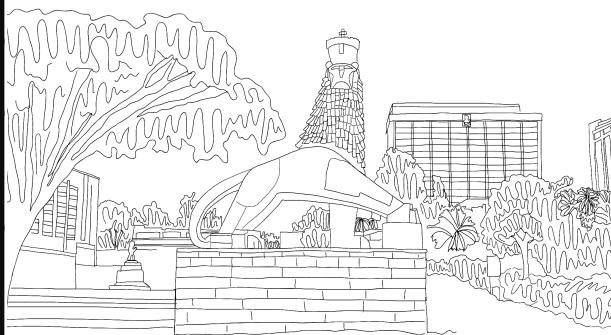


Addis Ababa, Ethiopia

Population	5.4 million
Size	554 km ²
GHG Profile	4,709,931 tCO ₂ e total or 0.86 tCO ₂ e per capita in 2023
High-emission sectors	Transport (53%) Waste (26%) Energy & Buildings (20%)



From Planning to Implementation

Addis Ababa is advancing its Climate Action Plan as transport and waste account for 85% of emissions, while unreliable energy access increases dependence on diesel generators. With biomass making up 87% of national energy use and landfill pressures rising, the city is scaling clean energy and sustainable waste management solutions. The **Urban Climate Action Programme – Climate Action Implementation (UCAP CAI)** is **strengthening governance, integrating climate priorities** into policy and finance, and equipping city leaders to **unlock investment and expand implementation**.



Energy & Buildings

Advancing Energy Efficiency and Rooftop Solar for Greener Municipal Buildings

Strengthens city-level energy policy, data systems, and capacity to scale renewable energy and energy efficiency solutions in critical infrastructure.

- **Draft Energy Management Policy Statement developed**, laying the foundation for a city-wide approach to energy efficiency and aligning municipal initiatives with other urban development goals.
- **Study on energy and diesel generator use in school feeding programs**, conducted across city public schools and municipal buildings. The focus is to identify challenges related to emissions and provide recommendations for energy efficiency and renewable energy options.
- **Energy efficiency audits and capacity needs survey completed**, identifying actionable improvements and enabling future innovation by the city. This includes monitoring city-level energy use and integrating CAI energy findings into Addis Ababa EPA's plan.



Waste Management

Expanding Organic Waste Treatment by Empowering Composting SMEs

Builds inclusive and scalable organic waste treatment by strengthening SME capacity, regulatory oversight, and compost market development.

- **Train-the-Trainer module for city officials developed**, embedding sustainable composting expertise within municipal structures.
- **SMEs practically trained in compost production and connected via peer learning network**, promoting inclusive economic development and knowledge sharing, focus was given for Women-led SMEs.
- **City officials trained on compost monitoring and regulation**, reinforcing quality standards and city oversight.



Climate Mainstreaming

Integration of climate action into policies and governance structures

Embeds climate action into city planning, finance, and departmental coordination, led by strong governance structures and growing interdepartmental ownership

- **Climate Change Steering Committee operational with EPA support**, institutionalising oversight of climate action across government.
- **Citywide GHG inventory updated and validated, with input from national and academic stakeholders**, enabling data-driven prioritisation of CAP actions.
- **Climate finance strategy developed**, that identifies internal and external financing gaps and prioritises projects for implementation.

Closing The Loop: How Addis is Transforming Organic Waste to Opportunity

In Addis, **74.42% of total solid waste is organic**. Its diversion relies on **collaborative action between the city's cleansing agency and SMEs** engaged in compost production. However these small enterprises are facing challenges such as limited technical knowledge and capacity to produce quality compost, access to sorted waste raw material and transportation to composting sites. Through UCAP CAI, a support package was developed to scale **up organic waste diversion** by building **awareness** and strengthening **SME capacity** to produce high quality compost and improve the compost value chain in the city. Through the programme, **26 compost-producing SMEs, 71 SME members (60% were female) and 91 government experts** were trained, increasing compost production by up to 5x in some areas.



Figure 1: Practical composting skills workshop conducted in Addis Ababa

Based on the 7 municipal buildings analysed, switching the fluorescent lightbulbs could:

Reduce electricity usage by 23%	Be paid back in just under 5 years	Save 0.9tCO₂ emissions per building
--	---	---

Supported by UK government funding (2022–2025), the Urban Climate Action Programme – Climate Action Implementation (UCAP CAI) accelerates progress against the delivery of Climate Action Plans (CAPs) in 15 Global South cities, in line with the Paris Agreement's 1.5°C target.

UCAP CAI Cities: Accra - **Addis Ababa** - Dar Es Salaam - Johannesburg - Lagos - Nairobi - Tshwane - Bogota - Guadalajara - Lima - Medellin - Mexico City - Jakarta - Kuala Lumpur - Quezon City

Last updated: 13/05/2025

For more information, contact osaracho@c40.org, and visit our webpage [here!](#)



Climate Action
Implementation

