



Building on the Legacy of Prof Obasi's Scientific Climate Research and Leadership: Introducing CR4D(www.uneca.org/cr4d)

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- **Promoting actionable climate impacts research**
- **CR4D and the under-exploited Adaptation Scale for Africa**
- **The Cumulative Nature of Climate Change**
- **CR4D space in the implementation of NDCs**
- **CR4D: Bridging the gap between technical and policy responses to climate change**
- **Cr4D+IPCC**



Climate Research for Development (CR4D)

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





CR4D Key Achievements



CR4D also envisages to frame ideas to move science for development forward...

- **Science beyond academies: Co-design, engagement with stakeholders**
- **Re-negotiate process: projects have to be participatory or engaging the local/national actors to enhance ownership**
 - **focus on national interest**
 - **avoid duplication**
 - **improve networking: Linking-people-to-people for impactful research**
 - **sustained commitment from the leadership**
- **Regional collaboration:**





CR4D Research Grant

- **aims at establishing an African-led, small but potentially scalable research grant management facility in African institution.**
 - **A comprehensive project document on WISER funded CR4D research definition, oversight and uptake developed,**
 - **2,847,000€ from DFID secured,**
 - **Grant managing institution selected through international bidding processes.**



The first cohort of the research grant...

- **amount of fund per research grant is in the range of 100k to 130k USD,**
- **project span time will be one year,**
- **180 proposals received and reviewed by 5 independent reviewers,**
- **30 applicants invited face-to-face interview (Gender, geographic distribution, thematic areas, originality, capacity building...),**
- **21 research projects from eleven countries selected.**

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



Where do fall short

- a home to **1.1% of the world's scientific researchers** (*The World Bank, 2010*).
- contributed to **<1% of the world's research output** (*Scopus database*).
- spent only **0.4-0.72% of global expenditure in research and development (R&D)** (*The World Bank, 2010*).
- accounted for only **0.1% of global patents**.





Reasons for low scientific contributions



Poor Scientific infrastructure in research laboratories of most African countries are characterized by:

- (i) outdated lab buildings, which needs refurbishments to qualify the current biological and chemical safety standards;**
- (ii) lack of sufficient equipment;**
- (iii) inconsistent power and water purification supply systems.**



Thank you