



CLIMATE & DISASTER RISK FINANCE PRACTICE

Better analytics
Better solutions
Value unlocked for our clients

G:ENESIS
UNLOCKING VALUE

ABOUT GENESIS

More Info
on **GENESIS** 

| Genesis Analytics is a global African advisory firm.

Based in Johannesburg with offices in London, Nairobi, Lagos, Abidjan and Toronto, our team of **120 consultants** advises companies, governments and donors around the world. Genesis has worked on almost **4000 assignments** in **89 countries**, of which **45 are in Africa**.

We look at the African continent as an opportunity for massive positive social, economic and environmental progress. **Our purpose as a firm is to unlock that latent value**, whether it is found in the private, social or public sector. We do this by combining multi-disciplinary skills and deep African experience.

Unlocking value in Africa relies on our understanding of the context. We believe a triangle of forces is shaping the future of Africa:

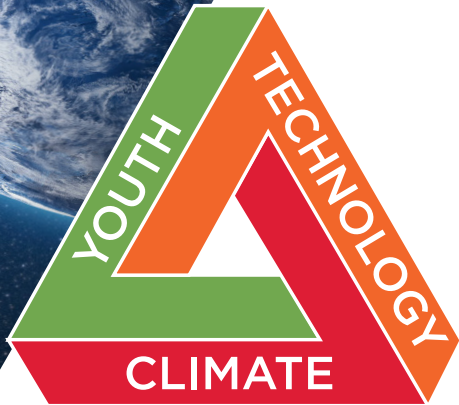
These forces are

- The **youth** wave arising from Africa's great demographic transition
- Opportunities from the global **technological** leap forward
- Managing and mitigating regional **climate** change

Our consultants are experts in

Climate and Disaster Risk Finance | Shared Value and Corporate Impact | Monitoring, Evaluation and Learning | Economic Opportunity | Economic Impact Assessment | Behavioural Solutions | Digital Economy and Governance | Financial Services Strategy | Human Development | Public Health and Financing | Competition Economics and Regulation | Youth (including adolescent girls and young women)

Our best work has been through combining these complementary areas of expertise to find fresh solutions to old developmental challenges.



CLIMATE & DISASTER RISK FINANCE PRACTICE

More Info on
CDRF Practice 



We are facing a **great challenge**: International climate finance is not sufficient to adequately and timely address the climate emergency...



Recipient countries fail to access all the finance available due to a lack of knowledge and understanding of choices and processes.



Funding provided by public sources is not enough and the private sector needs to be more actively involved.



Countries need comprehensive climate and disaster risk finance strategies to adequately and timely address mitigation and adaptation plans and financially prepare for disasters.



COVID-19 recovery plans are an opportunity to “green” development plans and build long-term resilience, and to accelerate the transformation to green growth.

... We aim to be the **leading global advisory firm in unlocking climate finance.**



MARCELA TARAZONA PHD, MBA
PARTNER, CLIMATE AND DISASTER RISK FINANCE

WHAT WE DO

| We work with governments, donors and private businesses to...

1

UNLOCK ACCESS TO INTERNATIONAL CLIMATE FUNDING

- Increase the flows of climate finance from higher to lower income countries through **resource mobilisation strategies**
- Foster the role of the private sector in climate finance and provide strategies for private sector engagement
- Identify tailored financial instruments to meet specific needs and **advise on suitability of different funding sources** (green bonds, social and sustainability bonds, sustainability linked loans, outcomes-based instruments or blended finance)

Increasing access to climate finance



2

ENHANCE USE OF EVIDENCE AND DATA TO ADDRESS THE CLIMATE CHANGE EMERGENCY

- Assess **socioeconomic and financial impacts of climate change** and estimate potential costs
- Design strategies for a **net-zero emissions future** (e.g. NDCs, SBTi)
- **Green MEL**: evaluative tools to unpack whether climate-smart solutions are achieving impact

Better planning and data-driven decisions for climate action



PROVIDE AND ENHANCE SOLUTIONS TO TACKLE THE CLIMATE CHALLENGE

- Assist government in the development of **climate and disaster risk finance** strategies and products
- **Green public financing and budgeting**: we integrate climate finance into national or state budgets, and give advice on most effective uses to ensure mainstreaming of adaptation and mitigation plans
- **Inform financial products and public and corporate strategies** with artificial intelligence, machine learning and earth observation data

Climate and disaster risk finance strategies and instruments



3

Ours is a unique pragmatic approach that handpicks the best insights from Environmental Science, Behavioural Science, Political Economy Analysis and Financial Valuation.

HOW WE UNLOCK VALUE

Our ability to see the position of all sides is a stand-out strength.



Increasing access to climate finance



Mobilisation and leveraging funding for SADC¹ water and infrastructure project by CRIDF².



Business case and financing strategy for the **Kikonge Hydropower Project** in Tanzania for CRIDF².



Assessment of **FSDU³ strategy to appeal to potential funders** in Uganda.



Strengthen CORB⁴ Fund's Climate Change **perspective and reach**, for Chemonics/USAID.



Better planning and data-driven decisions for climate action



Identify intervention pathways to sustained climate resilience at scale for select **Vuna Agriculture Development Facility** projects in SE⁶ Africa.



Southern Africa's Resilience to Natural Resource Shocks. **M&E partner** of USAID's **Resilient Waters Programme**, in Okavango & Limpopo basins.



Review of plan to **grow skills in the energy sector**. Rocky Mountain Institute's SEED⁵ programme in Sub-Saharan Africa.



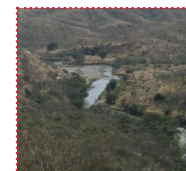
M&E assessment for the Development Bank of Southern Africa's (DBSA) Green Fund.



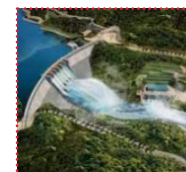
Climate and disaster risk finance strategies and instruments



Analysis on **Carbon tax proposal** for Business Unity South Africa (BUSA).



Structuring and **implementation of Songwe River Basin Project** in Tanzania and Malawi.



Climate Risk Assessment of Tanzanian Dam Project under different scenarios.



Identify evidence gaps in Climate Disaster Risk Finance for InsuResilience.

Notes: SADC: **1)** South African Development Community. **2)** CDRFI: Climate Resilient Infrastructure Development Facility. **3)** FSDU: Financial Sector Deepening Uganda. **4)** Cubango Okavango River Basin. **5)** Sustainable Energy for Economic Development. **6)** Southern East Africa: Malawi, Mozambique, Tanzania, Zambia, Zimbabwe.

FURTHER GENESIS EXPERIENCE



AGRICULTURE

Assisted Nigerian farmers to “climate-proof” projects.

Case for private sector, climate-smart smallholder farming.

Seed project increased farmers' yield in Zimbabwe.



CLIMATE POLICY ASSESSMENT

Report unplanned consequences of South Africa climate change plan.

Finance and Climate Change Regulatory impact assessment.



ENERGY

Technical support for the structuring and implementation of the Songwe River Basin Development Project.

Reviews South Africa's energy future through to 2050.



GREEN ECONOMY

Promotion of green growth and sustainable development to address socioeconomic disparities through a focus on investment, infrastructure, employment and skills development.



WATER

Innovative Solutions to South Africa Water Security Challenge.

Financial analysis of the potential costs and benefits in isolating a water demand management (WDM) zone in Maseru.



SMES CLIMATE SMART AGRICULTURE

Micro, Small and Medium Enterprise development in the green economy space.

WHY CHOOSE GENESIS ANALYTICS

Over the past 20 years we have forged trusted, long-term relationships with governments, foundations, donors and companies across Africa and the global south.



DEEP KNOWLEDGE OF THE FIELD

We have **deep understanding** of governments and the financial sector in **African and global south economies**.

We have a strong track record in advising donors, governments and private sector on climate and disaster risk finance, sustainable finance, monitoring evaluation and learning, resource mobilisation, and evidence-based solutions.



MOBILISE PUBLIC & PRIVATE RESOURCES

We work **both** with the private and public sectors.

We believe that experience in one enriches our work in the other.

We work with governments, donors and finance institutions to understand the enabling environment for accessing global climate finance and how to align local capacities with global standards.



ETHICS & INDEPENDENCE

We work hard to retain a reputation for ethics, fairness and transparency.

We produce independent analysis that is sensitive to the nuances of different stakeholders and is always balanced.

Our work and decisions can withstand scrutiny.



JOINT SOLUTIONS & INTERDISCIPLINARITY

The world is facing ever more complicated and complex challenges.

We believe in “Joint Solutions”.

We draw on a cross-disciplinary team in economics, financial valuation, behavioural science, environmental economics, political science.

A specific focus on climate-smart agriculture in the Micro, Small and Medium Enterprise development in the green economy space.

OUR TEAM

We draw on a cross-disciplinary team of more than 120 professionals with wide range of experience across geographies and sector. Our extended team works in development, environment, financial services and insurance, business strategy, behavioural science and much more.



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Specialist (CFA)



ROLAND BANYA
Sustainable Finance
Specialist (PhD)



ITAGO WINNIE
Evaluation for
Development



SARAH BROWN
Behavioural
Economist



GAÏCHA SADDY
Capital Markets
Specialist

WE ARE HERE
TO HELP **YOU**
UNLOCK VALUE.

SOME OF OUR QUALIFICATIONS INCLUDE

- PhD in Economics
- PhD in Development Studies
- PhD in Finance
- CFA, Chartered Financial Analyst
- Master of Business Administration (MBA)
- MPhil Environmental and Natural Resource Economics
- MSc Environmental Economics
- MA Environmental and Natural Resource Economics
- MSc in Philosophy & Public Policy
- MSc Climate Change and Sustainable Development
- MSc in Carbon Management
- MSc in Economic Development
- MSc Economics
- MSc in Finance
- MSc in Behavioural Economics
- MPhil in Development Studies
- MCom Economic Development
- Bs. honours in Environmental Economics and Policy
- Members of our team are fluent in: English, French, Spanish, Italian, German



Photo by Mèng Jiá on Unsplash

Genesis Analytics

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