KENYA'S EXPERIENCE

VISION

The lead regulatory agency in agriculture

MISSION

To provide an effective and efficient science-based regulatory service for assurance on quality of agricultural inputs and produce thereby promoting sustainable economic growth and development

Open-Ended Working Group (OEWG) on IPPC Phytosanitary E-Certification

Seoul, Republic of Korea,

07th to 10th June, 2011.

David Mbarani/Josiah Syanda

KENYA PLANT HEALTH INSPECTORATE SERVICE

KEPHIS

OUTLINE

– Overview of Kenya

– Kenya's E-cert experiences

–Our journey with E-cert

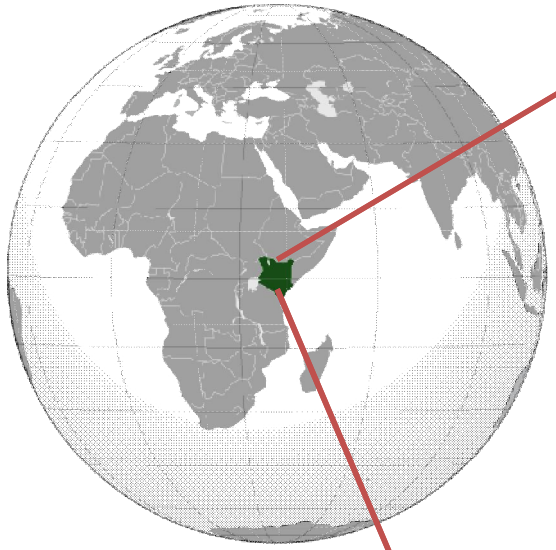
–Outline design principles

–Highlight lessons learned

– Future E-cert Vision

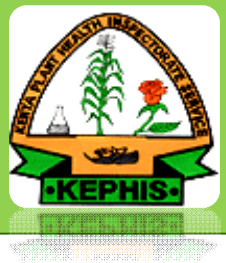
–Global approaches

LOCATION OF KENYA



Country Profile

- **Approximately total area of 580,370 sq km (224,081 sq miles)with 8.01% arable land**
- **Population 40,046,566 (July 2010 est.) with 2.462% (2011 est.) growth rate**
- **Official language is English, National language Kiswahili. Over 42 ethnic dialects**
- **Industries: Agriculture, Mining & processing, Transport & communication, chemical, Food stuff**

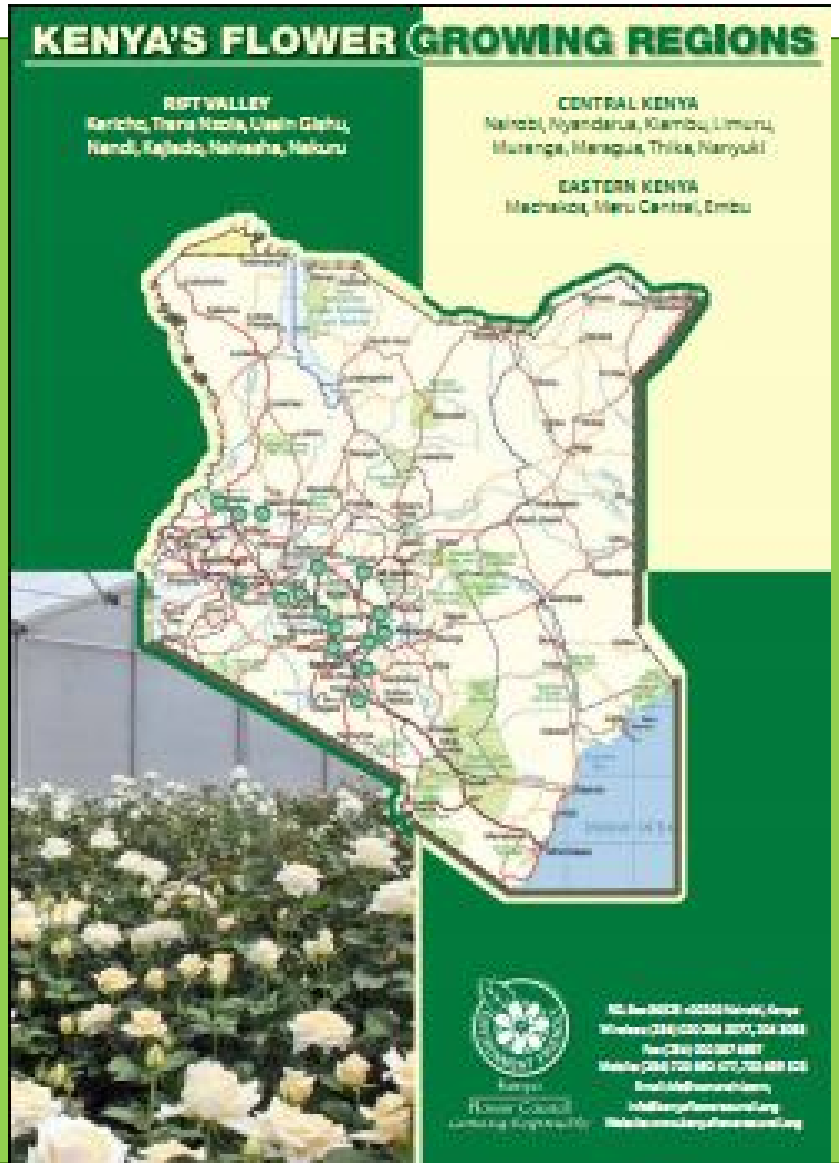


Institutional arrangements

Ministry of Agriculture

KENYA PLANT HEALTH INSPECTORATE SERVICE- NPPO

FLOWER GROWING AREAS



KEPHIS

Kenya's E-cert experiences

Our Journey

- 1997 – National Plant Protection Organization established
- 2000 – Development of Plant Protection System
- 2002-First experience on Application of Information Technology in Export Certification at CFIA-CANADA
- 2009 – initiation of E-certification process (Kenya & Netherlands)
- 2010 – design, development, testing
- 2011 – Piloting/Live Run ……

Kenya's E-cert experiences

Our Journey

- **2009 –2011**
- Business area analysis,
- Architectural design,
- Software development
- Deployment of a web based application.
- Piloting – exporters supply certification data to **KEPHIS** electronically for verification and approval prior to the hard copy certificate being printed and issued .

Kenya's E-cert experiences

Design principles

- **Bilateral approach**
  - Regional treaties/ agreements/ legislation
  - Type of data to be exchanged
  - Data exchange mechanism
  - Timelines for data transmission
  - Timelines for transition from paper to paperless certificates
- **National level**
  - Existing systems
  - Capacity
  - Legislation
  - National institutional organization – other agencies ??

Kenya's E-cert experiences

lessons learned so far

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

Kenya's E-cert experiences

lessons learned so far

- 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 is critical
- Electronic exchange of data is significantly more efficient, convenient and secure than printed certificates

Kenya's E-cert experiences

lessons learned so far

- 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

Kenya's E-cert experiences

The Future

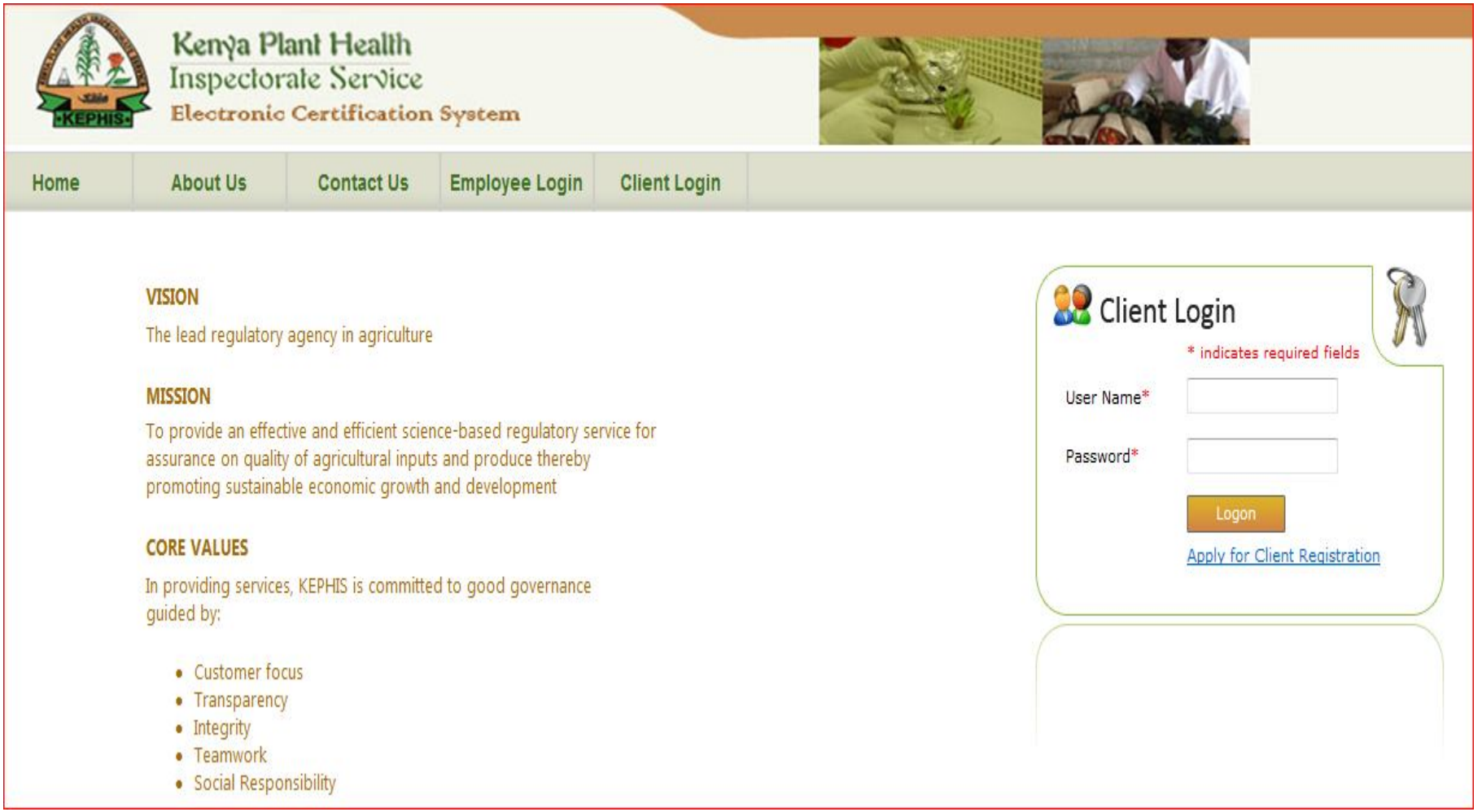
- Government to Government exchange of electronic Phytosanitary certificate data.
- Facilitating pre-clearance of consignments in importing countries (faster trade)
- Reuse of information (Enhanced documentation logistics for various agencies)
- Improve risk management (e.g. reduced fraud, authenticity assurance)
- Reduced costs – less paper, time saving

Kenya's E-cert experiences

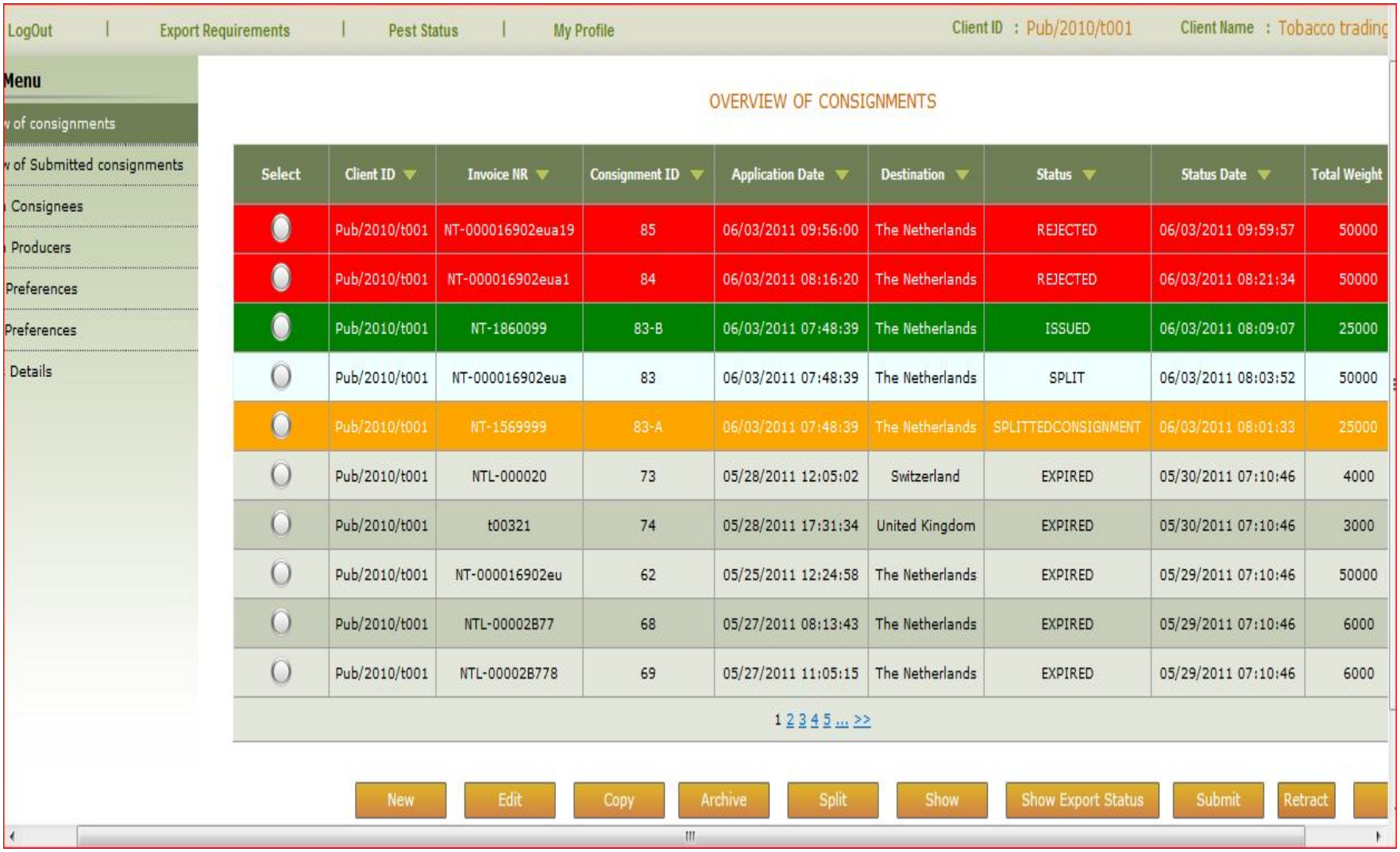
Global Approach

- Develop a **common understanding of the Phytosanitary certificate data to be exchanged**
- **Learn from existing bilateral solutions to build Multilateral Trade Platform**
- **Formulate Standard rules of engagement to help in dispute resolution.**
- **Appeal to developed countries and development partners for institutional capacity development.**

ECS LOGIN SCREEN

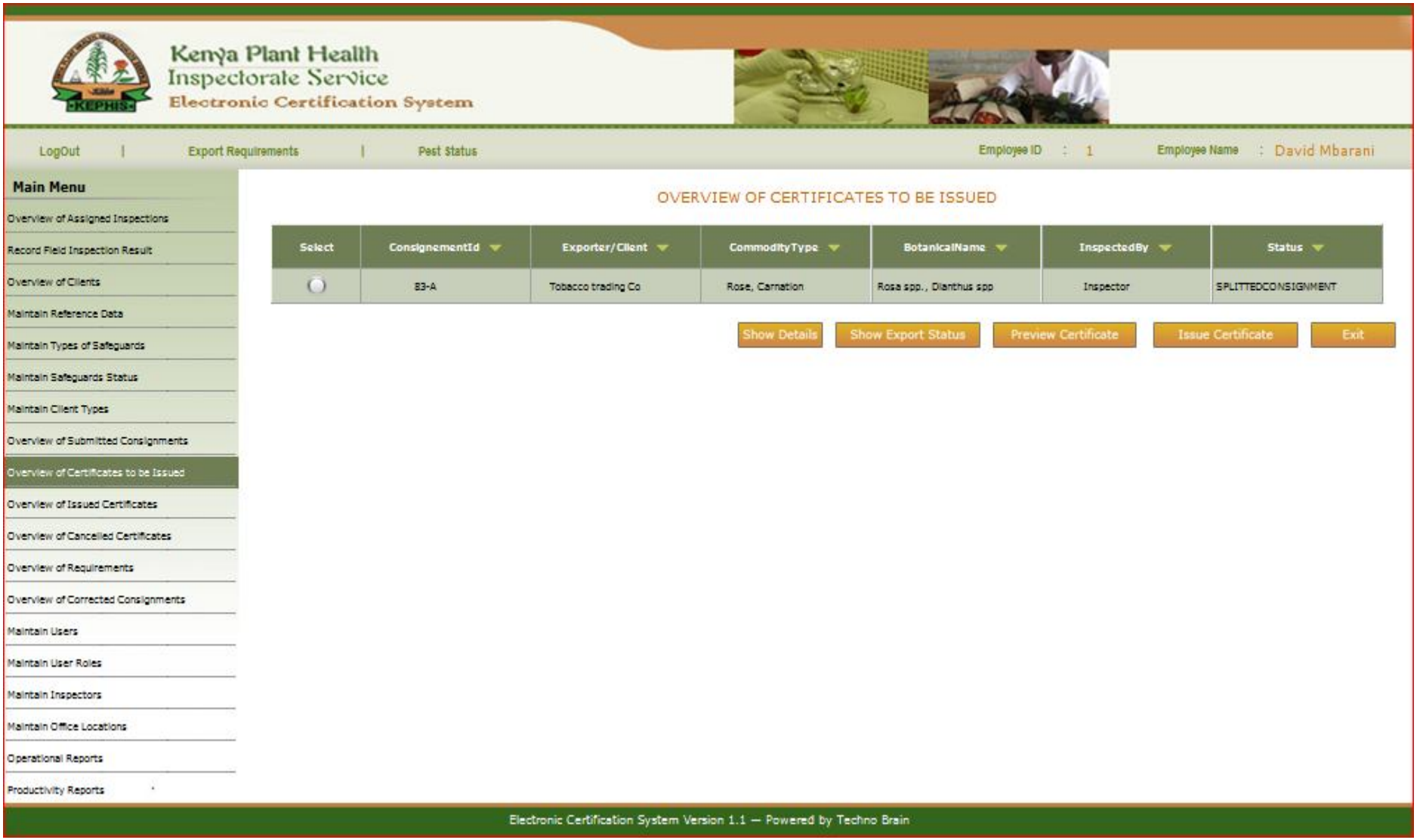


ECS CLIENT SCREEN



ECS SUBMITTED CONSIGNMENT SCREEN

ECS CERTIFICATE ISSUE SCREEN



ECS REQUIREMENTS SCREEN