Egyptian Traceability Center for Agro-Industrial Exports

International Conference on Sharing Agribusiness Solutions
Cairo, 26-27 November 2008

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Project Overview

- Start Date: 1-7-2004
- Duration: 4 years
- Total Budget: 45 Million L.E.
  (Approx. 6.5 million Euro)
  - Technical Assistance: 18 Million L.E.
  - Financial Assistance: 27 Million L.E.
Strengthen the Egyptian food value chain by providing **Technical** and **Financial** assistance to ensure that, in terms of quality, safety and traceability, the Egyptian food products comply with international standards and regulations, including the European Food Law (EFL, 178/2002).
Who do we support?

- Growers
- Dealers
- Pack houses
- Exporters
- NGOs
- Small - holders associations
- Transporters
- Agriculture Extension Officers
- Green Corridor Pilot Project
- Agriculture Quarantine
- Governmental bodies (such as GOEIC & EOS)
- Food Processing sector (MTI)
Project Activities

Surveys and Assessments

• Identify Major Exporters and Exported/Potential crops.
• Assess current traceability systems implemented.
• Assess preparedness for traceability implementation.
• Physical product trace exercise

Awareness Campaigns

- presentations and seminars to producers and stakeholders.
- Dissemination of technical material and brochures.
Development and Dissemination of Traceability Manual

According to local parameters as a result of the surveys and initial technical assistance effort with beneficiary companies (for fresh produce and agro-industries)

(available on our website)
Training and Technical Assistance

• Implementation of traceability systems
• EU Quality Standards of different crops
• Quality and food safety management systems
Training and Technical Assistance to Governmental Entities

- Extension officers of MALR
- General Authority for Export and Import Control
- Agricultural Quarantine Department

Study Tours

To different EU destinations to assist Egyptian exporting companies to understand to learn from the European experience in Traceability.

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• Establishing High-Tech Systems at major exporters
Project Activities

Agro-industrial Component

• Training and technical assistance on traceability and related subjects
• Development of a traceability manual for processed foods
• Study tour to Italy focusing on food processing sector including factory visits and presentations by European Food Safety Authority among others
• A number of 10 processing companies funded for traceability software and hardware
Food Safety and Quality Management System

UNIDO/ETRACE developed a team of six (6) “national consultants for food safety and quality”

Upgrade the food safety and quality management system of the participating companies to meet the requirements of international customers GLOBALGAP, BRC, TNC, HACCP, IFS, ISO 9000, ISO 22000, ISO 14000, M&S F2F, OHSAS 18000, Organic, SA 8000, Fairtrade

More than 60 companies served within this component
Achievements

Training

86 training events for 1831 trainees from 165 Entities

- Partner Organizations, 11
- Extension Sectors, 3
- Governmental Entities, 14
- Associations, 12
- Companies, 125
Achievements

Traceability Implementation Grant

Entities assessed and applied 107
Approved Entities 92
Contracts Signed 82

Finalized Implementation by November 2008 82

- Private Sector Companies 79
- National Traceability System (GOEIC) 1
- Perishable Terminal, Cairo Airport (HEIA) 1
- Sterilization Terminal, Herbs and Medicinal Plants 1

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Training to extension officers

• Menoufia (West Delta)
• Ismailia (Suez Canal Zone)
• Assiut (Upper Egypt)
• Giza (Upper Egypt)
Three Studies were carried out on:
In-depth assessment of food value chains in Egypt
needs assessment for post-harvest investment
The international traceability standards and the
traceability software packages

Three Study Tours to key EU destination for Egyptian
food exporters, representatives from public and
private sector, to learn from the European experience
in Traceability.

Physical Product Trace Exercise, from farm to fork, from
Egypt to the UK supermarket shelf.
Achievements

Pesticide Databases

- National Database (web-based)

- HOMOLOGA International Database
  - 50 licenses to major exporters, associations and governmental entities
  - Training
  - Technical Assistance
Plant Quarantine Training Program

- Design the elements and tools of the training program
- Manuals supervising and finalization
- Manuals cover the following sections:
  1. Quarantine Policy, Analysis & Support;
  2. Phytosanitary Issues & International Standards;
  3. Permits, Registration, Import & Manuals;
  4. Plant Safeguarding & Pest Identification;
  5. Quality Assurance Regulatory Process; and
  6. Information Technology Development & Coordination
E-learning
- Evaluation of different systems and providers
- Selection made for MOODLE open source platform
- Upgrading training material and manuals
- Pilot e-course on “Introduction to Traceability”

http://ettrace.itsyn.com
Course outline

- Course Information
- Course Objectives
- News forum
- Teacher Details
- Trainees Details
- Glossary
- Social forum

Module I: What is Traceability

- Introduction
- Module I: What is Traceability
- Summary: What is Traceability
- Module I: Test

Module II: Why Implement Traceability

- Introduction
- Module II: Why Implement Traceability
- Summary: Why Implement Traceability
- Module II: Test
Lesson 4: Grading, sorting and washing P.21

The aim of recording grading, sorting and washing.

Essential for produce received from store to pack house, that require grading, trimming and washing prior to packing, is to record the flow of these stages to ensure traceability.
National Pesticide Database

Scope of the Project:
- Cooperation between Etrace and the Ministry of Agriculture
- Easy to use database accessible for everyone
- Providing updated information on the approved pesticides
- Decreasing the misuse of unapproved products
- Increasing transparency
- Saving time and risk for food exporting companies
- A guide for Crop Protection Products selection by farmers
- Enabling and improving compliance with GlobalGAP
Achievements

Pesticides in Egypt: Home Page

Getting started
- What are Pesticides?
- What does this website do?
- How to use Pesticides safely?
- Pesticide Registration Procedures

Latest news

April 2007 Newsletter
- Toward More Protection for Human Health and Environment
- Impurities Analysis: The Second Generation in Pesticides Quality Assurance
- Genetically Modified Food (GMP): Food, Pesticide or more?
- In Association with Care Egypt, Egyptian Researchers Evaluate the Hazard upon Pesticide Applications in Favour Governorate

Search for Pesticide
- Pesticide name
- Registration No.
- Crop Name
- Pest Name

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Supported by

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**Local Companies**
- Chemical and Trading Company

**Importers & Distributors**
- Chemical and Trading Company
A- Cultural
- Education and background
- Knowledge of IT and computers
- Language

B- Economical
- Investing in new line for production
  vs. investing in Information Technology
- Calculation of Return on Investment

C- Infrastructure & Technology
- Communication and telephone connections
- New means of data transfer
- Web based software

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Expanding the scope of the Traceability Center, to act as a **Regional Center** of Excellence for developing countries in the region

Based on:

1) The experience gained by EGYPT in supporting its Agro and Agro-Industrial sector in developing food traceability, safety and quality system through UNIDO/ETRACE.

2) The request from Lebanon, Tunisia, Ghana, Jordon and other countries to UNIDO/ETRACE to present its experience.

3) The increasing demand from European food value chains for the implementation of traceability in Africa.
THANK YOU

Cairo, 26-27 November 2008

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