OVERVIEW OF CCARDESA RESEARCH ACTIVITIES

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Regional ICKM Community of Practice Workshop

Johannesburg, 11 October, 2018
Background

- SADC Region is rich in natural resources
- Faced with low Agricultural Productivity
- Growing population & high rural poverty
- At continental level, food security and agriculture given high priority in 2003 - CAADP
- In 2007 SADC Council of Ministers approved the review and harmonisation of the policy for Agriculture and Natural Resources as one of the region’s priorities
- Regional Agricultural Investment Plan (2017-2022) approved by Agric. Ministers in 2016
SADC Regional Agricultural Policy (RAP) provides an overarching policy framework that defines common agreed objectives and measures to guide, promote and support actions at regional and national levels in the agricultural sector of the SADC Member States in contribution to regional integration and the attainment of the SADC Common Agenda.

Muchero (2016)
Background To Creation of CCARDESA

• Sectors coordination was in Member States
• Southern African Centre for Cooperation in Agricultural Research and training (SACCAR) – promote cooperation & coordinate research, training & info exchange in SADC
• SACCAR closed down - 2001
• SADC restructuring
Establishment of CCARDESA

- SADC Multi-country Agricultural Productivity Programme (MAPP) – identified 4 broad R&D thematic areas and cross cutting issues (2008)
- 2009 -2011 – birth of CCARDESA
- CCARDESA established as an SRO by SADC member states- Feb 2010
- CCARDESA launched in July 2011
Roles of CCARDESA

- To coordinate implementation of regional R&D programmes
- Facilitate collaboration among NARs & CG
- Promote public-private partnerships in regional agricultural R&D
- Improve agricultural technology generation, dissemination, and adoption in the region through collective efforts, training and capacity building
Roles of CCARDESA cont’d

• To empower and strengthen farmers and their organisations or groups into effective partners in agric devt and enhancing their access to markets and negotiating skills

  To facilitate devt. of sustainable education, training and learning systems that contribute to farmer-oriented innovation and technology transfer systems for the region

• To promote co-operation, consultation and exchange of scientific and technical information on best practices in agric. research and advisory services in the SADC region.
VISION: A food secure and prosperous Southern African region with vibrant rural livelihoods

MISSION: To promote innovative research, technology generation and adoption for sustainable agricultural development through effective partnership and capacity building

THEME 1: Farmer Empowerment & Market Access

THEME 2: Research and Technology generation and farmer demand driven advisory services

THEME 3: Knowledge, Information and Communication

THEME 4: Institutional Development and Capacity Building

THEME 5: Establishment and Strengthening of CCARDESA as an effective SRO
CCARDESA ENGAGEMENT WITH PARTNERS AND STAKEHOLDERS

Regional Stakeholders:
- Governments
- Farmer Organizations
- Development Partners
- Private Sector
- Researchers

NATIONAL LEVEL
- Governments
- Farmer Organizations
- Development Partners
- Private Sector
- Researchers

REGIONAL LEVEL
- Coordination of multi-country studies
- Synthesis of common regional issues
- Resources mobilisation
- Partnership & Networking
- Skills transfer & capacity building

Non State Actors

Private Sector

National Policy

Farmer Organizations

Universities

NARES

All the 16 SADC Countries
- Angola
- Botswana
- Comoros
- DRC, Lesotho
- Madagascar
- Malawi
- Mauritius
- Mozambique
- Namibia
- Swaziland
- South Africa
- Tanzania
- Seychelles
- Zambia
- Zimbabwe
Implemented R&D Activities cont’d

Signed MoUs with Several Partners

1. Crops for the Future Research Centre
2. RAEIN-AFRICA (biotechnology & biosecurity)
3. RUFORUM (capacity building)
4. CIRAD
5. ICRISAT
6. International Institute for Tropical Agric – IITA
7. COMESA
Implemented R&D Activities: Networking

• Forum for African Agricultural Research (FARA)
• **Southern Africa Bean Research Network**
• Conservation Agriculture Reg. Working Group
• Deans of Faculties of Agriculture
• Management of Animal Genetic Resources
• Engaged CG Centres: ILRI, IFPRI, IITA, CIAT, CIMMYT, ICRISAT, WorldFish
• Directors of Research
• SARFAAS
# PAST Research & Development PROGRAMMES

- **Sub-Saharan Africa Challenge Programme (SSA-CP)** - ended 2016
- **Regional Agricultural Information and Learning Systems (RAILS), and the Dissemination of New Agricultural Technologies in Africa (DONATA) projects** - ended 2015
- **ICKM – CTA** ended 2016  Output- SAAIKS
- **UniBRAIN** ended 2016
- **Feed the Future Programme** ended 2015
Current Research & Development Programmes

• Agricultural Productivity Programme for Southern Africa (APPSA) – expansion (Angola & Lesotho)
• Adaptation to Climate Change in Rural Areas of SADC - (ACCRA) (2016-2019)
• Technologies for Africa Agriculture Transformation- TAAT – launched July 2018
• Wheat for Africa (2016- 2020)
• Anim. Genetics Project-2016-2019
Objectives:
To increase the availability of improved agricultural technologies in participating countries

- establishing Regional Centers of Leadership (RCoLs) on commodities of regional importance,
- supporting regional collaboration in R&D
- facilitating increased sharing of agricultural information.
APPWA Components

1. Technology Generation & Dissemination

2. Strengthening Regional Centers of Leadership
   - upgrading of research infrastructure
   - improving management systems
   - developing human capital
   - strengthening seed regulatory & production capacity

3. Coordination and Facilitation
   - National level research coordination and management
   - Regional facilitation by CCARDESA.
   - R&D policy analysis and dialogue
Identification & testing of promising technologies
  3 calls for R&D proposals (2013; 2014 & 2016)
  74 R&D projects under implementation

### Commodity/Thematic Area

<table>
<thead>
<tr>
<th>Commodity/Thematic Area</th>
<th>Total # Projects</th>
</tr>
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<tbody>
<tr>
<td>Cassava</td>
<td>5</td>
</tr>
<tr>
<td><strong>Climate Smart Agriculture/CA</strong></td>
<td><strong>8</strong></td>
</tr>
<tr>
<td>Legumes</td>
<td>28</td>
</tr>
<tr>
<td>Maize</td>
<td>21</td>
</tr>
<tr>
<td>Rice</td>
<td>10</td>
</tr>
<tr>
<td>Sorghum</td>
<td>2</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>74</strong></td>
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Achievements - Capacity Development

1. Trained over 100: ICT, Beekeeping, Internship, M&E
2. Farmers - GAPs
3. Focus on youth
4. Advocacy for institutional change e.g. inclusiveness
5. Climate Change Adaptation training
6. Rapid Loss Appraisal Tool - assess Post Harvest losses
Achievements: Up to 2018

1. No. of collaborative research or extension projects under implementation: **106**

2. No of Technologies generated: **85**

3. No. of technologies disseminated: **554**

4. Number of direct Program beneficiaries: **2,232,088**

5. Number of people trained by CCARDESA Secretariat and CCARDESA supported initiatives: **2,405**

6. Number of partnerships and networks identified and developed: **13**

7. Number of beneficiaries benefiting from ICT tools developed/adopted by CCARDESA: **21,964**

8. Number of stakeholders accessing CCARDESA information management tools: **18,542**

9. Percentage of TIMPs developed using CCARDESA grants: **43**

10. Number of farmers and stakeholders accessing technologies and market information using CCARDESA information platforms: **4,280**
Challenges

1. Wide mandate but thin on resources
2. Partnership challenges
3. Countries and institutions slow to respond
4. Weak internal collaboration within NARS
5. Low quality of science
6. Insufficient information linking national & regional priorities
Future Direction

1. Resource mobilisation
2. Consolidation of implementation, monitoring & outputs from current projects
3. Strengthen learning and readjustment processes
4. Improving sub-sectoral coverage of projects; especially Forestry & Fisheries.
5. Dealing with emerging issues; climate change, youth, ICT, organic agriculture, conservation agriculture, etc.
WHY ICKM: Regional Info Hub

1. Need for dissemination and sharing of info & Knowledge across the region *(who is doing what, where, best practices etc)*

2. One stop shop for the regional knowledge products *(Not statistics)*; SAAIKS

3. CCARDESA is revamping its ICKM platforms

4. Harnessing the power of numbers and willingness to share

5. ICKM network is critical to feed info and share nationally and regionally
WE NEED YOUR SUPPORT
Thank you!!

www.ccardesa.org