



Lessons from Cities and Municipalities on how outcomes and recommendations from their VLRs have contributed to planning and accelerated implementation of the SDGs

- Mainstream project outputs
- Identify SDGs and indicators at conceptualization
- Plan for data collection from inception
- How do we improve resilience?
- Enable innovation!

LEARNING EXCHANGE AND
HACKATHON: DEVELOPMENT OF A
LOW-COST WATER SMART
METERING DEVICE



>> High level workshops to engage project managers.

>> Focused/ detailed engagement with smaller groups and decision makers



DAILY MAVERICK

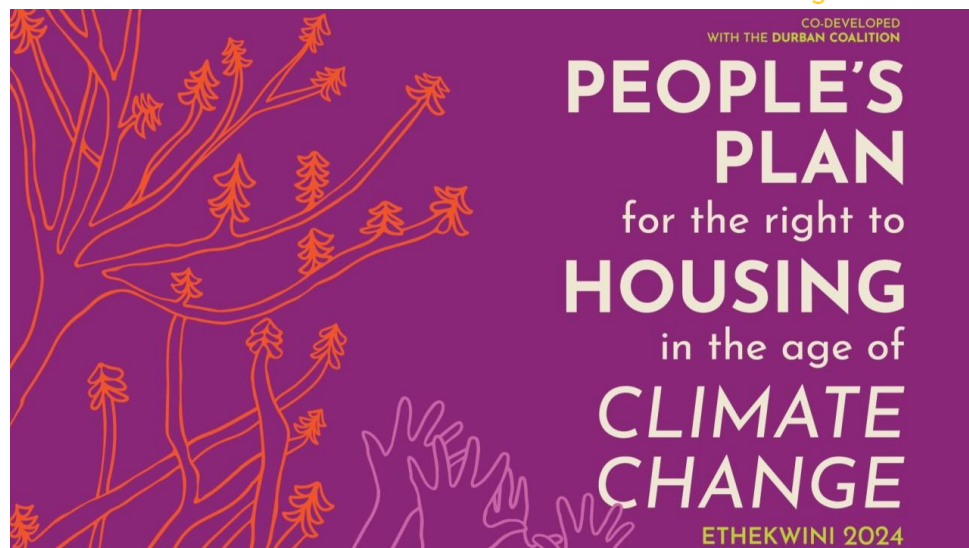
OUR BURNING PLANET

ETHEKWINI RESILIENCE

How a city came together to rewrite its future
in the age of climate change



Surfside flats in Umdloti, Durban, on 22 May 2022. Dwellings, roads and vehicles were flooded and washed away in catastrophic floods across the eThekwin region of KwaZulu-Natal. (Photo: Gallo Images / Darren Stewart)

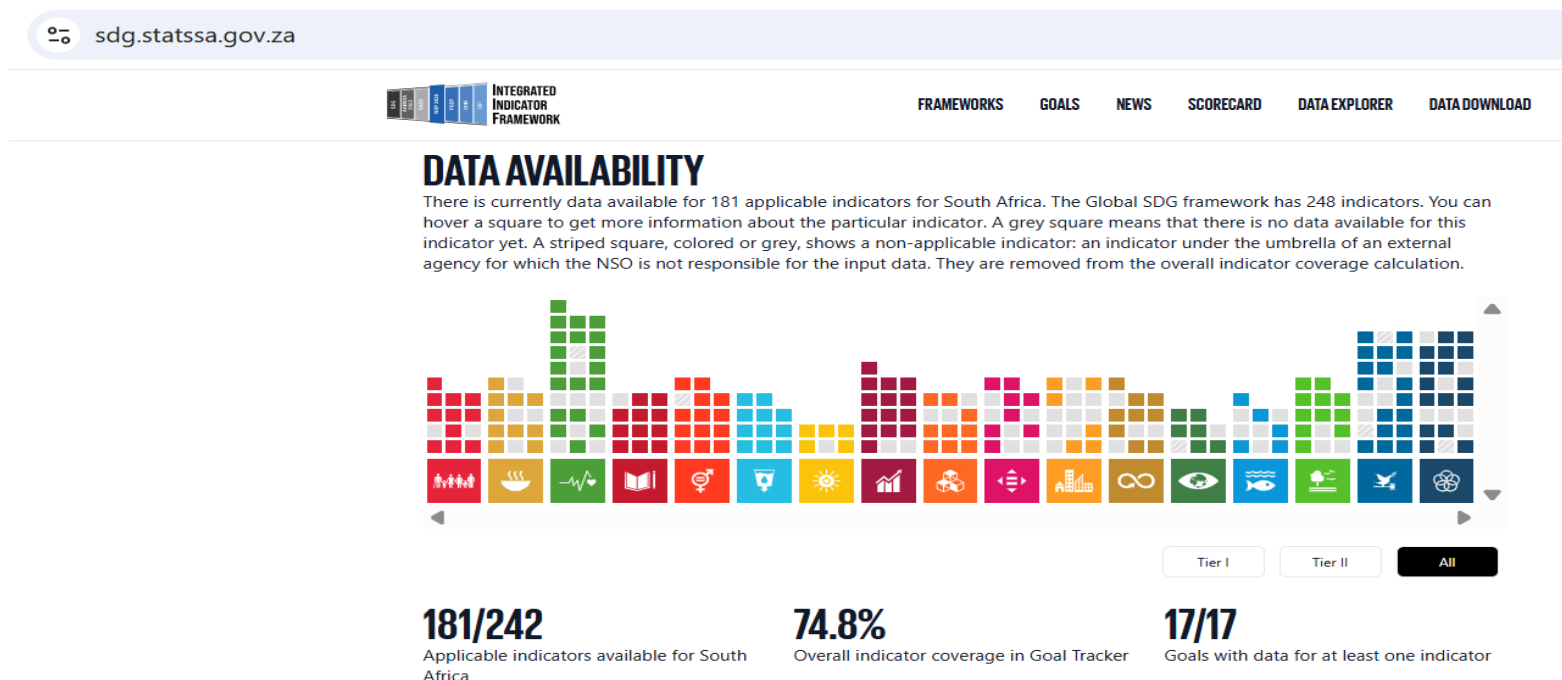


What is the impact?

” **People’s Plan for the Right to Housing in an Age of Climate Change** which offers a clear programmatic implementation guide for the municipality and civil society partners to prepare the city and its people to live through severe weather events and protect people’s rights to housing and a healthy environment, especially for those who are most marginalized.”

BY 2030 ETHEKWINI WILL BE AFRICA’S MOST LIVEABLE CITY

1. Gather data through DDM workstreams
2. Commenced engaging with academia and a few community based organisations
3. SASQAF (SA Statistical Quality Assurance Framework) dipstick assessments and dataset verification.
4. Metadata for localized indicators.
5. Include in SDBIP or not ?? National Treasury Circular 88...





Identify/ enhance Innovation and collaboration



DURBANSDGs
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WHY ICLEI OUR WORK OUR NETWORK TAKE ACTION ABOUT US LATEST

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/ FoodCLIC integrated urban FOOD policies – developing sustainability Co-benefits, spatial Linkages, social Inclusion and sectoral Connections to transform food

FoodCLIC integrated urban FOOD policies – developing sustainability Co-benefits, spatial Linkages, social Inclusion and sectoral Connections to transform food systems in city-regions

FOODCLIC

WORKSHOP ON TARIFF MODELLING IN ETHEKWINI WATER AND SANITATION

Key Objectives:

- Provide an overview of the tariff-setting process and present the functionality, features, and outputs of the Water Tariff Modelling Tool.
- Engage stakeholders in discussions around model comparisons, underlying assumptions, affordability thresholds, and the practical feasibility of implementation.
- Gather feedback from stakeholders and potential users to inform further refinement of the tool and explore opportunities for broader application.
- Align on critical policy and operational considerations to support the tool's integration into future planning and decision-making processes.

Date : 4th & 5th of August 2025

Time : 8:30am – 16:30pm

Venue: Durban ICC

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eThekweni is the first metro to generate electricity from **RENEWABLE ENERGY**

THE PROGRAMME WILL:

← → ↻ unhabitat.org/programme/riseup



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ABOUT US TOPICS WHERE WE ARE KNOWLEDGE



RISE-UP: Resilient Settlements for the Urban Poor

operation phases.
18% once

BY 2030 ETHEKWINI WILL BE AFRICA'S MOST LIVEABLE CITY



Identify/ align existing initiatives



DURBANSDGs
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durban.gov.za/press-statement/City+launches+reinvented+toilets+to+improve+sanitation+in+informal+settlements



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Date: 2025-02-27 11:26:12

City launches reinvented toilets to improve sanitation in informal settlements

ETHEKWINI NEWSFLASH
FOR IMMEDIATE RELEASE
27 FEBRUARY 2025

CITY LAUNCHES REINVENTED TOILETS TO IMPROVE SANITATION IN INFORMAL SETTLEMENTS

The City launched an innovative Non-Sewered Sanitation (NSS) technology pilot project today, 26 February, at Pholani Informal Settlement in La Mercy.

The NSS project comprises reinvented toilets which are part of a range of innovative sanitation technologies that the City is pilot improve sanitation services in areas outside of the sewer reticulation network.

The project seeks to address multipronged water and sanitation-related challenges in informal settlements.

The NSS is also a climate-smart technology in that it treats the wastewater generated on site. This treated, safe effluent is recycle flushing the toilets, thus reducing the potable water demand for flushing toilets. In addition, these toilets can be rapidly deploy cases of climate disasters such as floods to provide safe sanitation for communities.

Speaking during the launch, Chairperson of the Trading Services Committee Councillor Mdu Nkosi said the project will contribute community preparedness for and resilience to the effects of climate change.

“The non-sewered project is responding to the recurrent disasters that we are experiencing, which often affect our infrastructure well as the challenge of the shortage of potable water. It’s good that this project uses recycled water for flushing instead of clear which we need to use efficiently for consumption,” he said.



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United Nations Innovation Technology Accelerator for Cities
(UNITAC) Hamburg

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UNITAC x eThekweni: Using AI to Map Informal Settlements in eThekweni, South Africa

eThekweni has the largest number of informal settlements of any municipality in South Africa. Currently, it houses over 580 urban informal settlements encompassing 314,000 households, which comprises over a quarter of the city’s population. Continued urbanization and a swingling supply of well-located land have resulted in a multitude of vulnerabilities experienced by its population.

Background

At the rate of 4,000 new informal settlement households per year, it would take nearly 80 years to overcome the informal settlement backlog through conventional housing projects. Recognizing this, the city has launched a series of initiatives, including full-service housing projects and land management mechanisms.

To develop a pipeline of upgrading and service delivery projects, the City needs accurate information about the number and location of informal structures, as well as environmental constraints which could prevent the provision of basic services and subsidized housing.

However, eThekweni has faced various data challenges within the informal settlements’ space, which compromises strategic decision making. In response, the City has developed the Informal Settlement Information Management Solution (ISIMS) with the support of the UK Prosperity Fund (UKPF). ISIMS is a multi-year programme that looks to “facilitate improved collection, integration, and analysis of city-level data”, with the key objective of utilizing this information management solution as a planning tool.



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Durban wants to become a major producer and exporter of blue and green hydrogen

GREEN HYDROGEN

Durban’s hydrogen economy get R4.6 million boost from the UK govt

cludes developing capacity for



THANK YOU!