

ICLEI Africa - Local Governments for Sustainability has recently launched a project entitled *Sub-Saharan African Cities: A Five-City Network to Pioneer Climate Adaptation through Participatory Research and Local Action*. This project is funded by the CCAA programme, a joint initiative by IDRC & DFID, which is one of a growing number of projects that collectively form ICLEI Africa's Climate Change Adaptation Programme.

Climate change is expected to have severe physical, social, environmental and economic impacts on cities in Africa. According to the IPCC 4th Assessment it is projected that Africa will experience an average temperature increase of 1.5 to 4 °C during this century, which is higher than the global average. Furthermore it is projected that Africa will experience increased changes in rainfall and wind patterns, droughts, floods and sea level rise.

Climate change has been shown to adversely affect vulnerable communities and in particular women, children, the elderly, sick and poor. These members of society have the least resources and therefore the least capacity to adapt to the impacts projected associated with climate change.

Project Cities

- Cape Town (South Africa): *Increase in temperature*
- Walvis Bay (Namibia): *Sea level rise*
- Maputo (Mozambique): *Flooding*
- Dar es Salaam (Tanzania): *Drought*
- Port Louis (Mauritius): *Changes in wind speed*

Projected Impacts of Climate Change

Research structured around the following local government sectors:

Water and Sanitation

- Increased demand on water supply
- Flash flooding leading to sanitation issues

Health – direct and indirect

- Increased air pollution (TB, Asthma)
- Increased rate of infections (vector borne diseases)

Transport

- Damage to transport, infrastructure and service delivery, Trade, GDP

Livelihoods

- Impacting upon crop yield, livestock and local businesses

Energy

- Increased demand for cooling
- Increased damage to electrical service facilities

Overarching Goals of the Project

- To develop and/or enhance 5 tailor-made adaptation frameworks for managing the increased risk to African local governments and their communities due to impacts associated with climate change.
- To raise awareness and build capacity around climate change issues and thereby increase preparedness.
- To establish a standardised approach for the collection and analyses of climatic base-line data which will assist future localised projections to assist in planning and decision making procedures.
- To establish and produce a Southern African climate baseline dataset

ICLEI Partners

ICLEI – Local Governments for Sustainability – Africa works in partnership with a wide range of development organisations in Africa, in planning and implementing sustainable change at the local level. This includes UN-Habitat, UCLG-Africa, ICLEI's Cities Climate Centre, National Governments, Local Governments, National Local Government Associations and Scientific Networks.



Five Specific Objectives of the project

- Establish and assess/evaluate the effectiveness of long-term, multi-discipline, multi-sectoral stakeholder platforms.
- Identify and understand the current and projected risks associated with climate change impacts for African local governments and communities.
- Facilitate communities to identify and test current and alternative adaptation methods and strategies to cope with risks associated with climate change.
- To strengthen and increase the capacity and knowledge of local communities and governments through effective education and communication of climate change science and risks.
- To develop and/or build on overarching Adaptation Frameworks for a city-wide consolidated and coordinated approach to reducing vulnerability to short- and medium-term climate impacts.

What is ICLEI – Local Governments for Sustainability?

An association of local governments that represents the interests of local authorities within the United Nations and at international policy forums.

A movement driving positive change on a global scale through programs and campaigns on local sustainability. A resource centre offering information, tools, networking, training and consulting services.

History of ICLEI

ICLEI started with the idea that a single municipality has a significant impact. On a global scale, the cumulative effect of concerted local action can be profound.

ICLEI was created in 1990 as the International Council for Local Environmental Initiatives, when 200 local governments from 43 countries convened at its founding conference at the United Nations in New York.

Over 1100 Members in 68 countries prove that local governments worldwide take responsibility in creating a sustainable society.

“Embarking on an environmental program sounds like a great idea. But if you’re a mayor trying to cut greenhouse gases, where do you begin? How do you even know how to measure your current levels? That’s where an organization called ICLEI – Local Governments for Sustainability can help.”

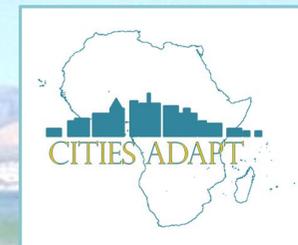
Newsweek: Leadership and the Environment issue, 2007

Join ICLEI and take local action!
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Sub-Saharan African Cities

A Five-City Network to Pioneer Climate Adaptation through Participatory Research and Local Action

Project Overview



**An initiative of ICLEI
– Local Governments
for Sustainability –
Africa**



Local Solutions to Global Challenges

Connecting Leaders - Accelerating Action - Pioneering Solutions

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