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**Closing Workshop**  
*for*  
**The Pan-Africa Component of WISER  
Programme**

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*Nairobi, Kenya  
09 December 2021*



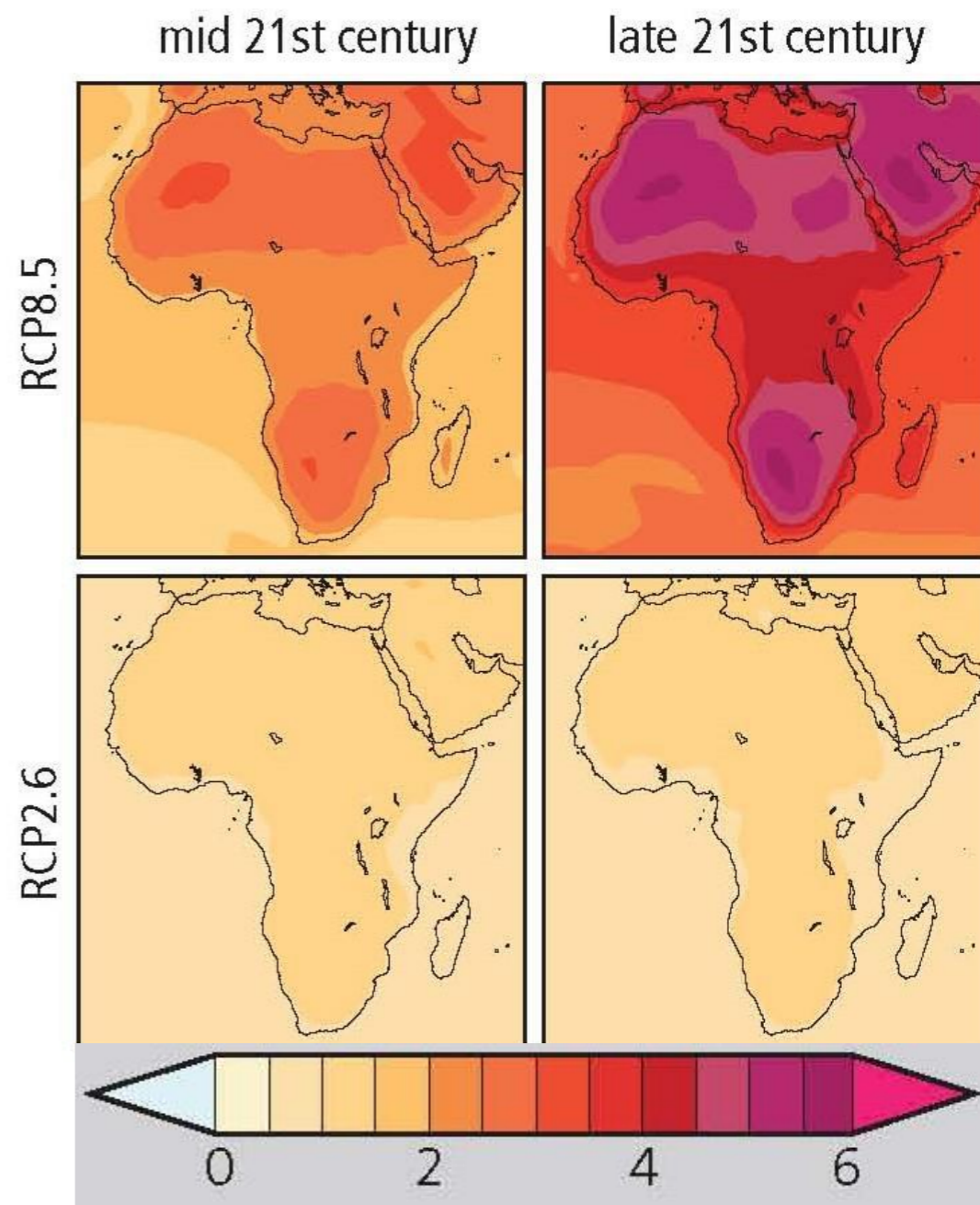
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# *Background and Justification*



## 5<sup>th</sup> assessment report of IPCC prediction:

- **Increasing in global warming**
- **Increasing variability in precipitation**
- **Increased intensity and frequency in extreme events**



IPCC (2018)



## Impacts on Africa's Agriculture

**By 2050, potential mean production losses for sub-Saharan Africa are predicted to be high (*Schlenker and Lobell, 2010*).**







## Impacts on Africa's Water

**By 2050, a 50% reduction in water availability across most Southern and Western Africa**

**12 countries would be limited to 1,000–1,700 m<sup>3</sup> per person per year, and the population at risk of water stress (<1000m<sup>3</sup>) could be up to 460 million people, mainly in western Africa.**





## Impacts on Africa's human security and conflicts

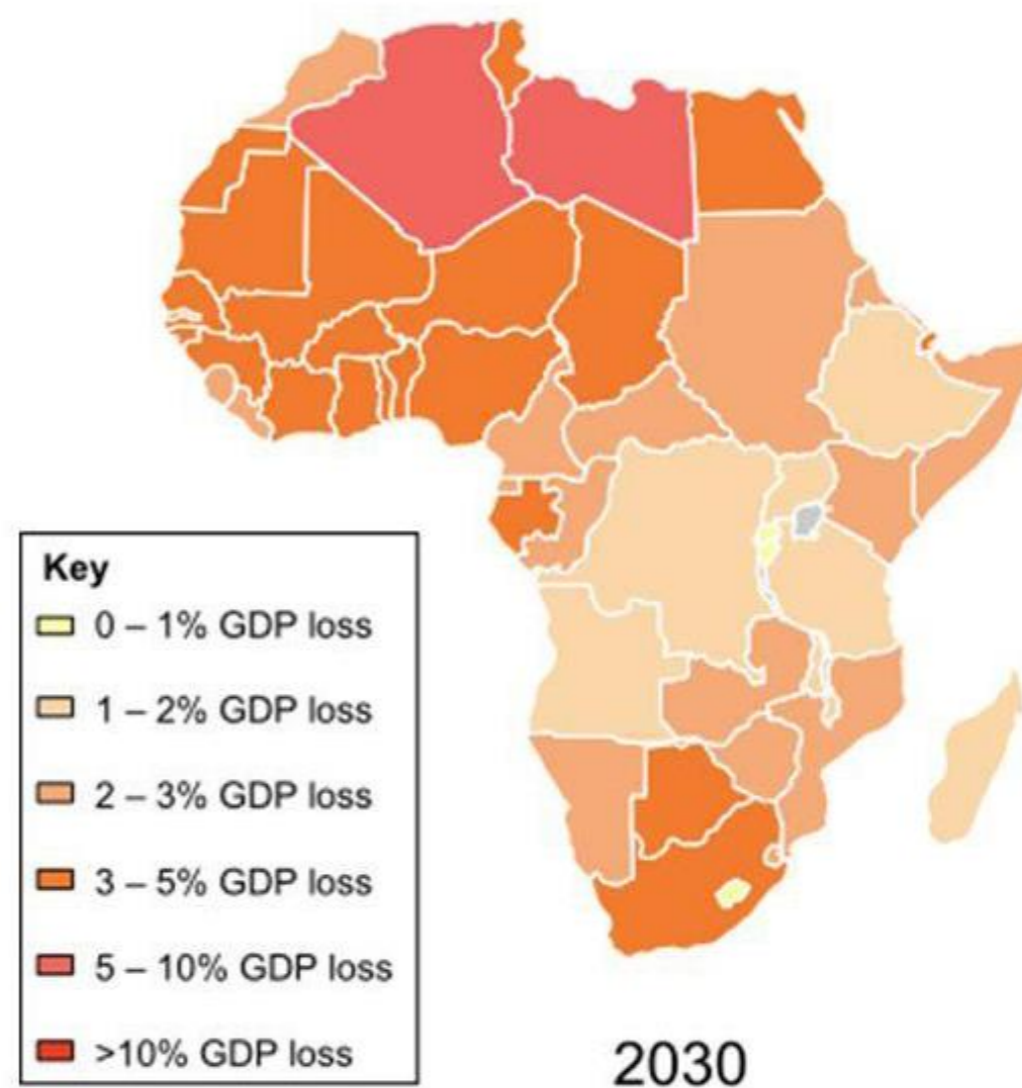


**Since 1980, more than 420,000 Africans have died and direct economic damages total at least US\$ 9 billion (*EM-DAT*)**



## Climate change impacts on Africa's GDP

**Most African countries  
projected to loss 3-5%  
GDP to climate change  
by 2030, with greater  
variation in sub-regions**





- **The challenge of mainstreaming climate change into development planning and practices.**
- **The policy and legislative environment does not also provide sufficient incentives for the uptake and use of CIS**

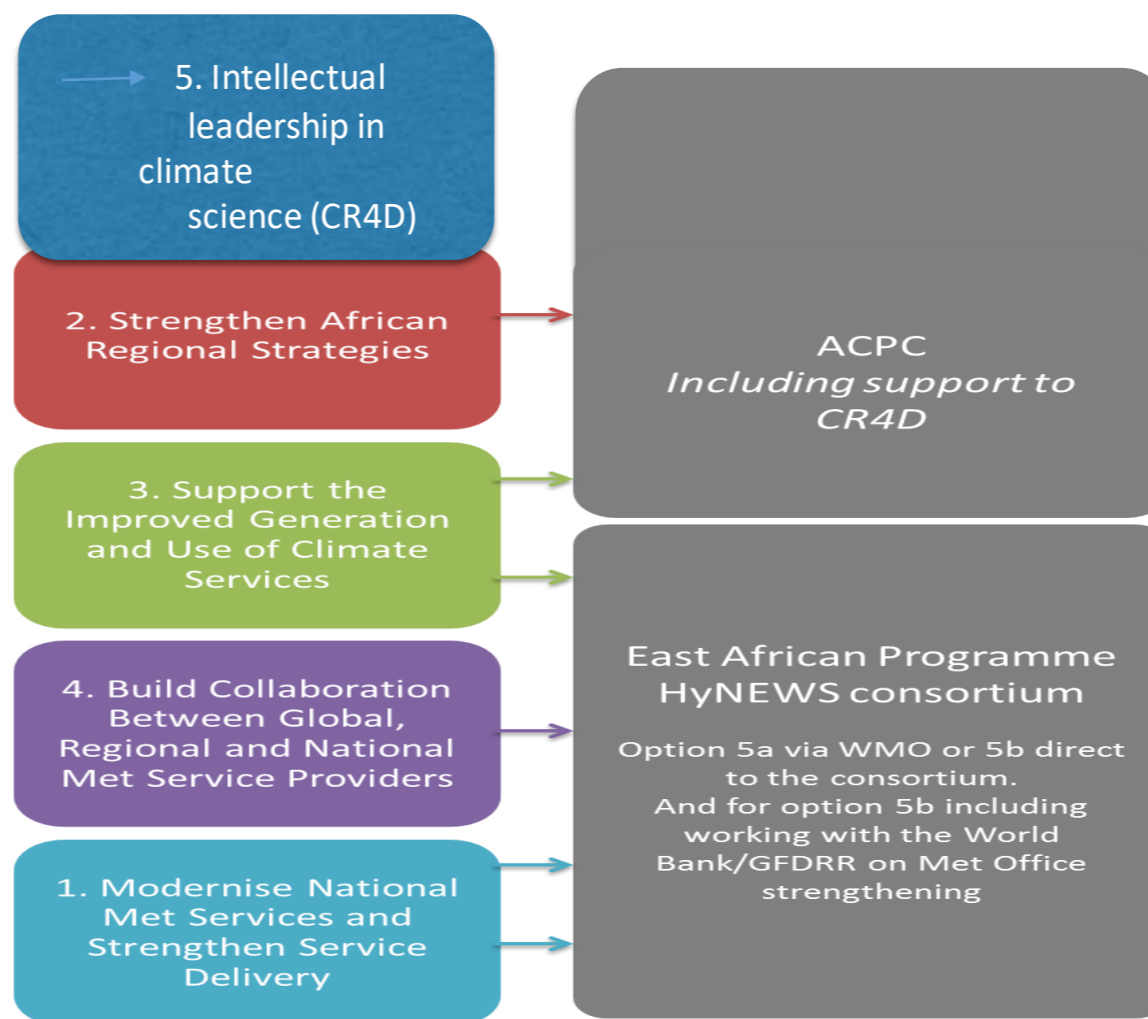
**Hence, in 2015, the DFID (now the FCDO) conceived**





## Aim of WISER

- **stimulate the uptake and use of climate information by policy makers and vulnerable groups**





# WISER OUTPUT 1

*Strengthened enabling environment for generation, uptake and use of weather and climate services to support sustainable development*



## **Sub-output 1.1. Analytical evidence of the socio-economic benefit and value for money of CIS uptake demonstrated**

- **SEB in DRR: The customized socio-economic benefit (SEB) of CIS model for DRR application developed and a comprehensive analytical report on SEB of CIS uptake in Disaster Risk Reduction (DRR) produced**
- **Nexus of CIS SEB in Water, Agriculture and Energy: Comprehensive model developed and tested using country data sets from Cameroon, Mozambique and Uganda. Analytical report produced.**
- **SEB of CIS for Zimbabwe agriculture and developed CIS-based Decision Support Tool (DST)**
- **Hands-on trainings on the utility of SEB model in DRR, Agriculture, Water and Energy sectors given to national focal points, line ministries representatives, researchers and planners.**



## **Sub-output 1.2. Existing platforms to enhance the enabling environment for accelerated investments in CIS**

- **3 decisions of the AMCOMET Hydromet forum**
- **1 resolutions of specialized Technical Committee (STC) of AUC**
- **7 key messages in the 4<sup>th</sup>-7<sup>th</sup> Africa Regional Forum on Sustainable Development (ARFSD)**
- **2 CIS related outcome statements submitted and adopted by CCDAs**





## **Sub-output 1.3. enhancing awareness of key policy makers and influence groups enhanced**

- **Pan-African Parliament (PAP)/ African Climate Legislative Initiative (ACLI).**
- **Ubuntu for Development** based in Accra promised to enhance gender engagement in the uptake and use of CIS
- **Media Training** on use of Climate Information in Development Planning
- **Sierra Leone and Uganda Houses of Parliament** promised to include CIS into national policy and plan
- **CSO and Youth** Training on uptake and use of CIS in development and planning
- **Ambassadors** awareness event based in Addis Ababa



## **Sub-output 1.4: WISER knowledge products packaged, translated into appropriate communication products and widely disseminated**

Produced more than **thirty knowledge products** on various topics including:

- (i) Making every dollar count: how investing in climate information pays dividends for Africa's key socio-economic sectors;**
- (ii) Calculating the cost of climate disasters – and why investments in climate information services pay off;**
- (iii) Addressing the missing links: how WISER's mapping tool will help key climate information groups connect;**
- (iv) Climate Information Services: training a critical mass of key influencers;**
- (v) Regional Climate Outlook Forums: best practice highlights**
- (vi) Linking climate research to development**
- (vii) Calculating the cost of climate disasters – and why investments in climate information services pay off**
- (viii) WISER knowledge management strategy effectiveness**



## **Sub-output 1.5: Partnership for coordinated delivery of CIS**

- **>50 partnership established** including with **UNITAR, RCCs, PAMACC, AAS, IIED, CSOs, PACJA, ESSTIC, UNESCO, AFD** and **CR4D grantee's institutions**
- **Saly Knowledge Management Platform** established
- **Mapping of CIS institutions** along **CIS value chain** studied and **interactive maps** developed
- **Private sector study** conducted
- **WMO Resolution-40 data sharing protocol** studied and **evaluated by different stakeholders**



# WISER OUTPUT 2

*Intellectual leadership in climate science  
in Africa built through innovative  
evidence generation and learning*





## **Sub-output 2.1: CR4D secretariat function**

### **Deliverables**

- **The institutional body of CR4D established (OB, SAC, ICP)**
- **CR4D 5-years strategy and implementation plan produced**
- **CR4D Scientific Advisory Committee (SAC) meeting organized**
- **Three ICP meeting organized**
- **Various studies conducted including S2S, Climate change impacts in various sectors**
- **Participate in selected climate research meetings in RCOFs, COP, AU Summit, Ministerial Meetings, WMO and other relevant institutions meetings, among others**



## **Sub-output 2.1: CR4D Grant Management**

- 87 publications in form of journal articles, blogs, policy briefs, book chapters, and others**
- 235 media mentions from January 2019 to August 2021**
- about 50% of the fellows reported promotions and career growth in one form or another while 67% were engaged in other research activities**
- \$503, 797 in additional and new grant funds were secured by several CR4D fellows during the implementation of the CR4D fellowships**
- fellows supervised and mentored about 69 master students, 25 PhD candidates, and 3 Postdoc fellows**



## **WISER Pan Africa component provides:**

- **over 6200 experts, researchers, parliamentarians, gender groups, UNFCCC focal points and civil societies trained**
- **supported number of joint analysis, learning initiatives and platforms that create enabling environment for the delivery of weather and climate services in Africa. In this regard, 4 joint analysis, 12 learning initiatives and 6 platforms supported.**
- **about 50 partnerships/networks were formed to promote the uptake and use of weather and climate information and learning through various channels.**
- **twenty-one CR4D post-doctoral fellows (12 female and 9 male) supported to conduct research across Africa**



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**The above presentation provides an overview of the Pan Africa WISER and details will be elaborated in subsequent presentations.**





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**Thank you!**

**Merci!**

**Asante!**