



CABI in Africa – in Action

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Our Membership



Botswana



Burundi



Cote d'Ivoire



Gambia



Ghana



Kenya



Malawi



Mauritius



Nigeria



Rwanda



Sierra Leone



South Africa



Tanzania



Uganda



Zambia



Zimbabwe

Cameroon is about to join as a Member Country
Linkages and relationships with Liaison Officers are key

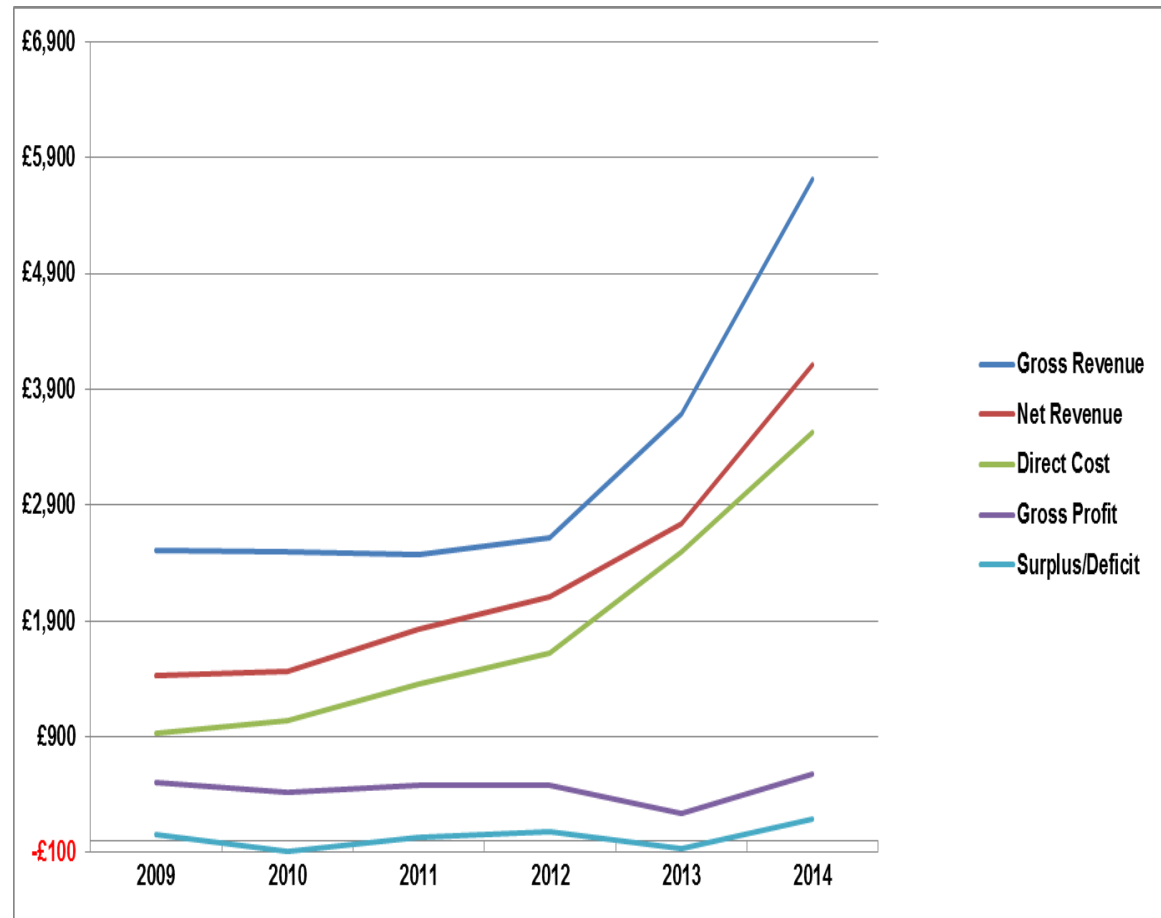


History of CABI in Africa

- **1909** Imperial Entomology Committee, London.
Entomologists sent to Malawi and Nigeria
- **1962** Kawanda research station, Uganda
- **1981** Muguga research station, Kenya
Shared facilities with KARI Biocontrol unit
- **1995** Regional Office in Nairobi
Maintaining labs at Muguga
- **1998** Regional Centre at World Agroforestry Centre (ICRAF)
- **2012** Sub-Regional Centre for west Africa in Ghana
- **2013** Country Office in NARO, Uganda
- **2014** Regional Centre at own property, Canary Bird, 673 Limuru Road, Muthaiga
- **2015** Sub-Regional Centre for southern Africa in Zambia



Continuing growth, improving efficiency (Stronger participation by Countries)





Our approach

- Membership - addressing priority needs of Africa
- Contribution and support to regional strategies and activities
- Building capacity
- Working in partnership - CABI as a bridging organisation
- Applied, action research



Thematic Priorities and Focus

Invasive Species

- Impacts on Livelihoods
- Cost benefit analysis
- Policies
- Emerging pests e.g. Maize Lethal Necrosis Disease and *Tuta absoluta*
- **Regional approach to address the invasive species most damaging to livelihoods**



Thematic Priorities and Focus

Trade and Commodities

- Challenges with traditional donors, e.g. CFC
- Trade issues coming up, e.g.
 - COMESA funded project on trade facilitation
 - ACIAR funded project on plant biosecurity capacity
 - Area demanded by member countries
- Role of private sector is key
- Less hands on field and lab work



Thematic Priorities and Focus

Development, Communications and Extension



- Putting Research into Use
 - Systems approaches
 - Capacity building in a bridging role
- Research impact
 - Evidence based policies
 - Uptake and adoption
 - Scaling up
- Expanding our social science base, as we retain and grow our bio-physical science to remain technically credible





Thematic Priorities and Focus

Knowledge Management

- Mobile work
 - Information accessibility
 - Cost effectiveness
- RUFORUM
 - Linkage with universities
 - Provision of access to information
- Support to government ministries and Regional Economic Communities in their knowledge management strategies
 - ASCU
 - ASARECA



Thematic Priorities and Focus

Bioservices

- Resource Centres, e.g. Hands across Atlantic
- Bringing cultures to the centres and countries of origin
- Small area but growing relevance and interest in conservation of biological/microbial resources
- Laboratory services made accessible



Some of CABI's initiatives in Africa





Plantwise activities

- Facilitate new ways of working
- Train in new skills
- Use plant clinics as an entry point to catalyse sustainable change for improved delivery of Plant Health System services





CABI mobile activities

- CABI mobile activities are aimed at taking Agribusiness to the next level.
- We are finding anchorage among poor, small-scale farmers in Africa to remove barriers that prevent them from accessing, using, and benefiting from new ICT tools and platforms.

*(Vodafone's forecast that mobile technology has the potential to increase agricultural income in Africa by \$48 billion through 2020)
-source Sphnyx:*



How we conduct our mobile work ...Agricultural example:

- Bridge the gap between farmers, middlemen and traders (Market info)
- Complement extension service. Farmer to extension service ratio is 1:1000 in Kenya
- Aid growers in decision-making to boost productivity and income (weather- what to grow, where and when)
- Offer simple ICT solutions (mobile) for farmers looking for ways to improve the way they manage their crops

*(Above has been realized on D2F/Airtell Kilimo partnership
WITH 28,000 subscribers)*



Good Seed Initiative

- Improved access to high quality seed by smallholder farmers through strengthened seed systems
 - Better farmer-saved seed
 - New improved varieties from landraces
 - More effective pro-poor formal seed systems
 - Sustained and growing demand for quality seed





Development Communication

- Develop capacity to communicate and share knowledge
- Facilitate new ways of working
- Raise awareness of key issues

Example projects:

- ASHC 1& 2 and COMPRO
- ASARECA Maize Lethal Necrosis Disease
- *FRI-lead proposal for IFAD*



ASHC – Phase 2

BMGF – Funded project

- Support implementation of scale-up campaigns:
 - Facilitate clusters of partners to work together
 - Development of materials suited to delivery channel
 - Creating a platform that opens up ASHC content to intermediaries with internet access – jointly with KB
 - Social research to assess
 - Effectiveness of delivery channels
 - Complementary role of different delivery channels
 - Added value of information materials
 - Indicator – adoption of ISFM practices



Breaking Barriers, Facilitating Trade

STDF – Funded COMESA project

Goal

Increased intra-COMESA trade in agri-food products

- Indicators: Trade flows
Food security indices

Objective (Purpose)

- *Reduced trading costs associated with necessary Sanitary and Phytosanitary measures (SPS) for selected commodities on selected trade routes in COMESA*
- Indicators: Costs per unit of commodity traded, by border and size of trade



Australia-Africa Plant Biosecurity Partnership

ACIAR – Funded project

- Programme launched in 2014 in 10 Africa countries
- Programme objective is to build biosecurity capacity for trade and food security
- Long term goal:
 - Creation of a strong and enduring regional plant biosecurity network
- While recognising the importance of communication and advocacy in elevating the profile of plant biosecurity for;
 - Food
 - Nutrition, and
 - Income security

Opportunities

- Reach and usage – Clear indication of the potential for growth for CABI in the sector.
- Youth in Agribusiness a magnet towards innovations in mobile usage for agriculture.
- CABI strength and positioning for leadership as Agri and Nutrition Content provider. Our safeguards for content development and validation are in own class.
- Quality seed still priority for agricultural development - CAADP
- Linkage with PAEPARD
- Linkage with ISSD Africa
- South-South Initiative
- Pursue Membership – broadening our presence



Assalamualikum शुक्रिया xie-xie
mercí zikomo efharistó
ありがとう
kiitos
urakoze
danke
thank you
tak
ke iturnetse
zikomo
terima kasih
dhanyawaad
asante

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