

# Climate Action in Africa



## Climate Change Mitigation

By 2040, renewable energy (RE) will make up about half of power generation growth in Sub-Saharan Africa. Some countries in the region are also prioritizing the conservation and restoration of large tracts of forests as a strategy to increase carbon stocks. Climate Action in Africa supports gender-responsive mitigation efforts in the energy and forestry sectors.

Submit your Request for Support from Canada's Climate Action in Africa Project by visiting [climateactionafrica.ca](http://climateactionafrica.ca) or contacting [climateactionafrica@alineainternational.com](mailto:climateactionafrica@alineainternational.com)

### Renewable Energy



Sub-Saharan Africa has the potential to generate almost 10,500 GW of RE, not including biomass. Wind, solar, biomass, hydropower and geothermal energy sources are widely available in Africa.

Every year, 2 million people in Sub-Saharan Africa gain access to electricity. However, 570 million people still do not have access and 60% of the population rely on biomass. RE can ensure that the electrification of Sub-Saharan Africa does not exacerbate climate change.

Climate Action in Africa supports:

- Increased RE ambitions in NDCs
- Regulatory & fiscal policy frameworks
- Capacity to plan & implement RE projects
- RE feasibility assessments
- Promotion of alternative energy sources
- And more

### Forestry



Forests can contribute 18% of the emission reductions required to limit climate change to 1.5°C. From 2010-2020, Africa lost an average of 3.94 million hectares of forests per year.

Reducing Emissions from Deforestation and Forest Degradation in Developing Countries (REDD+) is a key mechanism to leverage forests to combat climate change. REDD+ can take the form of: payments for ecosystem services; national land-use policies; and forest 'carbon farming' projects.

Climate Action in Africa supports:

- Support capacity of forest institutions to respond to climate change
- National REDD+ strategies & capacity to implement REDD+
- Support forestry conservation measures
- Equity and inclusion in forest carbon incentive mechanisms
- Support forestry Payment for Results
- And more

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