EXPANSION OF COFFEE FARMING TO NEW FRONTIERS IN KENYA

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OVERVIEW

- Introduction
- Economic Importance
- Commercial Varieties
- Coffee Production Trend
- Challenges
- Interventions by CRI
- Projects Under implementation
- Grant Support By EU/Coffee Productivity Project
Introduction

Areas In Kenya Where Coffee Is Grown
The industry contributes about:

- 1% national GDP
- 8% of the total agricultural export earnings (22.1 billion Kshs (US Dollar 221 million) in 2013/14).
- 25% of the total agriculture labor force
Commercial Varieties

- Kenya’s commercial varieties are SL28, SL 34, K7, Ruiru 11 and Batian.

- Area under coffee is approximately 110,000 ha.

- 80% is occupied by small holder (435 Coffee Cooperatives) and 3000 Coffee Estates.

- The industry supports about 700,000 households (5 million people).
Coffee Production Trend

Production has been declining since 1987/88:-

- **1987/88:** Approx **130,000 tons of Clean Coffee**
- **Today:** About **45,000 tons of clean coffee**
Challenges

Coffee Diseases

Coffee Berry Disease (CBD)

Coffee Leaf Rust (CLR)
Challenges Cont....

Coffee insect pests

Antestia bug

CBB

GSc
Challenges Cont....

- Climate change
- Marketing
- High cost of inputs
- Competition from other enterprises e.g. real estate, horticulture
- Ageing farming community
- Nutrient deficiency
Interventions by CRI

- Promoting coffee planting in new areas/frontiers.
- Targets the varieties Ruiru 11 and Batian
- Reduces cost of production by 30%

Batian

Ruiru 11
Projects Under implementation

Projects

Coffee Productivity Project (CPP)
[Financed by the Kenya Government and the European Union and implemented by the Coffee Research Institute through Kenya Rural Development Program]

Integrated Coffee Productivity Project (ICPP)
[National Government, Commodities Development Fund, Coffee Directorate and Coffee Research Institute]
Coffee Productivity Project (CPP)  
FED/2013/2017-945

- CPP is an EDF project grant under Kenya Rural Development Programme (KRDP)

- Duration: 48 months: (1st July 2013 - 30th June 2017 )

- Project objective:
  To accelerate the availability of planting materials of the improved coffee varieties (Ruiru 11 and Batian)

- The project is currently in its 3rd year (2015/2016)
CPP Goal and Purpose

Goal: Contribute to reduction of poverty and food insecurity in Kenya

Purpose: To increase adoption of improved coffee varieties in both traditional and new-coffee growing areas

Model: Public Private Partnership (PPP)
CRI produces seeds and sell to private nurseries to propagate seedlings in a devolved pattern closer to farmers
Target Beneficiaries

- LOT 1: (Traditional Coffee Growing Counties):

- LOT 2: (Non-Traditional Coffee Growing Counties/New Frontiers):
### Funding

<table>
<thead>
<tr>
<th>Contribution</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>EU Contribution</td>
<td>88.4%</td>
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<tr>
<td>GoK Contribution</td>
<td>11.6%</td>
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Achievements

a) Sub grants awards
- 28 Beneficiaries/coffee nurseries’ operators
- KES 75 million allocated to the beneficiaries

Coffee Research Institute

- Nakuru
- Nyeri
- Kirinyaga
- Tharaka-Nithi
- Meru
- Bungoma
- Siaya
- Homa Bay
- Trans-Nzoia
- Nandi
- Baringo
- Kericho
- Bomet
- Narok

- 14 Counties implementing the Project
- 28 Private Coffee Nursery operators (EURO 750,000)
14 Coffee growing Counties with CPP assisted nurseries
Achievements Cont…

b) Construction of 28 modern coffee nurseries
c) Training/ Capacity building

Training Nursery attendants, women and youth on (a) nursery management and (b) top working. Total of 85 trained
Establishment of 12 Farmer Field School (FFS) Trainings

Training of 28 Nursery Operators and AIE holders

Achievements Cont...
Achievements Cont…

d) Construction and Upgrading the CRI Infrastructures

5 Greenhouses constructed (a) External Structure and (b) Interior of the Green House
Achievements *Cont*…

Renovation of 1 Seed Dispatch Unit
Achievements Cont...

- Establishing of 13 coffee demonstration plots and 13 clonal gardens
- Distribution of 25,168 farmers’ reference materials
- Development of 6 DVDs scripts
Achievements Cont…

- Training of 21 Trainers of Trainers (ToTs) on coffee nursery management and grafting/top working.

- Airing of 9 Radio programmes

- Production of 2.2 million coffee seedlings
CONCLUSIONS

- On average each of the modern constructed nurseries is producing about **100,000** seedlings of improved varieties per year. Leading into **2.8 million** seedlings per year or **2800** acres of planted coffee per yr.

- The Project is anticipated to contribute to increased coffee productivity and income, reduction of poverty and food insecurity in both traditional and Non-traditional coffee growing areas in Kenya.
Acknowledgement

I wish to thank the European Union and the Government of Kenya (GoK) for financing this Project.

Asante Sana