



United Nations
Economic Commission for Africa



Highlights

on

the CR4D in Africa initiative

Yosef Amha
(CR4D Secretariat, ACPC, UNECA)

Nairobi, Kenya
21 June 2021



Climate Research for Development (CR4D)



Arusha, Tanzania

- **an African-led initiative supported by partnership between ACPC-UNECA, AMCOMET, WMO, GFCS and WCRP**
- **an outcome of the African Climate Conference 2013 (ACC-2013)**
- **strengthens the links between climate science research and climate information needs in support development planning in Africa**
- **Officially launched in 2015 during the third AMCOMET meeting in Cape Verde**



Key Achievements

- *Operationalizing functional structure*
- *Research study and capacity building*
- *Development of 5-years strategy plan*
- *Establishment of grant mechanism*



1. *Establishing functional structure*

- **Establishing of the CR4D Secretariat with seed money from ClimDev Africa**
- **CR4D governance bodies**
 - *Oversight Board (OB)*
 - *Scientific Advisory Committee (SAC)*
 - *Institutional Collaboration Platform (ICP)*
- **Establishment of RCRP (Regional Climate Research Partnership) in East and Southern Africa sub-regions**





2. Study and Capacity

- **a comprehensive study on institutions, initiatives and experts in Africa in the past 10 years conducted;**
- **sub-seasonal to seasonal (S2S) pilot projects conducted in West and Central Africa;**
- **regional trainings on S2S forecasting and the Climate Information Services (CIS) conducted;**
- **Supporting 21 research projects in 13 African countries**



3. Development of CR4D 5-Years Strategy (2019-2023)

- *4 structural goals*
- *3 knowledge frontiers*
- *11 research thematic areas*





CR4D Knowledge Frontiers (KF) and Research Thematic Areas (RTA)



**underpinning
drivers and
dynamics of
climate variability
and change**



**climate forecast
skill on multiple
scales in time
and space**



**robust climate
change projections
for Africa**

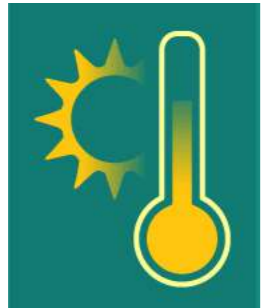


**prediction and
attribution of
climate and
impact extremes**

1. Foundational climate science



CR4D KF and RTA...



added-value in
sub-seasonal to
seasonal
prediction



understanding of
climate impacts
across GFCS
priority areas



CIS communication
theory, barriers
and opportunities



metrics and analytics for
evaluation and validation
of skill and uncertainty in
forecasting and
projecting

2. Impacts, information, translation, communication



CR4D KF and RTA...



Improved assessment of
the uptake, application
and use of CIS by
stakeholders



Enhanced capacity
for co-production
and transdisciplinary
research



Technology
innovations for
effective climate
services

*3. Engagement with policy, development
and decision communities*



United Nations
Economic Commission for Africa



4. Establishment of the CR4D Research Grant Mechanism



CR4D Research Grant

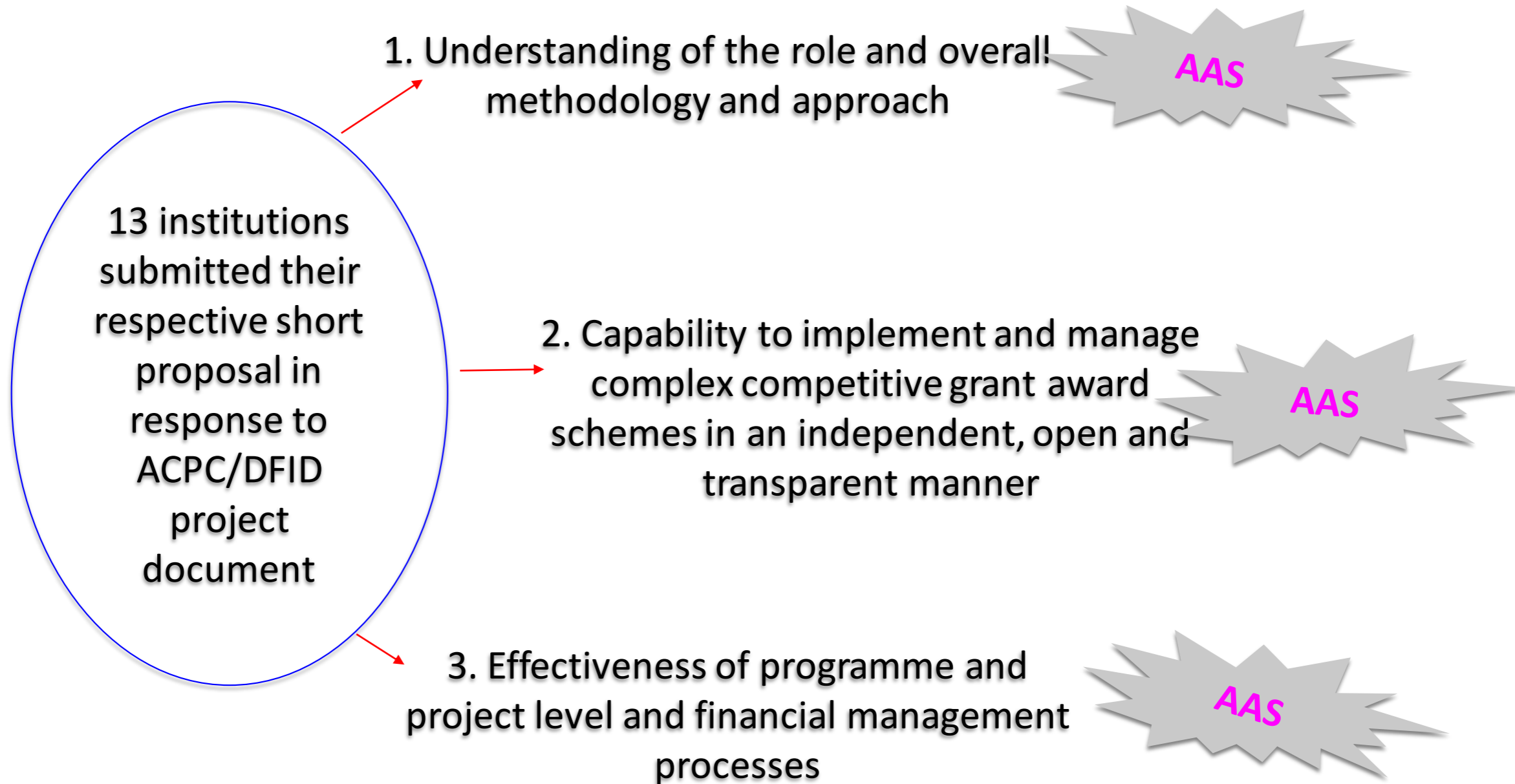
- **aims at establishing an African-led, small but potentially scalable research grant management facility**

➡ *A comprehensive project document on WISER funded CR4D research definition, oversight and uptake developed,*

➡ *2,847,000£ from the UK DFID (now FCDO) secured,*

➡ *18 months period*

➡ *African institution to manage CR4D research grant selected*



The WISER-funded CR4D research grant was officially launched on 3rd of June 2019 in Nairobi, Kenya



Commencement of the research

- **Launching of call for the research grant,**
- **Selection of the grantees,**
- **Conducting the due diligence of selected institutions,**
- **Commencement of the research,**
- **Periodic M&E.**



What is next?

- **Compilation and submission of research reports,**
- **Broadening of ICP membership to include more institutions from the Northern Africa region,**
- **Endorsement of 5-years implementation plan,**
- **Resource mobilization.**



United Nations
Economic Commission for Africa



Thank you
Mercy
Asante