

AI4D PRESENTATION

11th MARCH, 2022

Research and Services Network (A Hub) for Responsible Artificial Intelligence for Climate Action Innovation in Africa [RESEN-RAICAIA]



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Director WASCAL Capacity Building Department

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www.wascal.org

Combating Climate Change. Improving Livelihoods



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2- Professor Majaliwa Mwanjalolo Jackson-Gilbert

Technical Assistant to the Executive Secretary

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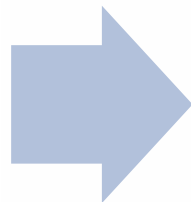
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3- Dr. Racine Ly

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WASCAL seeks to become one of Africa's leading science-based institutions in the provision of climate services in and for West Africa

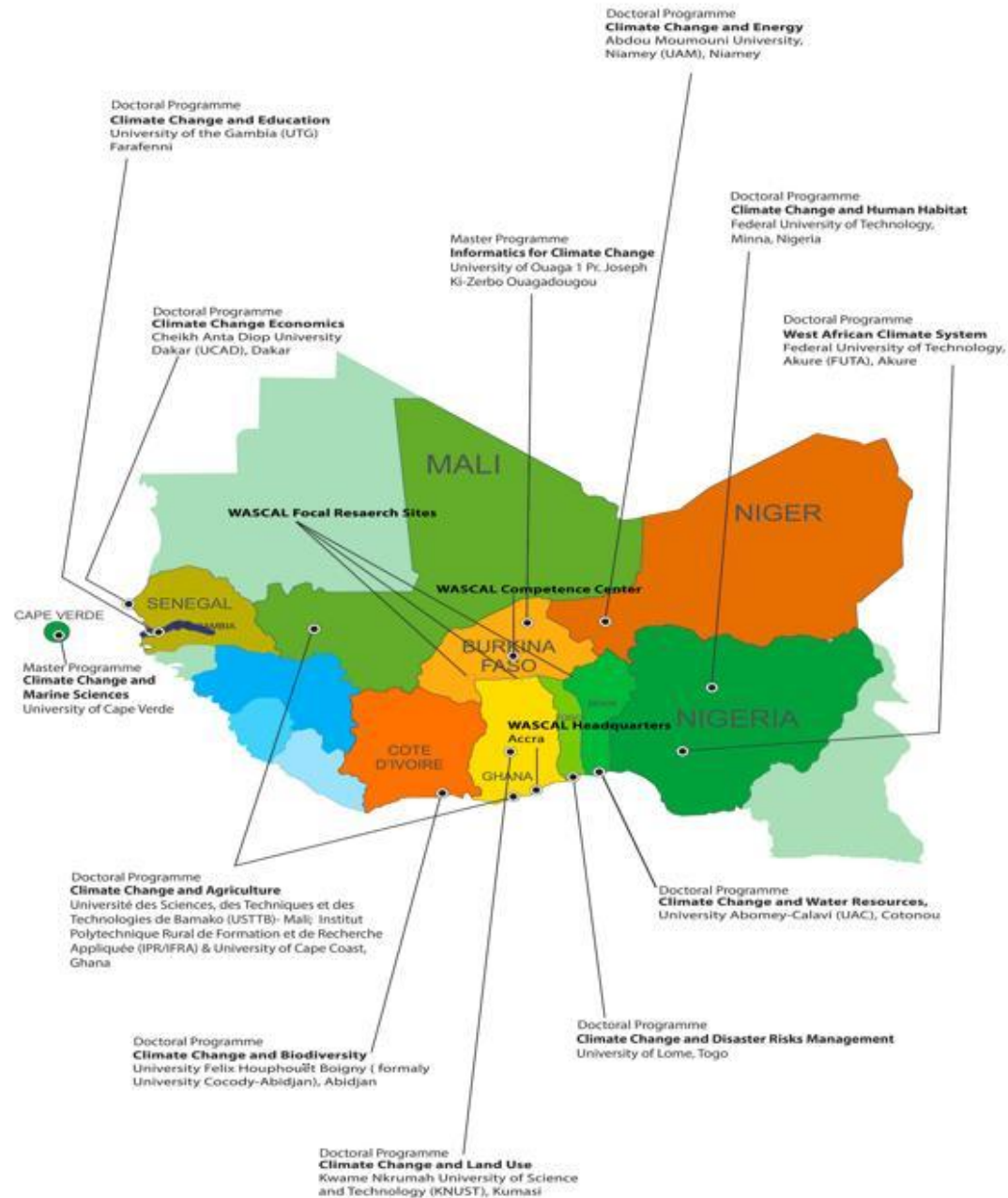


OUR MISSION



To provide information and knowledge at the local, national, and regional levels to its West African member countries to cope with the adverse impacts of climate change and devise integrated mid and long-term options to build up resilient and productive socio-ecological landscapes.

WASCAL SCHOOLS IN WEST AFRICA





WASCAL CAPACITY BUILDING DEPARTMENT

Educate the next generation of climate experts for Africa in different climate related issues for more resilience of the communities using suitable and sustainable management strategies.

Strengthen in relevant areas the existing human capacity of member countries to allow them to participate in the on-going global discourse on climate change and respond to current and future adaptation /mitigation challenges.



HEADQUARTERS
ACCRA- GHANA



COMPETENCE CENTER
OUAGADOUGOU-
BURKINA FASO

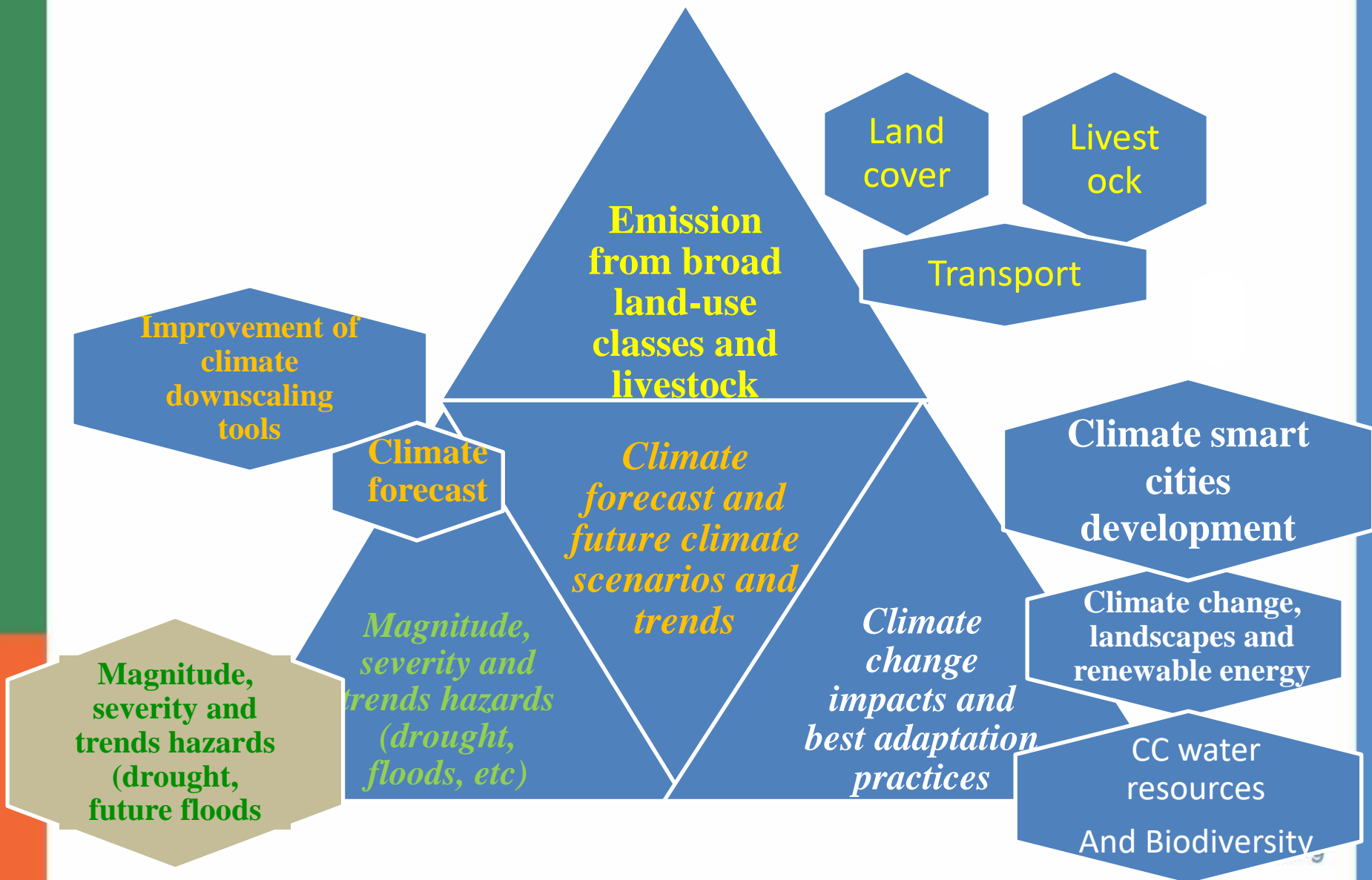
General Objective

To create an innovative research network in order to implement climate action in Africa through the responsible development and deployment of artificial intelligence innovations.

Specific Objectives

1. Deepen understanding of how to develop and scale responsible AI innovations for climate action in sub-Saharan Africa;
2. Build the capacity of 10 groups of African innovators and researchers to develop, deploy and scale responsible AI applications in climate action; and
3. Facilitate the contribution of African research to international AI policy and practice conversations

Main subject focus





Describe the network structure and setup

- High level description of how the network will be built and what it will look like
- Use an image if possible.

Promoting AI Deployment



Applied
Research
Technology
development
Net working

Policy and
Gender issues
Communication
Monitoring

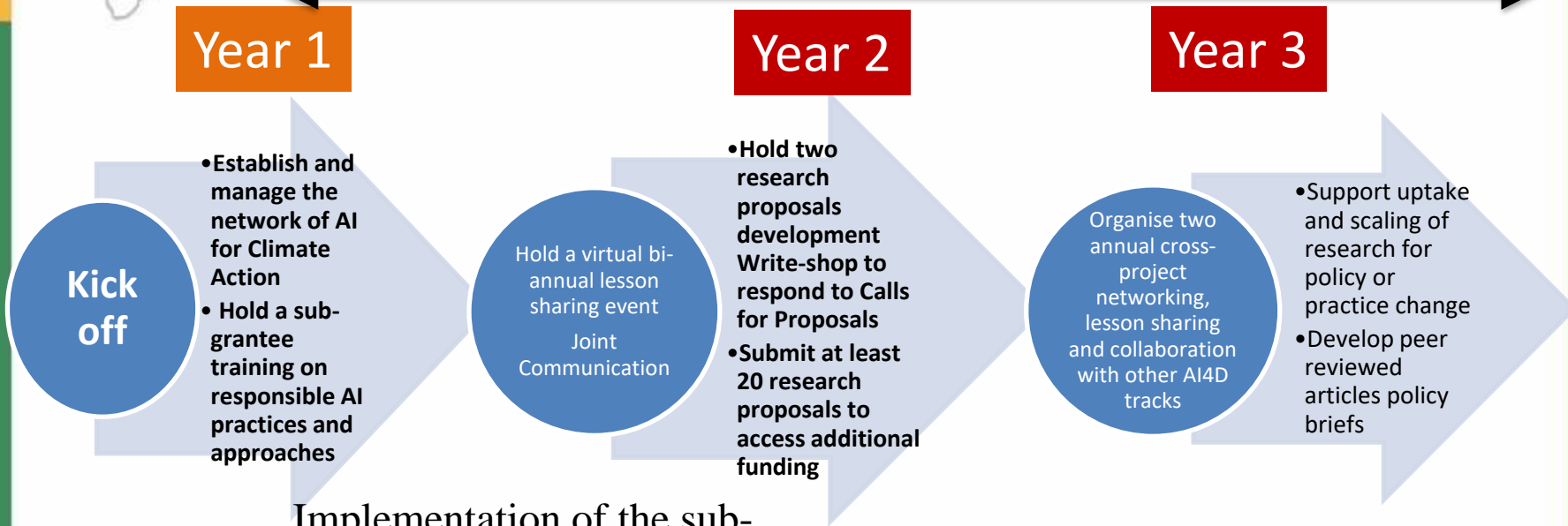
Innovation-
AI
development

Capacity Building



PROJECT SCHEDULE

Contributing to the overall AI4D Africa program strategy



Hold a virtual bi-annual lesson sharing event
Joint Communication

Organise two annual cross-project networking, lesson sharing and collaboration with other AI4D tracks

Implementation of the sub-grants including sub-grantee monitoring and evaluation

Technical backstopping, training workshops, networking and cross-project learning support to sub-grantees

Contributing to advancing knowledge and policy dialogues

Project management and evaluation

KEY RESULTS

- A network of at least 30 researchers and innovators (at least 3 per project) in responsible AI for climate action Developed.
- Mechanisms for expanding the network and leveraging more resources put in place
- At least 20 (10 female and 10 male) PhD trained
- At least 40 peer reviewed publications generated
- Knowledge generated widely disseminated to scientists and policy makers on the continent



West African Science Service Centre on Climate Change and Adapted Land Use (WASCAL) in partnership with

The Regional Universities Forum for Capacity Building in Agriculture (RUFORUM);

and

AKADEMIYA2063

Call for proposals of the Canada's International Development Research Centre (IDRC) and the Swedish International Development Agency (Sida) Graduate Research Grants

Call ID: IDRC-SIDA-RUFORUM/WASCAL/A2063-GRG /2022 called IDRC-SIDA-RESEN-RAICAIA-GRG /2022

Call for research proposals

On behalf of the Research and Services Network (A Hub) for Responsible Artificial Intelligence for Climate Action Innovation in Africa [RESEN-RAICAIA],

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THANK YOU

AKBARIAN

