



URBAN NATURAL ASSETS FOR AFRICA (UNA)

Building climate resilience through alternative planning at multiple governance levels

COMMUNICATION OUTPUTS



Videos about learnings and change

- Waste is wealth - Lilongwe
- Crafting better cities - Addis Ababa
- Urban Tinkering - principles and approaches for on-the-ground resilience
- Reflection as key for sustained change (produced as part of the Reflecting Cities project)
- The value and impact of the UNA programme
- The value and impact of the UNA programme – promotional video
- Showcasing key emergent learnings and recommendations
- Introductory video to the THRIVE mobile application
- Overview video which was showcased at the 2020 LOCS4Africa congress



Plans and reports to support programme cities

- The Lilongwe Urban River and Revitalisation Plan: Landscape Framework and Implementation Strategy guides the restoration of a key natural asset through the implementation of a pilot project
- City of Lilongwe's Local Biodiversity Strategy and Action Plan pioneers holistic planning at a local level, bridging the divide between climate and biodiversity
- An implementation and enforcement plan (with accompanying handbooks) supports operational challenges for natural asset management in Lilongwe
- A coordination matrix strengthens collaboration of key actors in the city of Dar es Salaam
- Opportunities for public-private partnerships to harness nature-based solutions are identified in Addis Ababa
- The Ras Mekonnen Revitalisation Plan improves the quality of life in central Addis Ababa
- The Ilala Municipality Local Biodiversity Strategy and Action Plan guides local municipalities in Tanzania
- Recommendations and supporting materials guide a future upgrade of the 2007 national Tanzania Planning Guidelines, transforming the way future urban areas are developed with nature-based solutions and climate change considerations at the forefront of planning
- Business case for greening and restoring open spaces supports Dar es Salaam to make the financial case for on-the-ground restoration
- A situational analysis for Quelimane and Nacala provides the baseline for future actions and monitoring
- Nacala coastal natural asset management plan provides the framework to guide integration of natural assets into city resilience planning and decision making
- Initiation of a City Responses to Climate Change outlines a framework for decision making in Quelimane that puts nature at the forefront of building resilience
- Ecological corridor action plan for the Lilongwe and Lingazi Rivers informs future management of Lilongwe's key resources
- Pre-feasibility study for coastal restoration projects in Mozambique strengthens access to climate finance for on-the-ground change
- Concept note which summaries waste management processes piloted in Lilongwe, Malawi.
- Five concept notes for project ideas in Mozambique - to support cities access climate finance.



Art, culture and other innovative creations

- THRIVE mobile application which provides step-by-step guidance to implement Nature-based Solutions.
- Hit song and music video by a Malawian pop star, with over 6000 downloads, galvanising community action
- Infographic showcasing the benefits of an Urban Tinkering approach to resilience
- Poster and booklet showcasing alternative ways to plan African cities
- THRIVE mobile app providing steps for implementing over 60 nature-based solutions
- Waste process concept note to upscale the pilot UNA method
- Mural painted in a low-income area in Dar es Salaam inspiring residents about the value of nature
- Poster revealing emergent discussions guiding nature mainstreaming
- One-pagers providing the recipe for the UNA experiential learning methods
- 'Our Coast, Our City, Our Future' community awareness campaign featuring scholars' artwork in a 2020-calendar
- Posters and impact stories demonstrating the change the UNA programme has made
- Schools artwork competition showcasing implemented solutions from the THRIVE mobile app



Guidelines to support African cities

- Sustainable River Based Urban Planning Guideline
- Sustainable River Based Urban Case study document
- Sustainable Use of Natural Assets document
- Guideline for future urban natural asset mapping methodologies and monitoring processes
- National-local dialogue methodology provides guidance on ensuring effective processes for multi-level collaboration
- **11 handbooks** showcase different programme learnings through case studies to highlight the Value of Urban Natural Assets When Planning for Resilient African Cities: Considerations and decision-making processes

Hundreds of people reached through tweets



Jessica.kavonic@iclei.org
iclei.africa@iclei.org

WWW

<https://cbc.iclei.org/urban-natural-assets/>



@ICLEICBC / @ICLEIAfrica
#UNARivers / #UNACoasts



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Urban natural asset information developed for local governments

- Wildlife sightings and habitat distribution for Lilongwe
- Important indicator species of the Kampala Capital City Authority and the Greater Kampala Metropolitan Area
- Urban natural asset hotspot and priority maps co-produced for Lilongwe, Nacala and Kampala and used as decision-making tools so nature is considered during planning and development
- The spatial extent to which land tenure, use and practices have been degraded in Nacala, the Lilongwe River catchment, the Greater Kampala Metropolitan Area and Quelimane
- Risk assessments in relation to climate change and anthropogenic changes for the Lilongwe River
- Water quality assessments for sections of the Lilongwe River
- Baseline of existing urban natural asset data and supporting gap analysis for the Greater Kampala Metropolitan Area and Dar es Salaam

The GIS data from all these activities has been shared with relevant local governments for future use



Peer-reviewed papers and international book contributions

- *Urban tinkering* (Elmqvist et al. 2019)
- *Towards resilient African cities: Shared challenges and opportunities towards the retention and maintenance of ecological infrastructure* (O'Farrell et al. 2019)
- How 'transformative capacity' was generated through UNA and to what effect (Bulkeley and Kavonic, forthcoming)
- Urban governance of and for urban blue/green infrastructure, a chapter in *Urban Ecology in the Global South*
- Contributed to the environmental justice chapter of the book, *A Modern Guide to Nature-Based solutions for Cities*



Other contributions

- Programme **interviews** profiled on
 - > Zodiak, MBC and Rainbow TV stations in Malawi
 - > Convention of Biological Diversity (CBD) platform during the CBD 14th Conference of the Parties
 - > SwedBio website
 - > Morning show on Mozambique national TV
- Supported the **mainstreaming of nature** considerations into
 - > The Entebbe Master Plan
 - > The Disaster Risk Reduction Action Plan for Kampala Capital City Authority
 - > Ministry of Lands Housing and Urban Development urban policy (Malawi)
 - > Ministry of Lands Housing and Urban Development land use policy (Malawi)
 - > Sixth national state of Malawi biodiversity report submitted to the Secretariat of the Convention on Biological Diversity
- Developed an online training package for all programme outputs and capacity building content

Over 40 articles,
opinion pieces
and case studies

ICLEI Global
iNews

IPCC's Special
Report
on Oceans and
Cryosphere

ICLEI Africa
website
and news
round-up

The
Conversation
Africa

Rethink
journal

Biophilic
Cities journal

The Nature
of Cities

Cities
Biodiversity
Centre
newsletter

CitieswithNature

Programme Impact:

8 impact stories
showcase the
change that the
programme has
achieved over the
past seven years.



Jessica.kavonic@iclei.org
Iclei.africa@iclei.org

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