



Centre for Coordination of Agricultural Research & Development for Southern Africa

Centre De Coordination De La Recherche Et Du Développement Agricole De L'Afrique Australe

Centro para a Coordenação da Investigação e Desenvolvimento Agrário na África Austral



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## OVERVIEW OF CCARDESA RESEARCH ACTIVITIES

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**Regional ICKM Community of Practice Workshop**

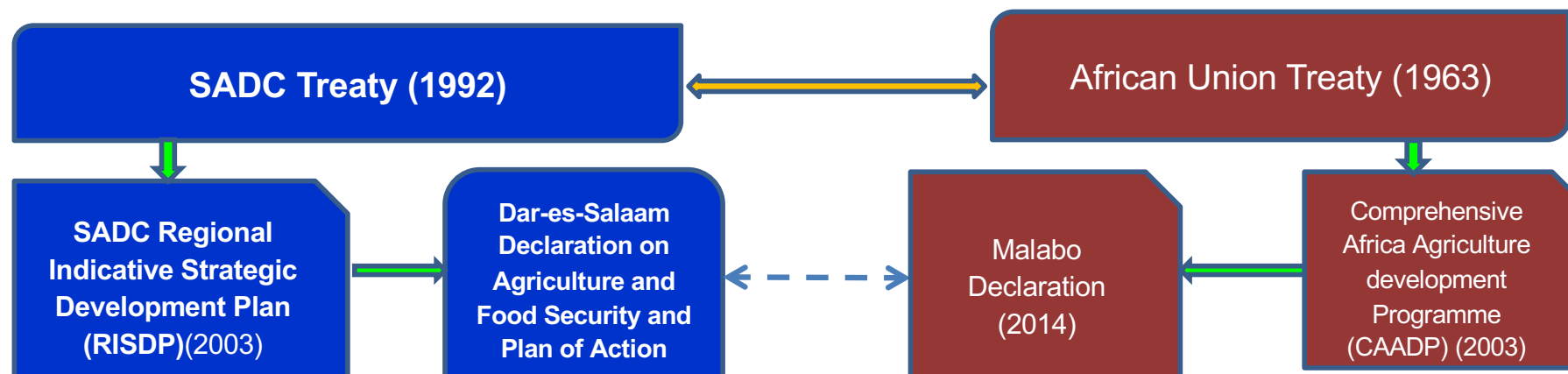
**Johannesburg, 11 October, 2018**

# 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



## FRAMEWORK ANCHORING RAP IN SADC



**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.*

# 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.

# CCARDESA: Mission and Themes

**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**

Farmer  
Empowerment  
& Market  
Access

**THEME 1**

Research and  
Technology  
generation and  
farmer demand  
driven advisory  
services

**THEME 2**

Knowledge,  
Information  
and  
Communication

**THEME 3**

Institutional  
Development  
and Capacity  
Building

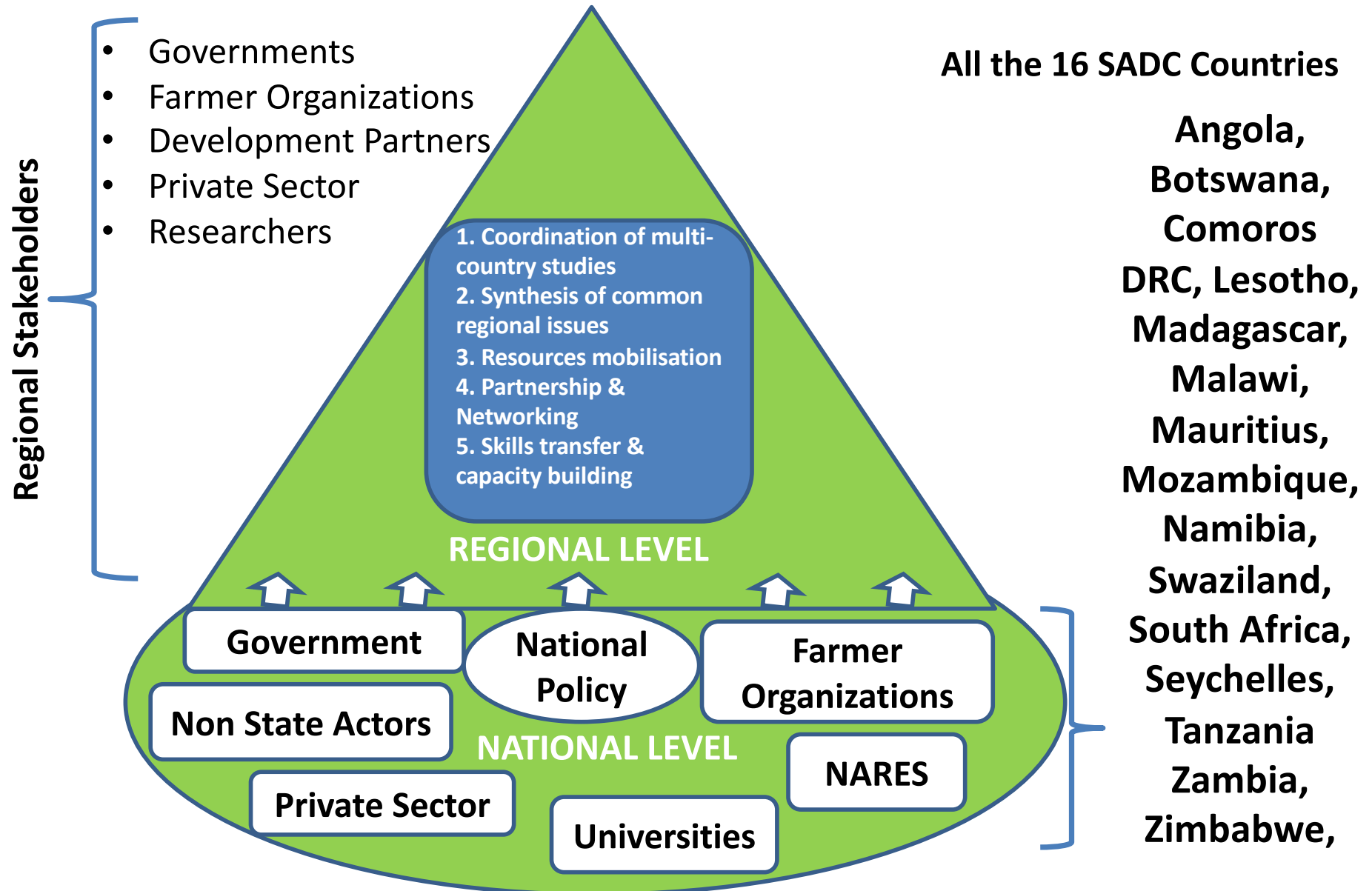
**THEME 4**

Establishment  
and  
Strengthening  
of CCARDESA  
as an effective  
SRO

**THEME 5**



# CCARDESA ENGAGEMENT WITH PARTNERS AND STAKEHOLDERS



# 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**



# Agricultural Productivity Program for Southern Africa – APPSA (2013-2019)

## 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.



# APPSA 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

## APPSA Technology Generation & Dissemination

- Identification & testing of promising technologies
  - 3 calls for R&D proposals (2013; 2014 & 2016)
  - 74 R&D projects under implementation

Commodity/Thematic Area	Total # Projects
Cassava	5
Climate Smart Agriculture/CA	8
Legumes	28
Maize	21
Rice	10
Sorghum	2
Total	74



# Achievements - Capacity Development

1. Trained over 100: ICT, Bee keeping, 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.
6. Development of Long term Strategy and MTOP-2 (2019-2023)

# 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

The screenshot shows the SAAIKS website interface. At the top, the browser address bar displays <http://saiks.net/>. The website header includes the CCARDESA logo and the text "SAAIKS Southern African Agricultural Information and Knowledge". A navigation menu contains "Home", "About", "Specialists", "Topics", "Resources", and "Institutional contacts". The "Resources" menu is open, listing "Videos", "Documents", "Policy", and "Links". The "Institutional contacts" menu is also open, listing "Permanent Secretaries", "Directors of Research", "Directors of Extension", and "Deans of faculties". A featured post titled "Climate Smart Agriculture Conference Report" is highlighted, with a sub-menu listing countries: Botswana, DRC, Lesotho, Madagascar, Mauritius, Mozambique, Namibia, South Africa, Swaziland, Tanzania, and Zimbabwe. Below the post is a row of national flags. The right sidebar contains social media links, a "FOLLOW US!" section with Facebook, Twitter, and RSS icons, a "COUNTRY" dropdown menu, and a "FOLLOW ME ON TWITTER" section with tweets from @ccardesaa. The bottom of the image shows the Windows taskbar with various application icons and the system clock displaying 10:48 on 08/03/2017.



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**USAID**  
FROM THE AMERICAN PEOPLE



Canadian International  
Development Agency



**SADC Directors of NARS  
Meeting Participants**

**DFID** Department for  
International  
Development



Schweizerische Eidgenossenschaft  
Confédération suisse  
Confederazione Svizzera  
Confederaziun svizra

Swiss Agency for Development  
and Cooperation SDC



**Thank you!!**  
**www.ccardesa.org**

