

Climate Action in Africa



Climate Change Adaptation

Increasing climate resilience in Sub-Saharan Africa is critical for inclusive and sustainable growth. This includes supporting improved understanding of differential climate risks and vulnerabilities, and catalyzing investments in resilience building. Climate Action in Africa supports gender-responsive adaptation efforts in the water resources and agriculture sectors.

Submit your Request for Support from Canada's Climate Action in Africa Project by visiting climateactionafrica.ca or contacting climateactionafrica@alineainternational.com

Water Resources



Ninety-five per cent of farmed areas in Africa are rainfed and six countries in the region are almost completely reliant on hydro power. One in three Africans already face water scarcity - a number expected to increase in the face of climate change.

Some areas of Sub-Saharan Africa will experience more rainfall and others, significantly less. However, projected changes in timing of rainfall are consistent across the continent, increasing drought and floods. Improving water management can prevent further climate-induced food insecurity while reducing risks of transmissible diseases, such as malaria.

Climate Action in Africa supports:

- Community water management plans
- Restoring and protecting wetlands
- Food – Water – Energy Nexus
- Climate-resilient drinking water & sanitation systems
- Disaster risk reduction management
- And more

Agriculture



Agriculture, including pastoralism, is the largest source of livelihoods and employment in Sub-Saharan Africa. Already, 250 million people in Africa suffer from food insecurity due to climate change.

With varied agricultural systems, the agriculture sector and conservation of agricultural biodiversity in Sub-Saharan Africa are critical to future economic growth. Ensuring that agriculture is resilient to climate change will allow for sustainable expansion of the sector while delivering benefits for peace-building, human health and the protection of ecosystems.

Climate Action in Africa supports:

- Climate data systems
- Climate resilient agri-business
- Support climate-resilient crops viable in larger temperature & precipitation ranges
- Indigenous and traditional knowledge
- Finance mechanisms for women farmers
- And more

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