

# KENYA



## COUNTRY PRESENTATION

Kenya's Preparation for the ePhyto Hub

3rd IPPC Global Symposium on ePhyto

**"ePhyto and Trade Facilitation"**

**22-26 January 2018**

**Kuala Lumpur, Malaysia**

**Josiah M Syanda (Kenya)**

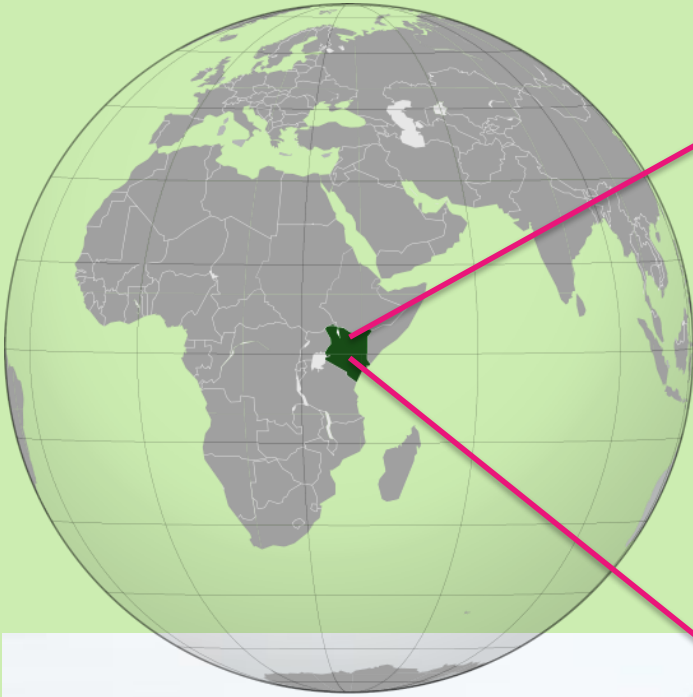


# Outline

- Country Profile
- Institutional Organization
- KEPHIS Functions
- Country Steps towards ePhyto
- Electronic Certification System (ECS)
- Country ePhyto status
- Experiences
- Future approaches



# KENYA



# Country Profile -/1



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



Population **48.46 million** (July 2016 est.)

*(Source World Bank 2016)*





# Country Profile -/2

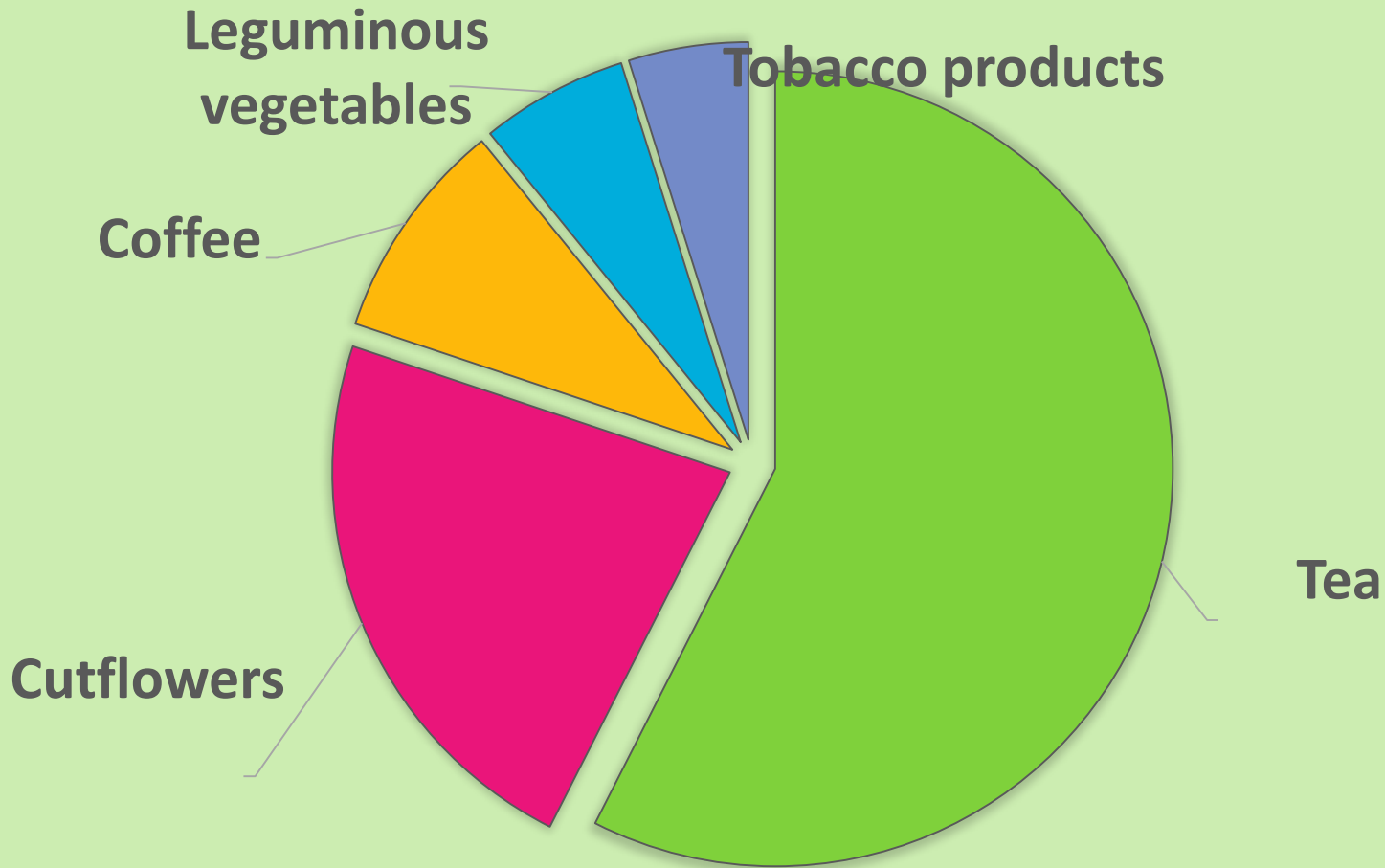
- Official language is **English**, National language Kiswahili. Over 43 ethnic dialects



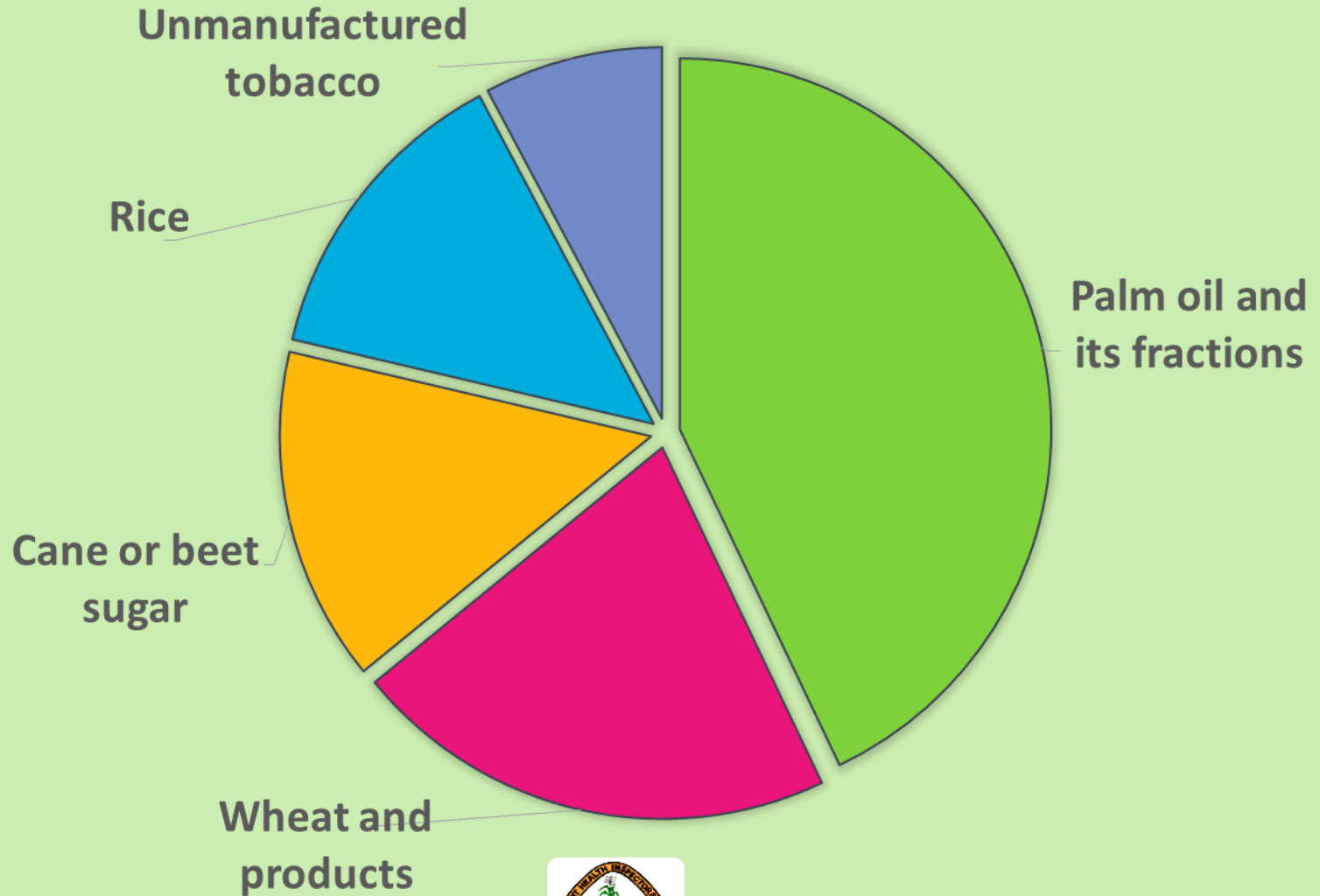
- **Trade – Exports**
- Agriculture **53.1 %**
- Manufactured goods – **31 %**
- Fuel & Mining **14.3%**
- **Imports**
- Agriculture – **12.5%**
- Manufacture – **68.5%**



# Exports by Commodity



# Imports by Commodity



# Growth in ICT usage



## Mobile cellular

- Mobile-cellular subscriptions 37.8 million by 2016 - **88.1%**

## Internet

- Internet access and usage **74.2%**

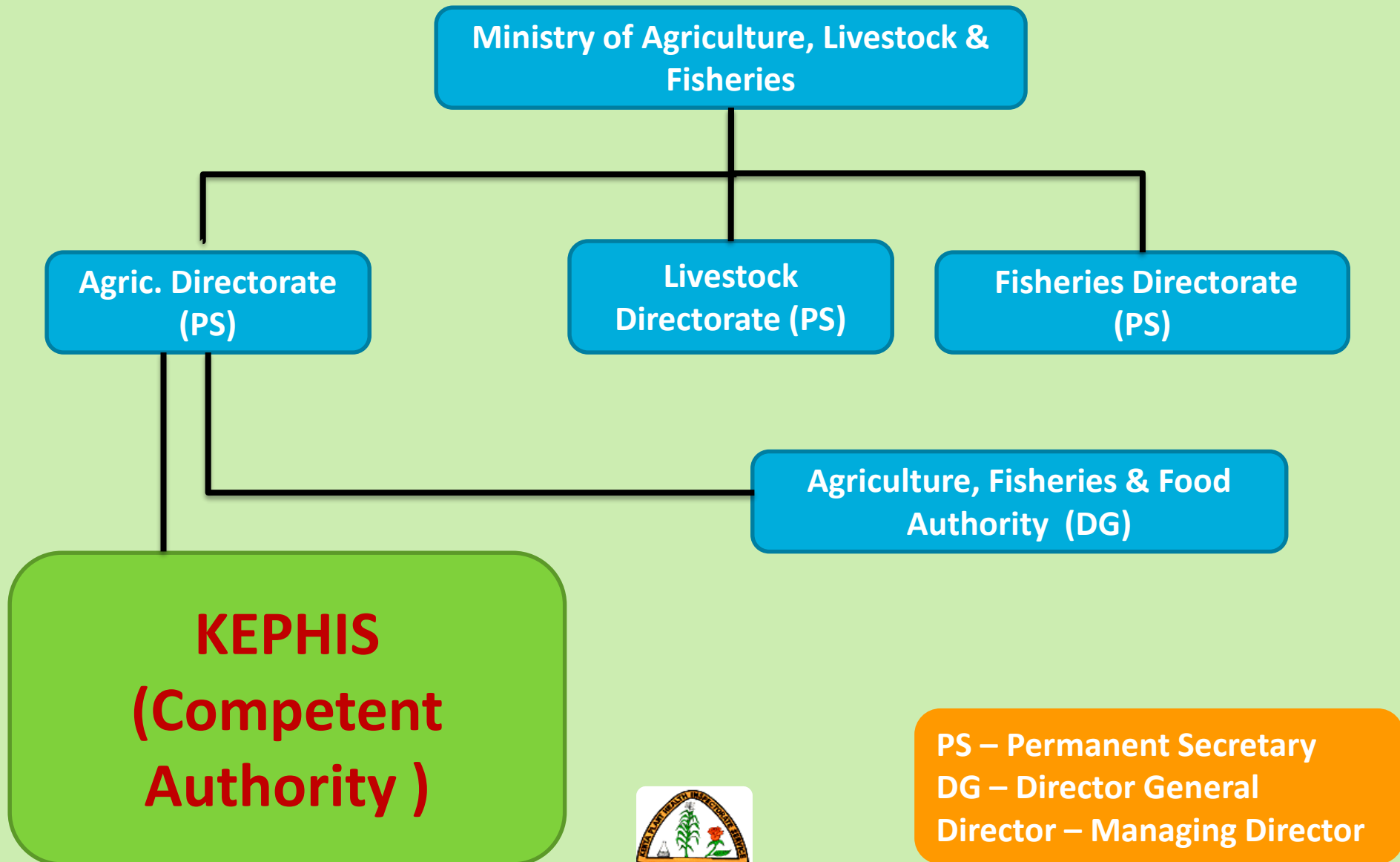


» *(Kenya Communications Commission)*





# Institutional Organization



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



# KEPHIS – Functions

- Plant Quarantine services
- **Inspection and certification service**
- Seeds and plant Variety regulation
- Plant health Clinics
- Trade facilitation
- Analytical Chemistry Laboratory services
- Training and Capacity Building (Center of Phytosanitary Excellence)



# Country steps towards ePhyto - /1



**1997**  
**NPPO**  
**established**



**2000**  
**Documenting**  
**Phytosanitary**  
**Procedures**



**2008**  
**Bilateral**  
**Agreement**  
**(KE & NL)**



**2009**  
**Project**  
**Development**  
**National**  
**System**



# Country steps towards ePhyto -/2



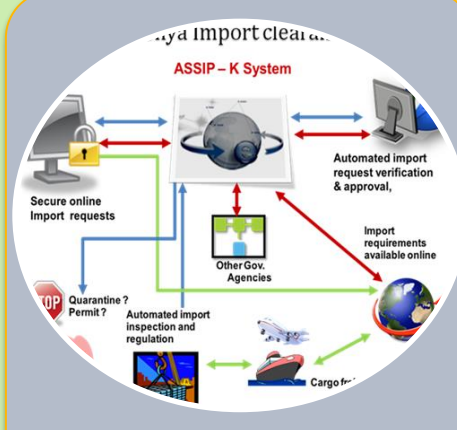
2011

**Pilot Run with industry  
(Paper based )**



2011

**Live Consumption  
(Paper Based)**



2014

**ePhyto System configuration  
National system**



2016 to date

**ePhyto trial run  
with NL**



# Electronic Certification System (ECS) –Kenya



Kenya Plant Health Inspectorate Service



LogOut | Export Requirements | Pest Status | Employee ID : 3 | Employee Name : Josiah Syanda

## OVERVIEW OF SUBMITTED CONSIGNEMENTS

Start Date  End Date  Status

SELECT	Invoice No	Inspector	Date/Time.of.Insp	Insp.Location	Exporter	Dep.Date/Time	App.Date/Time	Pref.Date/Time	UCR No.	CommodityType	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

To access kephis system go to; <http://ecs2.kephis.org>





# System functions

- Exporter registration
- Create certificates (phyto, re-export, xml & conformity)
- Data collection and report generation
- Partial financial management
- Integration with National Single Window System
- Efficiency monitoring – Time log and response



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

- **National legal framework** to enable electronic trade, political good will
- **Due consideration** of Existing legislation/ international treaties and agreements is critical
- **Level of industry development** – large scale vs. small scale
- **Institutional capacity** – competence, skill, personnel, infrastructure



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

- **Institutional organization** – other government agencies involved in certification process
- **Stakeholders** – consider their interest that would be affected by e-certification
- **Agreement on technology** and method of implementation both is critical
- **Electronic exchange** of data is significantly more efficient, convenient and secure than printed certificates



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

- **Considerable investment** required to deal with non-standard data requirements
- **Updating the systems**, notification of system outages, handling support issues, etc.)
- **Integration** of multiple languages and time zones
- **A transition** period and fallback plan is essential



# Challenges

- Understanding of the ePhyto concept within the NPPO
- Configuration of the national system to link with the Hub
- Limited financial resources





# Ahsanteni – Thank you

## Contact Information

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