

# Climate Mobility Innovation Lab

## Africa



IOM's Climate Mobility Innovation Lab (CMIL) Africa is located in Nairobi, Kenya, and serves as a dynamic hub for innovation, capacity strengthening, and collaboration. By prioritising scalable solutions and meaningful community engagement, CMIL Africa empowers communities to adapt to the impacts of climate change and respond to the challenges of climate mobility. **Globally, CMIL initiatives play a vital role in advancing evidence-based, community-led action for resilient and sustainable futures.**

### Key Statistics



In 2024, over **7.8 million** new displacements were recorded in Africa due to rapid-onset disasters, with nearly **85 per cent** associated with floods, particularly severe in West and Central Africa and the White Nile Basin.



By 2100, it is estimated that between **50 per cent** (in a low warming scenario) and **75 per cent** (in a high-warming scenario) of the human population may be exposed to life-threatening temperature and humidity levels.



By 2050, it is estimated that up to **19 million** people in North Africa and **86 million** people in Sub-Saharan Africa could be forced to migrate due to the slow-onset impacts of climate change.



On average, African countries are losing between **2 and 5 per cent of Gross Domestic Product (GDP)**, while many are allocating up to **9 per cent of their budgets** to responding to extreme climate events.

### CMIL in Africa

CMIL Africa works with regional organisations, governments, academia, and communities to strengthen evidence, finance, and locally led action on climate mobility through a co-creation approach. This includes partnerships with the Intergovernmental Authority on Development's (IGAD) Climate Prediction and Applications Centre (ICPAC) to implement CMIL's flagship innovations across participating countries in the IGAD region. Through these collaborations, CMIL ensures that methodologies are contextualised, policy-relevant, and sustainable.

CMIL Africa marked a major milestone with the launch of its regional co-creation network at the Regional Symposium on Climate Mobility in Nairobi in March 2026, bringing together representatives from regional institutions, national governments, donor agencies, the private sector, civil society, and academia to address climate mobility challenges across the continent. The symposium showcased CMIL's global programmes and tools, while fostering cross-country learning and strengthening partnerships. These efforts are helping to catalyse scalable, locally led solutions in high-risk contexts and accelerate collective action on climate mobility.

Building on this foundation, CMIL supports the development of Climate Mobility Investment Plans (CMIP) in close consultation with government counterparts. These plans help countries identify long-term solutions and priority interventions to address climate mobility, while outlining clear climate finance strategies grounded in blended finance approaches.

#### Co-creation approach

CMIL adopts a co-creation approach to design and implement solutions to climate mobility. Through partnerships with regional institutions, national governments, technical experts, research institutions, and donors, CMIL works to co-develop and operationalise its flagship tools, including the Risk Index for Climate Displacement (RICD) and the Climate Catalytic Fund (CCF). This approach ensures that solutions are contextualised, strengthens local ownership, and enables scalable, evidence-based interventions that deliver sustainable impact.

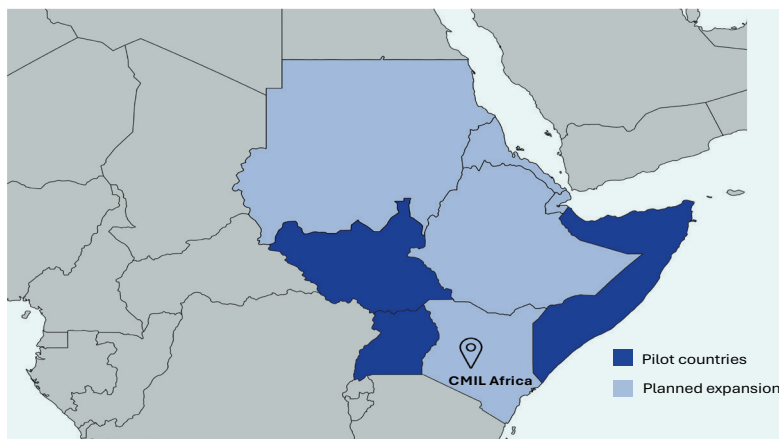


Figure 1. CMIL in East and Horn of Africa

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## Filling the Data-to-Action Gap in East and Horn of Africa

CMIL advances a portfolio of flagship innovations designed to bridge the gap between data, financing, and locally led adaptation. CMIL's key innovations include the Risk Index for Climate Displacement (RICD) and the Climate Catalytic Fund (CCF), which together translate risk analytics into practical solutions on the ground. **CMIL Africa has established a partnership with the IGAD ICPAC for the rollout of RICD and CCF in Somalia, South Sudan, and Uganda.** CMIL envisions expanding this approach across the IGAD region, as well as to other parts of Africa in the future.

**RICD is an operational foresight tool** developed by CMIL in collaboration with a network of government, scientific, academic, and other partners to anticipate climate displacement and identify hotspots where displacement is most likely to occur in the future. It answers key questions about where future climate-related mobility is most likely, who it will impact, and what its underlying drivers are. The RICD

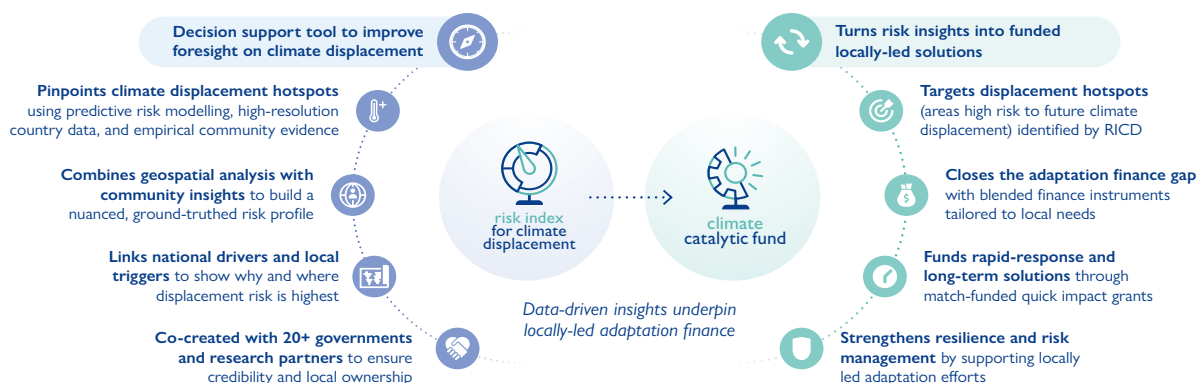
also informs the design and prioritisation of interventions under the CCF and the CMIP by providing robust data and analysis to guide targeted adaptation financing.

**CCF mobilises small, rapid, and match-funded finance** to translate data-driven risk insights from the RICD into concrete, locally led adaptation action in the most at-risk locations. Through its matching-fund modality, which leverages public funds to catalyse additional funding from local sources, the CCF helps address a persistent gap in locally led adaptation finance.

**CMIP translates RICD data into a clear vision and a costed pipeline of bankable projects** to address climate-related displacement. The CMIP is a financing and programming framework co-developed by IOM and national governments to assess and articulate adaptation needs and investment priorities, using participatory, multi-stakeholder processes.

### From Risk Analytics to Local Action: The Climate Mobility Pipeline

Filling the data-to-action gap



## IOM's Climate Offer

IOM's Climate Offer provides an integrated framework that supports Member States and communities in averting, minimising, and addressing climate-related mobility. Through policy and governance support, the Climate Mobility Innovation Labs (CMIL), and Climate Mobility Investment Plans, it delivers a practical package of solutions that connects evidence, innovation, financing, and operational delivery at scale. Delivered through IOM's global network of 171 country offices and led by the Climate Action Division, the Climate Offer translates policy commitments into concrete action on the ground. Together, these components form an end-to-end approach that translates policy into sustainable action at scale to climate mobility.