

Developing a Climate Finance Tracking Tool for Uganda

Transforming Climate Finance Transparency and Accountability

MUCCRI / Climate Finance Hub

Makerere University

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Introduction / Context

- Uganda is a party to the UNFCCC and is thus mandated to report on the status of climate finance received through the Biannual Update Report (BUR).
- The Ministry of Finance, Planning, and Economic Development (MoFPED) is responsible for mobilizing climate finance and reporting accurately on the climate finance mobilized.
- As an LDC country Uganda expects most of climate finance from external / international sources. However, Uganda has not been able to submit accurate information on the level of support received from developed country parties.
- MoFPED is also mandated by law to annually present a comprehensive report on the state of climate finance in Uganda to the Parliamentary Committee on Climate Change.
- This necessitates robust systems to track, monitor, and report on climate finance flows in line with the obligations of "transparency of action and support needed and received" that stem from the Article 9 of Paris Agreement, and to also better coordinate climate action at the national level.

Introduction / context

- Currently, Uganda does not have credible / efficient systems for tracking and labeling climate finance,
- A robust climate finance tracking system ensures transparency and accountability, strategic alignment with national climate priorities, compliance with international reporting requirements as well as evidence-based decision making for climate action.
- With support UNI-LEAD project, a Climate Finance Think tank at Makerere University develop climate finance tracking tracking that will enhance transparency, accountability, and facilitate better decision-making and ensuring proper allocation and utilization of climate finance.



The Challenge

- Transparency & accountability – Ensure funds are allocated to actual projects.
- Fragmented reporting – various MDAs of government, NGOs and private institutions are involved in climate action but lack a central reporting mechanism
- Limited real-time insights for timely decision making.
- Need to comply with the international finance reporting requirements.

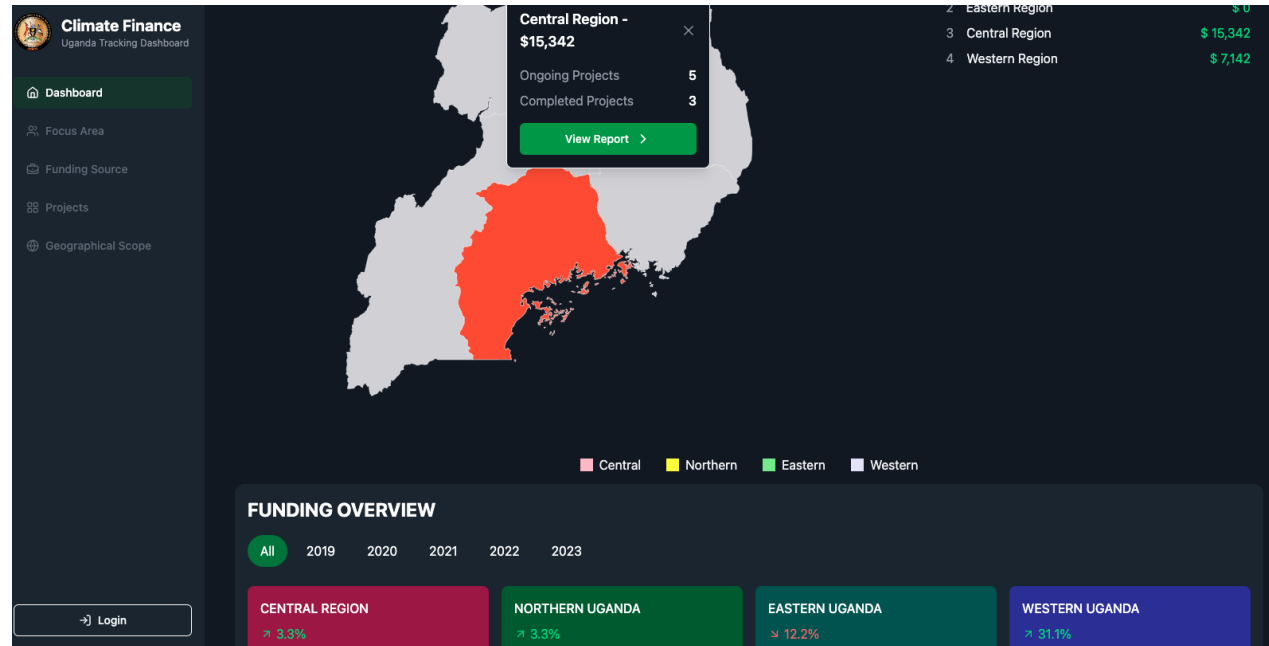


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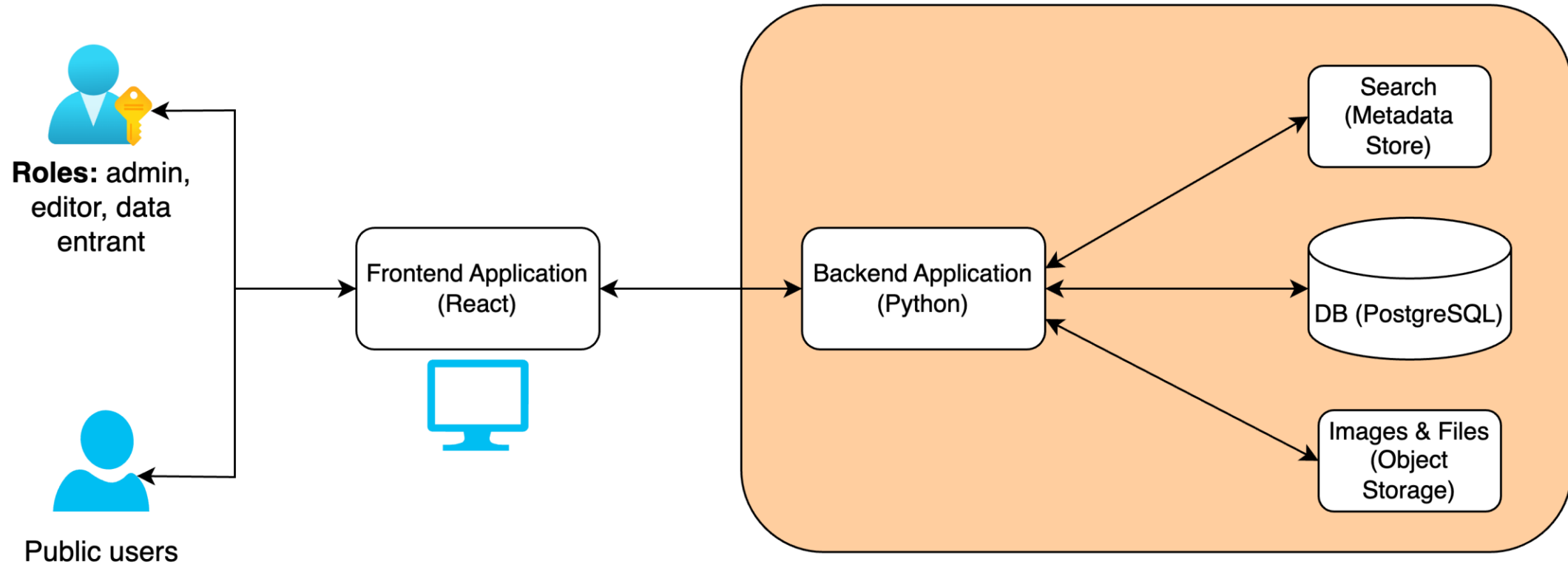


The Solution – A Climate Finance (CF) Tracking tool

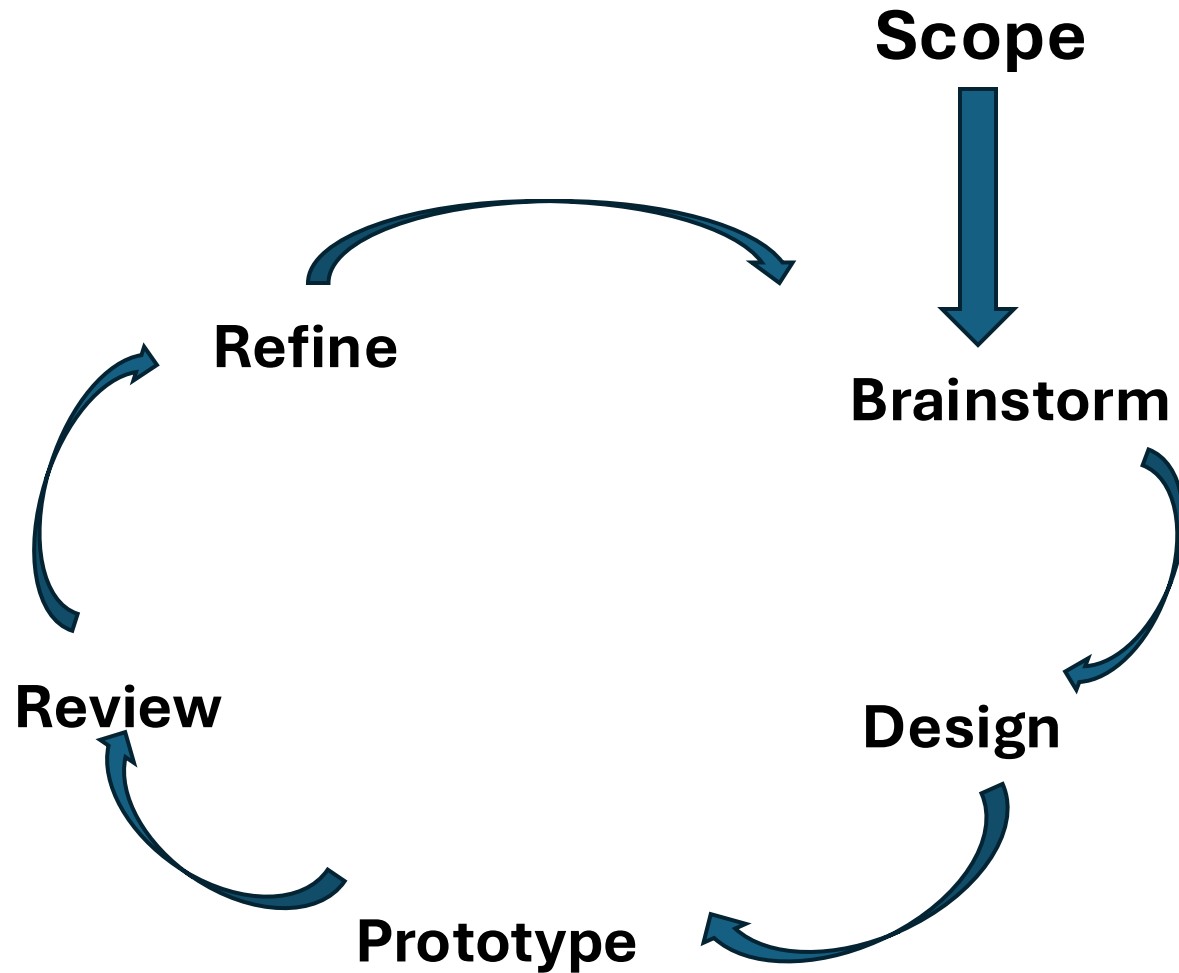
- CF tracking tool is a web platform for capturing, analyzing, tracking and reporting climate finance flow in Uganda.
- Consists of a centralized database for easy update and reporting – allowing users from public, private and international institutions to report data on CF.
- Provides for data validation and approval mechanisms by relevant authorities.
- Provides real-time dashboards and analytics for timely decision making.



Solution Architecture



Development Methodology (Agile)



- Review documents
- Existing frameworks/tools
- Stakeholder engagement

Key Functionality

- Public dashboard overview - climate finance flows by source, focus area, region, and sector.
- Funding source breakdown - multilateral, bilateral, domestic, and private sources.
- Sector analysis - finance allocation across sectors like agriculture, energy, and forestry.
- Funding distribution by region
- Admin features – user management & roles, data validation workflows
- Data entry mechanisms
- Data validation checks
- Audit trails – user activity logs



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Expected Impacts

- A central repository of metrics and data as input to the national state of climate finance report.
- Better alignment between funding and national climate priorities.
- Improved transparency through tracking and reporting of climate funds.
- Data-driven decision making tool for stakeholders.
- Alignment with international climate finance reporting needs.



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Limitations and Future Opportunities

Current Limitations

- Limited integration with existing government financial systems
- Manual data validation processes requiring human review – i.e. data entrants, editors and admins
- Basic analytics without predictive capabilities
- Limited historical data for trend analysis
- Mobile accessibility needs enhancement

Opportunities

- System Integration - Connect with existing financial systems
- Enhanced Analytics - Implement predictive modeling
- Automated Validation - AI-assisted data validation
- Mobile Application - Dedicated app for field data collection
- Impact Tracking - Measure climate finance outcomes



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Demo

- Dashboard overview – focus areas, projects, funding source, geographical scope
- Visualization and analytics – charts and graphs
- Users and roles – Admin, Editor, Data Entrant
- Data entry and approval steps – for logged in users

Here's the link to the CliMate Finance Tracking Tool (Demo)

<https://finance-tracking-rdxf.vercel.app/>



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