Regional High-Level Plan for Africa
Maize and Wheat for Africa

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Introduction

- CIMMYT Strategic Plan Implementation
  - FEESO – Focus, Efficiency, Efficacy, and Services Orientation
  - 1CIMMYT
  - Resource mobilization (RM)
    - Institutional annual RM action plan
    - Country-level multi-year RM action plan
    - High-level multi-year regional plan for Africa
The Process
Principles

• Alignment with CIMMYT’s Strategic Plan and RM Plan

• Leveraging CIMMYT’s strengths and comparative advantage

• Use of participatory approach with staff from the 3 Regional Offices to develop shared vision and build buy-in and commitment under the leadership of the CRR of Africa and PMU

• Use of intelligence and experience
  – Data and information at country level on agricultural, land potential, poverty, and food and nutrition insecurity
  – Country/regional development and climate change priorities
  – Political agenda

• Strong communication of vision and purpose of plan, including roles and responsibilities
Foundational Elements

- CCR training and country plans in 2017 (Wageningen) and 2018 (Mexico)

- CCR and Management Committee Retreat 2018

- Capacity built at Regional Offices in RM in 2018 lead by PMU

- Country-based RM action plans developed in 2018 - Ethiopia, Kenya and Zimbabwe
  - Processes and mechanisms to improve RM at country
  - Strategies and actions for current and new funders
  - Opportunities for new business models
Foundational Elements

• Institutionalized RM efforts at country-level

• Initial ambition and inceptive content for the regional plan developed as a business plan (Canvas model)

• Group of diverse scientists from the 3 Africa Regional Offices (ROs), including experts from Headquarters (PMU), identified to support the development of the plan

• DG conducted comprehensive visit of the 3 Africa ROs in Sept 2018 and attended AGRF
  – Creation of innovation teams in each of the 3 Africa ROs
Next Steps

- **October**
  - Collection, analysis and summary of information, data, experience and ideas

- **November**
  - Workshop with diverse scientists and key experts from Headquarters – facilitated by PMU
  - Draft regional plan based on the content from the previous steps

- **November/December**
  - Consultations with scientists and MC to strengthen the plan

- **December**
  - Final plan approved by ExCo and presented to CIMMYT’s Board of Trustees
The Components
An Integrated Approach
CIMMYT in Africa

- Currently spends roughly $40M per year in Africa,
  - Nearly 40% of the organization’s overall expenditures (see figure on the right, based on CIMMYT’s 2017 expenditure reported to CGIAR System Management Office)

- 160 staff members in 3 regional offices
  - Kenya 63, Ethiopia 38 and Zimbabwe 59

- Projects cover 22 of the 54 African countries, across all CIMMYT’s Programs
CIMMYT in Africa

• Long and successful history in Africa
  – Rapid response to emerging threats
    • Innovative breeding techniques
    • Integrated pest management technologies
    • E.g. - MLN, UG99, FAW
  – Farming innovations
    • Work with farmers to tailor sustainable intensification practices
      – *Sustainable Intensification of low input agriculture systems*
      – *Limiting environmental impact*
  – Gender responsiveness
    • Suite of tools and resources for scientists applying gender-aware approaches (GENNOVATE)
    • Ensuring that both male and female farmers have access to CIMMYT innovations: improved seed, machinery and agricultural techniques
CIMMYT in Africa

• Long and successful history in Africa
  – Healthy crops
    • Release of 300 varieties of maize in last 10 years
    • Release of 36 new maize and 17 wheat varieties in Africa in 2017
    • Crucial traits to respond to climate change and improve food and nutritious security
      – Drought and heat tolerance
      – Enhanced levels of micronutrients – vitamin A, zinc and iron
  – Mechanization
    • Small-scale mechanization to reduce farmers’ workload
    • Save time and increase productivity
      – Farmers in Malawi are saving 35-45 days of labor with direct-seed machinery
  – Capacity building
    • Technical courses, farmers’ days, workshops, Ph.D./MSc students
Scope

• Target current countries where CIMMYT works
  – Possibility to expand to other African countries where maize and wheat cover significant areas

• Integrated approach for impact
  – Cross-programmatic and 1CIMMYT approach
  – Similar to MasAgro’s Maize for Mexico
  – Scenarios for future maize and wheat production at country level
Integrated Approach for Impact

Socio-Economic Program

Sustainable Intensification

Maize / Wheat Program

Genetic Resource Program

Country-led Innovative Teams

PM, MEL and RM

Innovative Business Models

Gender and Social Inclusiveness

Innovative Business Models

Gender and Social Inclusiveness
Proposed RM Ambition

To increase and sustain budget from $40M to $50M per year through an integrated approach for impact (Maize and Wheat for Africa) and from diverse sources: current and new partnerships, and new business models.
Integrated Approach for Impact

• Social sciences and scenarios studies
  – Evidence for targeted research and interventions
  – Greater understanding of the value chains
  – Influence positive policy and market changes

• Genetic research
  – Use and share comprehensive collection of maize and wheat genetic resources
  – Accelerating genetic gains through novel diversity and tools

• Maize and wheat breeding and seed systems
  – Varieties and seeds that meet the needs of Africa
    • Responding to climate change, and diseases and pests
    • Improve food and nutrition security
Integrated Approach for Impact

• Sustainable intensification
  – Adoption of new technologies and approaches aligned with the context of the local agri-food systems
    • Improved crop varieties, resource-conserving technologies, crop diversification, appropriate mechanization and better postharvest practices

• Gender and social inclusiveness
  – Integrate in research and management of projects
  – Identify relevant results to be achieved

• Capacity building and engagement with partners
  – NARS, and public and private partners
Integrated Approach for Impact

CIMMYT recognized as a LEADER by funders and partners in Africa where CIMMYT has the comparative advantage
Thank you for your interest!