CLIMATE FINANCE & ECONOMICS PRACTICE

Better analytics
Better solutions
Value unlocked for our clients
About Genesis

Genesis Analytics is a global African advisory firm.

Based in Johannesburg with offices in London, Nairobi, Lagos, Abidjan and Toronto, our team of more than 150 consultants advises companies, governments and donors around the world. Genesis has worked on more than 4,000 assignments in 95 countries, of which 43 are in Africa. We are a global African firm.

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.

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
- Climate change mitigation and adaptation strategies

These three forces create tremendous opportunities – for countries, communities and companies. Rooted in Africa, we deploy an increasingly global team to identify and realise these opportunities. Our approach combines technical capability in pivotal disciplines and robust problem-solving with a deep understanding of context.

Our consultants are experts in Climate Finance & Economics | Shared Value and 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 Finance & Economics 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 finance and economics 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 Finance & Economics
What we do

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

1. **JUST TRANSITION**
   - Integrating socio-economic considerations into climate strategy and planning

2. **RESILIENCE**
   - Providing clients with the information, tools and solutions to respond to the risks posed by climate change

3. **CLIMATE FINANCE**
   - Facilitating flows of public and private finance to realise a low-carbon, climate resilient future

4. **CORPORATE TRANSITION**
   - Supporting companies manage the risks and explore the opportunities from the low-carbon, climate resilient future

Ours, is a unique pragmatic approach which handpicks the best insights from 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 SADC's water and infrastructure project by CRIDF
  - Advise FSD Uganda to better support smallholder farmers in building resilience to climate change through improving their access to climate and green finance
  - Assessment of FSDU strategy to appeal to potential funders in Uganda
  - Strengthen CORB'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 SE Africa
  - Feasibility study for FSD Africa on the deployment of financial instruments to address environmental challenges in St Louis, Senegal.
  - Review of plan to grow skills in the energy sector. Rocky Mountain Institute's SEED 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**
  - A study for the IDC to review economic instruments to mitigate climate change and their application to South Africa
  - 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
- CDRF: Climate Resilient Infrastructure Development Facility
- FSDU: Financial Sector Deepening Uganda
- Cubango Okavango River Basin
- Sustainable Energy for Economic Development
- 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.

**Energy**

- Technical support for the structuring and implementation of the Songwe River Basin Development Project.
- Reviews South Africa’s energy future through to 2050.

**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.

**Climate Policy Assessment**

- Report unplanned consequences of South Africa climate change plan.
- Finance and Climate Change Regulatory impact assessment.

**Green Economy**

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

**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 AND 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 AND 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.

We use socio-economic modelling to provide valuable insights and inform our ‘Joint Solutions’ to the Just Transition challenge.

A specific focus on climate-smart agriculture in the Micro, Small and Medium Enterprise development in the green economy space.
Our Team is fluent in English, Spanish and French

We draw on a cross-disciplinary team of more than 150 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.

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 our fluent in: English, French, Spanish, Italian, German