



International Center for Tropical Agriculture

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PABRA COORDINATION HIGHLIGHTS

PABRA STEERING COMMITTEE

22nd-24th March 2011

Bujumbura, Burundi

By

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Intra & Inter Network Strengthening

- Introduction
- PABRA Highlights
 - PABRA Workplan 2010/2011
 - Adaption of New RBM
 - Research
 - Partnership initiatives
 - Key Events
 - Resource Mobilization
 - Staff
- Acknowledgement



DONORS

CIDA, SDC, USAID, BMGF, McKnight, ASARECA,
KHT, SADC-FANR , AGRA, KIRKHOUSE

WECABREN
10



Southern Africa Bean Research Network
SABRN
11

ECABREN
Eastern and Central Africa Bean Research Network
Réseau de Recherche sur le Haricot en Afrique de l'Est et au Centre
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**Pan-Africa Bean Research Alliance (PABRA)
Member Countries (28)**

PABRA Workplan 2010/2011

- Financial Support:
 - CIDA, SDC, BMGF, McKnight, AGRA, RUFORUM, Kirkhouse Trust, Harvest Plus, USAID, NARS, NGOS / Private sector.
- Mode of Contribution
 - Through PABRA,
 - Directly to Partners
 - In Kind contributions from the NARS, NGOS/Private sector

CIDA Supplementary Support in 2010/2011

- Additional CAD \$ 1M to PABRA.
- Support to:
 - Three networks (ECABREN, SABRN, WECABREN)
 - Scale up on-going activities
 - Support new activities
 - Cover some activities in additional countries.

Distribution of Supplementary Support from CIDA (in \$ CADs)

	Varietal Resilience	Non Varietal Resilience	Nutrition	Markets	REU	M&E, and Information Management	Gender	Intra & Inter Network strengthening	TOTAL
ECABREN	63,300	48,500	74,800	45,500	51,600	15,000	40,000	10,000	348,700
SABRN	90,900	52,000	82,533	32,500	32,000	24,000	46,000	20,000	379,933
WECABREN	45,800	20,000	35,700	15,500	17,000	20,000	27,000		181,000
PABRA/CIAT	28,500	3,000			30,000	5,000		23,867	90,367
TOTAL	228,500	123,500	193,033	93,500	130,600	64,000	113,000	53,867	1,000,000

Implementation

- Research
- Facilitation
 - Partnership activities
 - Information exchange
 - Capacity building
 - Technical backstopping
 - Resource mobilization
- Most activities as per workplan accomplished

Adaptation of Modified Result Based Management

- Training Course, Kampala - October 2010
 - By *Centre for Intercultural Learning (CIL)*
 - Support by CIDA
- Revised current Performance Measurement Framework and Logic Model

Project Goal

Outcomes

Improved nutrition and health, gender equality, food security, incomes and natural resource base for sustainable livelihoods of resource poor women and men farmers

Resilience – Improved varieties

Resilience Non varietal

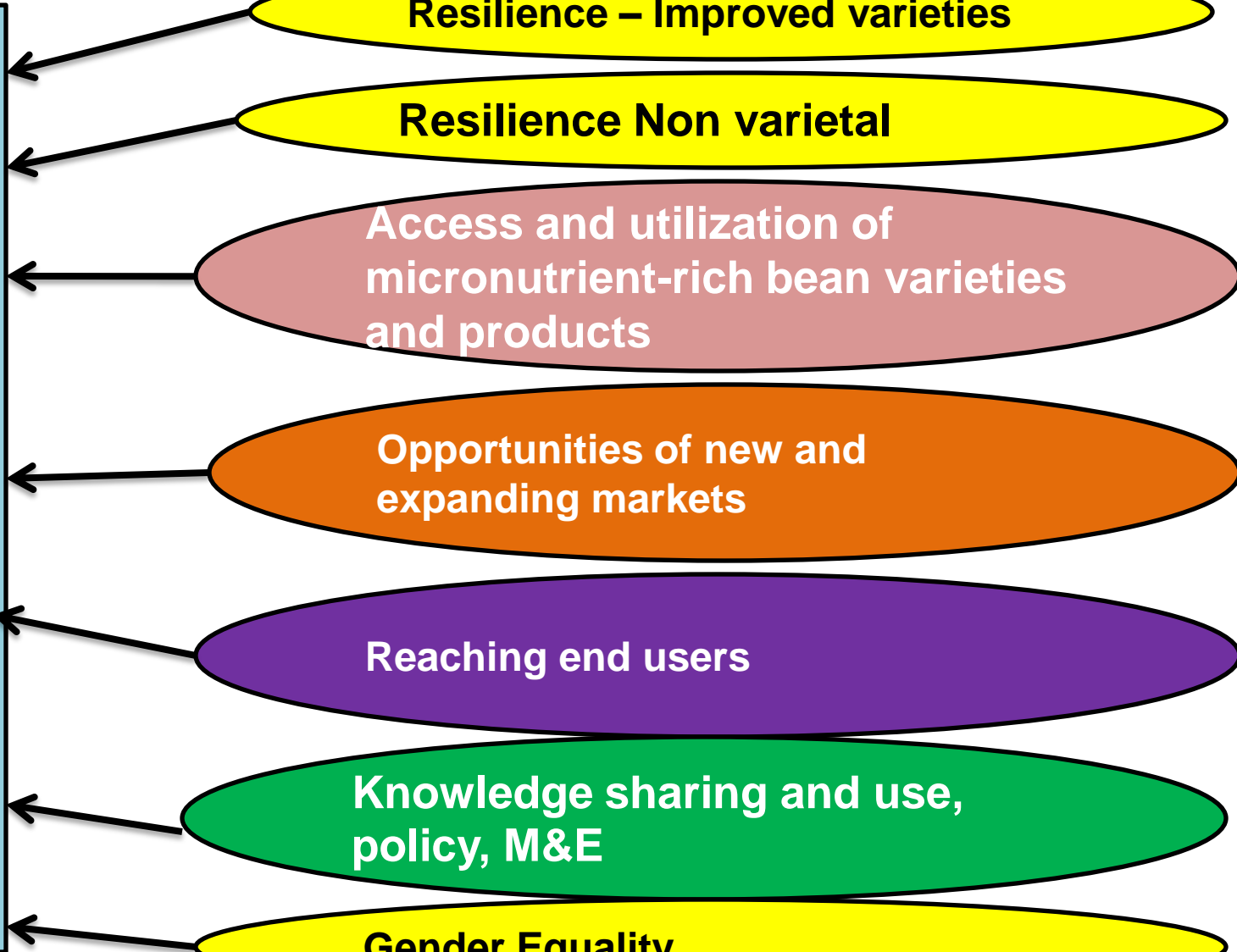
Access and utilization of micronutrient-rich bean varieties and products

Opportunities of new and expanding markets

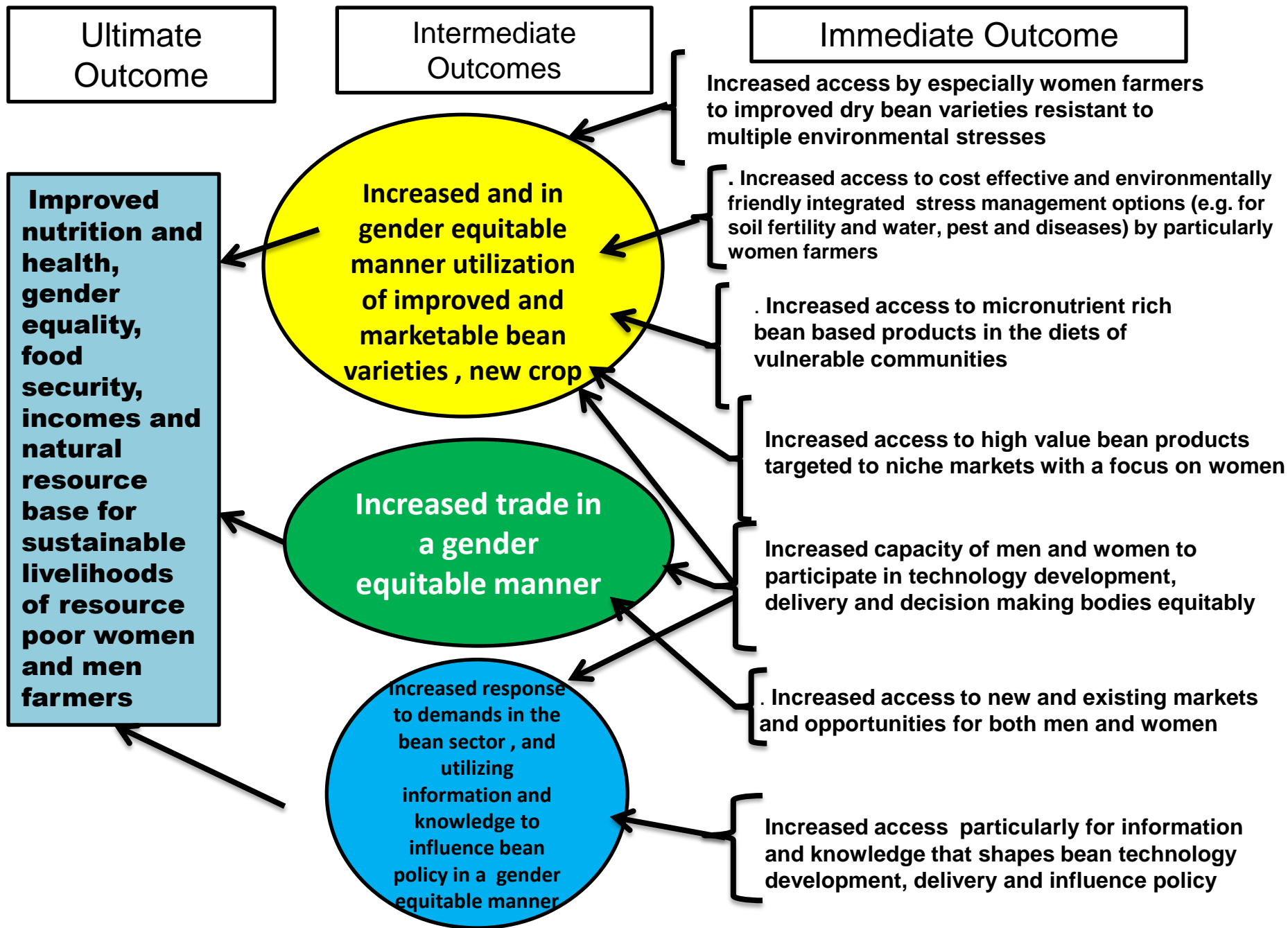
Reaching end users

Knowledge sharing and use, policy, M&E

Gender Equality



REVISED PABRA LOGIC MODEL 2009-2013



Application

- Workplan 2011–2012 (based on revised RBM)
- PABRA Reports:
 - Technical (Based on Old Framework)
 - Narrative (Based on Revised RBM)

Objective 2

Improve and expand market facilities and services for staple foods commercialisation

RESULTS

R 2.1

Improved access to services that enhance staple food production of Staple Foods

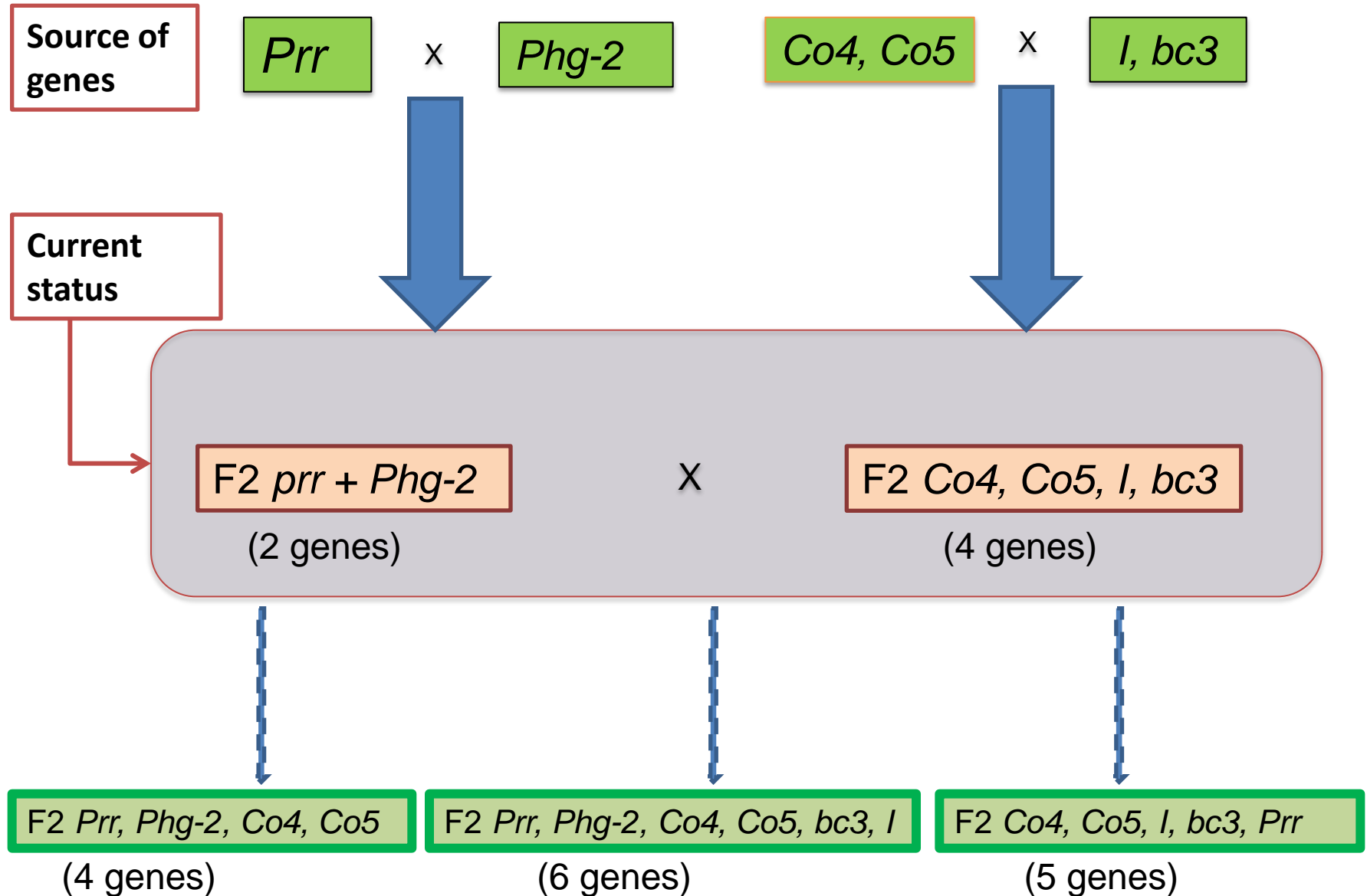
R 2.2

Improved access to Market Services and Facilities

R 2.3

Increased integration and regional competitiveness of Staple Foods Markets

MARKER-ASSISTED GENE PYRAMIDING FOR MULTIPLE DISEASE RESISTANCE





+ plant extract



No application

Potential bio-control options: effect of plant extracts on *Aphis fabae* (above) and *Mortereilla alpina* fungus against *Pythium* root rot (below)



Susceptible

Resistant

Bean plants in soils infested with *P. ultimum*



Susceptible

Resistant

Bean plants in soils where *M. alpina* is moderating the effect *P. ultimum*

Amylase Rich - Bean Based Food Product to Address Nutrient Deficiencies in Children- Ethiopia

- Focus – Iron, zinc and protein needs/deficiencies, nutrient density and quality

Light nutrient dense food product for weaning children

Recommended Nutrient Intake (RNI) for children

Protein - 11g/day
Iron – 11mg/day
Zinc – 5mg/day

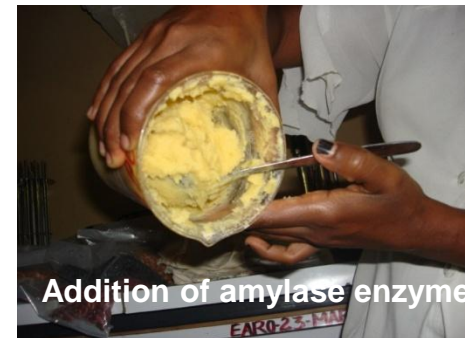
Formulation

70 % of maize/other staple + 30 % of Micronutrient rich beans

Protein 13g/100g
Iron 7.19mg/100g
Zinc 2.47mg/100g

If children consume 200g/day,100% of RNI is achieved

- The products is being tested in Ethiopia for utilization in addressing iron zinc and protein deficiencies in children weaning away from breast feeding



Integration of PABRA nutrition activities into the Zambia Medium Term Expenditure Framework (MTEF)

- National Food and Nutrition Commission (NFNC) develops annual MTEF plans every very year.
- In consultation with the NFNC PABRA nutrition activities were enshrined into the MTEF
- Activities will be implemented by the NFNC at the national level



All R+D : ‘Minimum Screening Criteria’

(ECABREN + SABRN + WECABREN Steering Committees endorse)

1. Male and Female clients (users) interests and needs have to be taken into account in the design of the research design of the proposal;
2. Any technologies or processes developed have to be shown to be gender-neutral or gender-sensitive (unless explained otherwise);
3. Project/program Monitoring and Evaluation (M&E) has to show gender-differentiated results;
4. Gender- differentiated data have to be aggregated in and fed into a CIAT-wide database;
5. Any formal impact studies have to report gender differentiated results .

Partnership Initiatives

- CORAF – Formalization of WECABREN
- Kirkhouse Trust - Annual Meeting, Training
- CGIAR- Research Programs (Mega Programs)
- Seed and Markets - COMESA / ACTESA
- Nutrition – National Level Strategy – Zambia
- CIAT-PABRA/FAO-UG/FAO-ROECA: climate change,
- CIAT-PABRA/University of Leeds: Seed viability in storage
- CIAT-PABRA/The University of Cambridge: Induced insect resistance in beans
- Impact Assessment – CGIAR- CIP and Virginia Tech

KEY EVENTS

Event	Dates	Place
SABRN SC meeting and Gender training	4 th to 8th Oct 2010	Maputo, Mozambique
WECABREN Partners meeting	1 st to 5 th November 2010	Bamako, Mali
ECABREN SC	17 th to 21 st January 2011	Bujumbura, Burundi
PABRA team and Partners RBM training	19th to 21st Oct 2010	Kampala, Uganda
PABRA Quarterly Review	July, Sept 2010 & Jan 2011	Kampala, Uganda
Disease Phenotyping training for WECABREN	7 th Nov to 4 th Dec 2010	
Write-shop and Scientific writing training	20 - 27 Feb 2011	Arusha, Tanzania
Rust Training	6 th to 12 th March 2011	Potchefstroom and Cedara South Africa
WECABREN Gender Training	16 th to 19 th March 2011	Bamako, Mali
Nutrition Working Group meeting	25 th to 28 th April 2010	Kampala, Uganda
ISFWM and IPDM Working group	5 th to 9 th Dec 2010	Kampala, Uganda

Resource Mobilization

- Supplementary Request from CIDA – **5 million CADs**
- **ASARECA - ECABREN US\$ 900,000**
- **BIO-INNOVATE - ECABREN US\$ 1,0 million**
- McKnight Foundation – SABRN **US\$ 180,000**
- COMESA /ACTESA - **EURO 101,250**
- **Second Phase of Tropical Legume-II BMGF**
- Identification of opportunities

STAFF CHANGES

- Staff departures.
 - ECABREN Breeder
 - CIAT Geneticist (CIAT HQ)

- Started work:
 - ECABREN Coordinator
 - Nutritionist

Future Events and Emphasis

- CIAT Annual Program Review and Board to meeting in Nairobi (May 2011)
- Enhance emphasis on
 - Gender
 - Climate change
 - Environment Considerations
- Opportunities for resource mobilization
- Opportunities for partnerships

Acknowledgments

- Development partners: CIDA, SDC, BMGF, RF, AGRA, KHT, McKnight Foundation.
- SROs: ASARECA, SADC-FANR, CORAF, COMESA
- NARS (NARIs, Universities)
- NGOs, Private Sector
- ARIs,