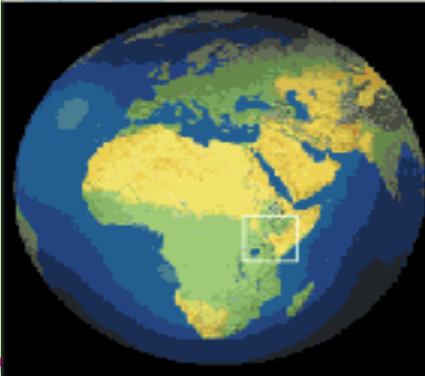
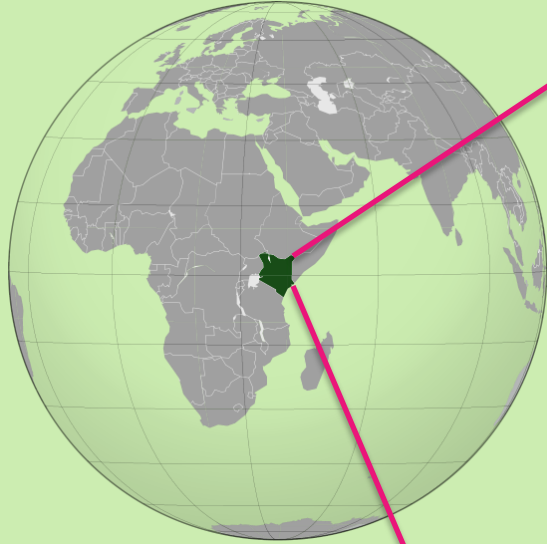


Outline

- Geographical location – Kenya
- Institutional Organization – NPPO
- KEPHIS Functions
- Country Steps towards ePhyto
- Electronic Certification System (ECS)
- Country ePhyto status
- Experiences
- Lessons learned



KENYA – Geographical location



Country Profile -/1



Approximately total area of **591,958 sq km** with **8.01%** arable land (expandable under irrigation)

Population **45,546,000** (July 2014 est.) with **2.462%** (2011 est.) growth rate

(Source UN data 2015)



Country Profile -/2

➤ Official language is **English**,
National language Kiswahili.
Over 42 ethnic dialects



➤ Industries: Agriculture,
Mining & processing,
Transport & communication,
chemical, Food stuff, Sports



Growth in ICT usage

- **Mobile cellular**

- Mobile-cellular subscriptions (per 100 inhabitants)2013 - 70.6
- Mobile-cellular subscriptions (per 100 inhabitants)2005 - 12.9

Internet

- Individuals using the Internet (%)2013 - 39.0
- Individuals using the Internet (%)2005 - 3.1



Institutional Organization - NPPO

Ministry of Agriculture, Livestock & Fisheries

Agric. Directorate
(PS)

Livestock
Directorate (PS)

Fisheries
Directorate (PS)

**KEPHIS (Competent
Authority) NPPO**

Agriculture, Fisheries & Food
Authority (DG)

PS – Permanent Secretary
DG – Director General
Director – Managing Director



KEPHIS Mandate – www.kephis.org



- Regulate and advise government on plant health matters relating to plant, plant products and other regulated articles
- Facilitate international trade of plants, plant products and regulated articles
- Develop and build capacity for efficient and effective delivery of her mandate **(IPPC Benchmark)**



Country steps towards ePhyto - Kenya

1997
NPPO
established

2000
Phytosanitary
Procedures &
manuals

2008
Bilateral
Agreement
for ePhyto

2009
ePhyto Project
Development

2011
Pilot Run with
industry

2011
Live
Consumption

2012
ePhyto Pilot
Run

2014
limited ePhyto
Transmission



Electronic Certification System (ECS) –Kenya

To access *KEPHIS National Certification system* go to;

Ecs.kephis.org



Authorized access only

The screenshot displays the 'Overview of Submitted Consignments' page in the KEPHIS system. The page header includes the Kenya Plant Health Inspectorate Service logo and navigation links like 'LogOut', 'Export Requirements', and 'Pest Status'. The user's name 'Josiah Syanda' and employee ID '3' are visible. The main content area features a table with columns for Invoice No., Inspector, Date/Time of Insp., Insp. Location, Exporter, Dep. Date/Time, App. Date/Time, Pref. Date/Time, UCR No., Commodity Type, Bot. Name, Certificate Type, Quantities, and Status. The table lists 14 consignments, all with a status of 'SUBMITTED'. A sidebar on the left contains a 'Main Menu' with options like 'Assigned Inspections', 'Record Field Inspection Result', and 'Overview of Clients'. At the bottom, there are buttons for 'Show Details', 'Assign Inspector', and 'Exit'.

SELECT	Invoice No.	Inspector	Date/Time of Insp.	Insp. Location	Exporter	Dep. Date/Time	App. Date/Time	Pref. Date/Time	UCR No.	Commodity Type	Bot. Name	Certificate Type	Quantities	Status
<input type="checkbox"/>	A21010	no Inspector	no assigned date	Kuehne + Nagel	ZENA ROSES LTD	08/11/2015 12:02:00	08/11/2015 10:18:26	08/11/2015 22:02:00		Rose	Rosa spp.	Phytosanitary Certificate	120	SUBMITTED
<input type="checkbox"/>	E49816	no Inspector	no assigned date	Kuehne + Nagel	ZENA ROSES LTD	08/11/2015 12:41:00	08/11/2015 10:18:27	08/11/2015 10:41:00		Rose	Rosa spp.	Phytosanitary Certificate	40	SUBMITTED
<input type="checkbox"/>	E49812	no Inspector	no assigned date	Kuehne + Nagel	ZENA ROSES LTD	08/11/2015 12:19:00	08/11/2015 10:18:28	08/11/2015 10:19:00		Rose	Rosa spp.	Phytosanitary Certificate	60	SUBMITTED
<input type="checkbox"/>	E49810	no Inspector	no assigned date	Kuehne + Nagel	ZENA ROSES LTD	08/11/2015 12:25:00	08/11/2015 10:18:27	08/11/2015 10:25:00		Rose	Rosa spp.	Phytosanitary Certificate	60	SUBMITTED
<input type="checkbox"/>	E49811	no Inspector	no assigned date	Kuehne + Nagel	ZENA ROSES LTD	08/11/2015 12:33:00	08/11/2015 10:18:27	08/11/2015 10:33:00		Rose	Rosa spp.	Phytosanitary Certificate	300	SUBMITTED
<input type="checkbox"/>	E49813	no Inspector	no assigned date	Kuehne + Nagel	ZENA ROSES LTD	08/11/2015 12:10:00	08/11/2015 10:18:28	08/11/2015 10:10:00		Rose	Rosa spp.	Phytosanitary Certificate	140	SUBMITTED
<input type="checkbox"/>	T22128	no Inspector	no assigned date	Kuehne + Nagel	ZENA ROSES LTD	08/11/2015 11:01:00	08/11/2015 10:18:30	08/11/2015 09:01:00		Rose,Carnation	Rosa spp.,Dianthus spp.	Phytosanitary Certificate	90	SUBMITTED
<input type="checkbox"/>	E49815	no Inspector	no assigned date	Kuehne + Nagel	ZENA ROSES LTD	08/11/2015 11:10:00	08/11/2015 10:18:29	08/11/2015 09:10:00		Rose,Carnation	Rosa spp.,Dianthus spp.	Phytosanitary Certificate	260	SUBMITTED
<input type="checkbox"/>	E49814	no Inspector	no assigned date	Kuehne + Nagel	ZENA ROSES LTD	08/11/2015 11:51:00	08/11/2015 10:18:29	08/11/2015 09:51:00		Rose	Rosa spp.	Phytosanitary Certificate	30	SUBMITTED
<input type="checkbox"/>	T22131	no Inspector	no assigned date	Kuehne + Nagel	ZENA ROSES LTD	08/11/2015 11:56:00	08/11/2015 10:22:10	08/11/2015 09:56:00		Rose	Rosa spp.	Phytosanitary Certificate	120	SUBMITTED

Electronic Certification System (ECS) – Functions – needs Basis

- Collection of Consignment data – Client keys data in the system
- Communication – Government (G) to Business (B) and B to G
- Maintaining import regulations
- Auto generate Phytosanitary certificates (paper & electronic)
- Payments management
- Certified copies management
- Record of Lab analysis results and growing season inspection results
- Statistical data



Electronic Certification System (ECS) –Usage

No. 0488913

MINISTRY OF AGRICULTURE
KENYA PLANT HEALTH INSPECTORATE SERVICE (KEPHIS)
PHYTOSANITARY CERTIFICATE
Agriculture Produce (Export) Act Cap 319

1 Name and address of sender ADITY EXPORT PO Box 6389, DEWATA ROAD Kericho	2 PHYTOSANITARY CERTIFICATE No KEPHIS/091124782016
3 Sender name and address of consignee ALHAKHAKLA TOP FOR TRADING EST RIYADH PO. BOX 38049, RIYADH 11383 SAUDI ARABIA	4 To Plant Protection Organization of UNITED ARAB EMIRATES
5 Place of Origin Kericho	5 Declared means of conveyance By Sea
7 Declared point of entry JEDDAH	8 Distinguishing marks LABELLED
9 Number and Description of packages 8000 (boxes) of 20000 KG	10 Name of Produce Annonaceae
11 Botanical name of plants Fennel spp	12 Quantity declared 24000 Kgs
13 This is to certify that the plant described above Have been inspected according to appropriate procedures, are considered to be free from quarantine pests and practically free from other injurious pests in conformity with the current phytosanitary regulations of the importing country.	
14 Additional declaration	
15 Disinfection and/or disinfection treatment	16 Chemical (active ingredient)
17 Duration and temperature	18 CONTAINER
19 Any additional information	

16 place of issue
Kericho JKH

Date 25/05/2016

Name of Inspector
Dominic Njambi

Signature
of Authorized officer

Stamp
PASSED
25 MAY 2016
KEPHIS

Note: This certificate shall be completed in typewritten or in block capitals
No financial liability will attach to this certificate that attach to Kenya Plant Health Inspectorate Service or
to any of its officers or representatives.

> 1500 External users since July 2011

> 892,000 Phytosanitary certificates issued since July 2011

> 60,800 Certificates received in the same period

System now integrated with the National Single Window System



Country ePhyto Status -/1

- **Successes**

- Well defined organizational structure – clear mandate for NPPO (semi-autonomy)
- There is a national ICT legislation, other laws
- Political goodwill and support – (Budgets and parliamentary bills)
- National Phytosanitary Certification System
- Bilateral exchange with The Netherlands (Parallel with paper certificates)



Country ePhyto Status -/2

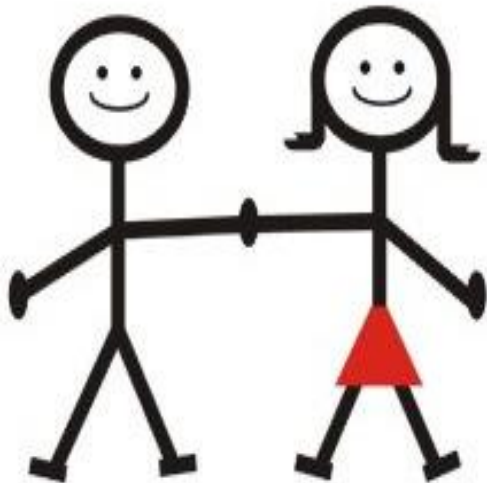
- **Limitations**

- High costs of establishing a system (~960,000 euro for export system)
- Continuous system improvements – Software updates
- Sustainability - financing to support ePhyto (infrastructure and maintenance)
- Internet service and availability (uptime)
- Budgetary support to participation in international fora.



Benefits realized

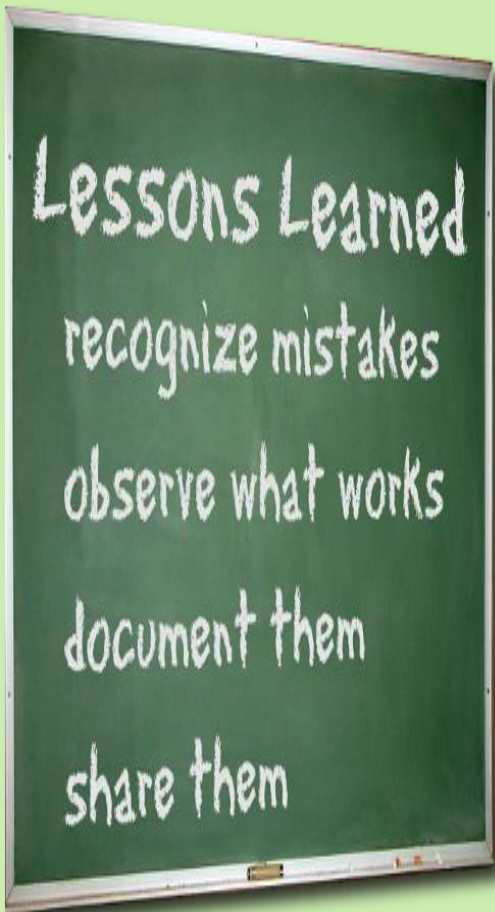
The best friends are
“friends with benefits”



- **National Level** – Government Revenue Increased (Aprox. 75%)
 - **Institutional level** – competence and capacity enhanced. Efficiency in service delivery
 - **Industry** – Time savings – Approximately **72,000km** annual saving. Communication improved
 - **Enhanced Knowledge** in the industry
- International level – minimized risk;
Confidence and authenticity of issued certificates



Kenya's E-cert -lessons learned -/1



- **National legal framework** - Electronic trade, political good will, budgets etc
- **Organizational structure** – clear NPPO mandate
- **Complementarity** – National laws, regulations and policies with international treaties, conventions agreements and trading partner laws.
- **Level of industry development** – large scale vs. small scale production systems
- **Institutional capacity** – competence, skill, personnel, infrastructure, budgets



Kenya's E-cert -lessons learned -/2



- **Other government agencies** – perception of usurped powers or mandates, conflicting mandates!!
- **Stakeholders** – consider their interest that would be affected by e-certification
- **Technology and methods** – interoperability, improvements, integration , sustainability, continuity etc
- **Data security** – major concern for industry and country in global trade.



Kenya's E-cert - lessons learned -/3



- **Content management** - Considerable investment required to deal with non-standard data requirements
- **Emergencies** – Business continuity plan; system outages, handling support issues, etc.)
- **Language** - Integration of multiple languages and time zones
- **Implementation** - A transition period and fallback plan is essential



Quote

- **“Tomorrow’s exports shall be transmitted and not transported”**

Dubai International Airport



Ahsanteni – Karibu Kenya



Contact Information

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