Agenda

• PPECB in International trade
• PPECB Laboratory Services
• Lean Initiatives
• Green Initiatives
• The way forward
Legislative Framework

- Official Quality Inspection & Certification Agency in South Africa since 1926

- Act 119 of 1990 – APS Act (export certification)
  - appointed assignee/public service provider (1991)
  - ensures export food safety and quality standards of regulated agricultural products are complied with.

- Act 9 of 1983 – PPECB Act (supply/cold chain logistics)
  - establishes and mandates PPECB
  - provides for control & management of South African perishable product export processes
PPECB Laboratory Services

- MYCOTOXIN ANALYTICAL PROGRAMME (MAP)
- FATS ANALYTICAL PROGRAMME (FAP)
- DAIRY TESTING SERVICES
- MRL TESTING SERVICES
AUDITS

- Audits
  - Lab verification audit by the FVO on control of Aflatoxin contamination on groundnuts intended for export to EU
  - SANAS surveillance audit
  - ISO 9001 – Inspection Body (SABS)
  - BOBS

- DAFF Oversight Role
The Green Economy

• Green economies are defined as economic systems that take into account holistic remedial measures incorporating economic, environmental (including ecological) and social challenges that stop or reduce economic activities and growth.

• Central to the green economy is the desire to improve people’s lives by combating climate change, energy insecurity and ecological instability.

• The Economic Development Department estimates that 400,000 jobs could be created by 2030 as a result of the country going green. These jobs would be created through the enhanced production of goods and services that support the green economy or that would be required as the country migrates to a green economy.
Video clip
The Lab is going green & lean
LIMS

- More robust and secure than spreadsheets
- Manage large volumes of data
- Data is stored in a central database
Why LIMS?

Improved accuracy via

• Data import from instruments
• Barcode printing and scanning
• Limit checks
• Automatic calculation of results
Instrument Integration
Why LIMS?

**Improved security**
- User logon
- Role-based functionality
- Audit trail
- Data cannot be accidentally deleted
- Secure remote access
Central database for improved and faster data analysis and reporting
• Invoicing takes 1 day
• It takes minutes less to generate a CoA.
Recycled paper helps to:
- curb deforestation
- use less energy than that used to produce virgin pulp;
- reduce water consumption
- Producing recycled paper generates between 20% and 50% less CO2 emissions than paper produced from virgin fibres
- reduces the volume of waste while also helping to boost the local economy through the collection and sorting of waste paper.
It reduces the amount of waste in landfills, reduces energy consumption, and saves money.

It makes perfect business sense to exchange your printer supplies for money by recycling used printer supplies like toner cartridges, ink cartridges and waste paper. In the long run it helps the environment too by reducing the amount of non-biodegradable plastic in landfills.

GREEN OFFICE
The cost savings of recycling is in the use of energy. Compared to making glass from raw materials for the first time, cullet melts at a lower temperature. So we can save on energy needed to melt the glass. Glass produced from recycled glass reduces related air pollution by 20% and related water pollution by 50%. Recycling glass reduces the space in landfills that would otherwise be taken up by used bottles and jars. Using glass for recycling means there are less glass objects lying around in the landfill or bin. PPECB uses a waste removal service provider that ensures all consumable glass bottles are recycled- free service to the PPECB.
just in Time

Delivery On Time

JIT concept
- Waste elimination
- Pull system/kanban
- Uninterrupted work flow
- Long term relationship with suppliers
- Top management and employee commitment
- Total quality control

Continuous improvement/kaizen
Skype for business
The way forward - 2020

• Continue to support the agricultural sector by ensuring compliance.
• Enhancing the credibility of the South African export certificate.
• Support the competitiveness of the country’s perishable products
• Strengthening the PPECB’s capacity to provide a professional range of services for all its customers.
Thank you