



CLIMATE FINANCE AND ECONOMICS

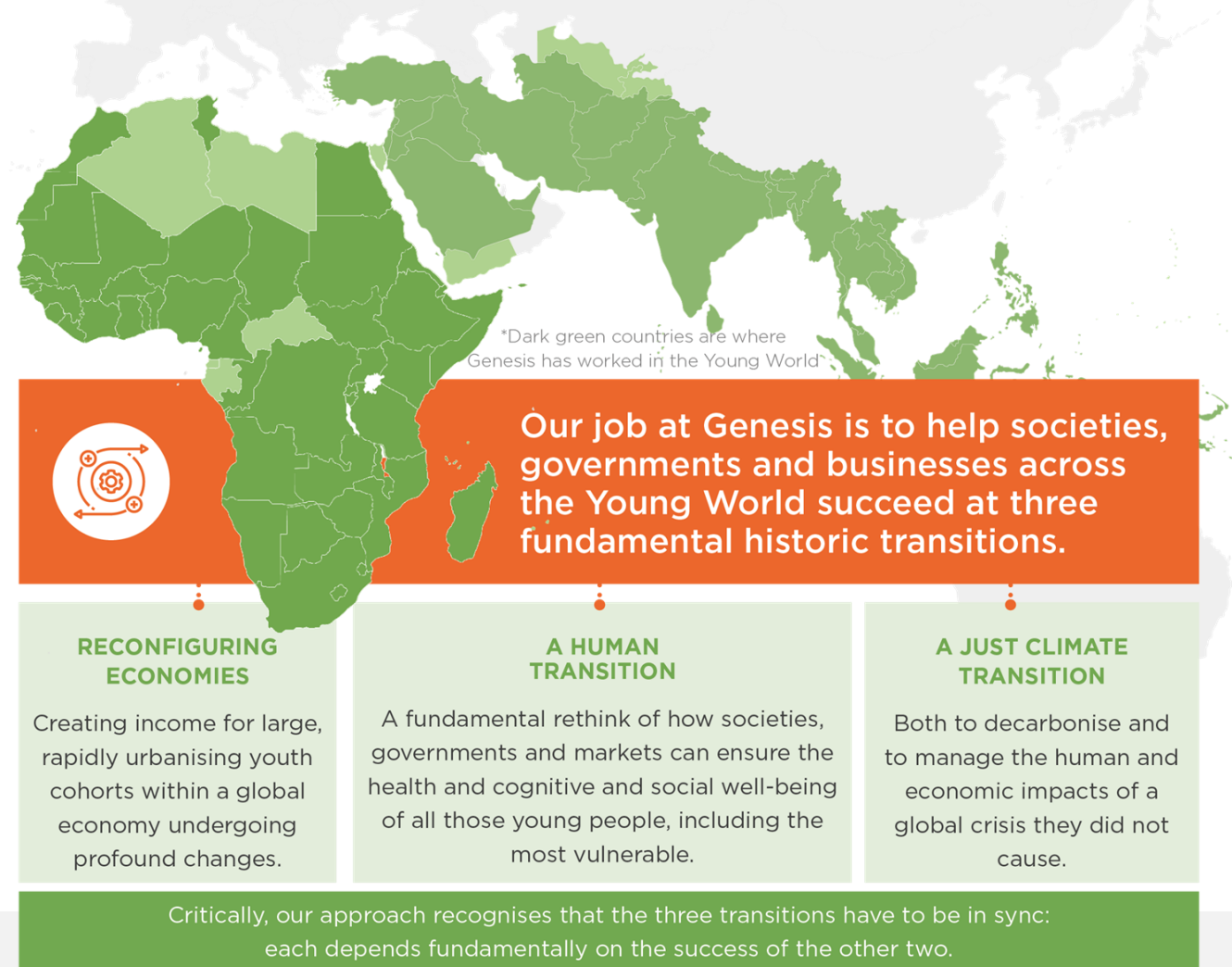
Unlocking climate finance
for a just transition and to
build climate resilience
and adaptation

What is Genesis?

Genesis is a leading impact and strategy firm that has worked in more than 115 countries.

Uniquely, Genesis is focused on the Young World – the arc of countries with young populations stretching across Africa, the Middle East, South Asia and parts of Southeast Asia. **By 2030 four in five children will be born in the Young World**, making this region central to the future. With growing markets and young, productive populations, Young World countries have the most positive potential trajectory globally. It is here that investments of all kinds will have the highest social and economic returns.

Our consultants are experts in Climate Finance and Economics | Shared Value and Impact | Monitoring, Evaluation and Learning | 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.

The Climate Finance and Economics Practice

Our unique, pragmatic approach draws upon deep expertise in economic, financial and political economy analysis.



The transition to net zero in Africa must be different than (nearly) everywhere else. It should prioritize adaptation and facilitate prosperity, equity and resilience. Economic growth in Africa should be low-carbon – primarily to avoid lock-in, buffer against uncertain fossil fuel markets and mitigate biomass loss.

We aim to be the leading global advisory firm unlocking climate finance for the Young World, with a focus on Africa. ”

MARCELA TARAZONA, PhD, MBA

Partner, Climate Finance and Economics Practice

We have worked with governments, international development agencies, investors, DFIs, philanthropies and other stakeholders in more than 40 countries, 30 of them in Africa, to:

- Integrate socioeconomic considerations into climate strategy to ensure a **JUST TRANSITION** to a low-carbon economy
- Provide and inform solutions that build **RESILIENCE & ADAPTATION** to the risks and new realities posed by climate change
- Support **LOW CARBON GROWTH** with clean energy for prosperity, equity and resilience
- Mobilize flows of public and private **CLIMATE FINANCE** to realise a resilient, low-carbon, prosperous future.

We do this acknowledging our dependence upon the natural world.

What we do

We work across sectors, with a systems view of the interrelated crises – and opportunities – facing us.



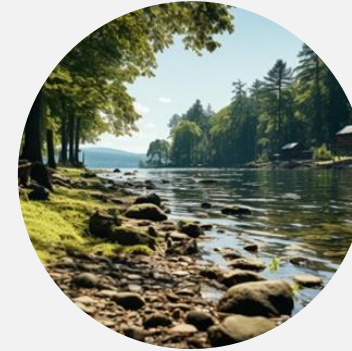
Agriculture



Biodiversity



Cities



Water & Oceans



Energy & Minerals

Climate change mitigation will – and should – look different in Africa. **LOW CARBON GROWTH** is essential, but not as a global obligation. It's to avoid lock-in, buffer against uncertain fossil fuel markets, mitigate biomass loss, access carbon finance and foster competitive green industrialisation.

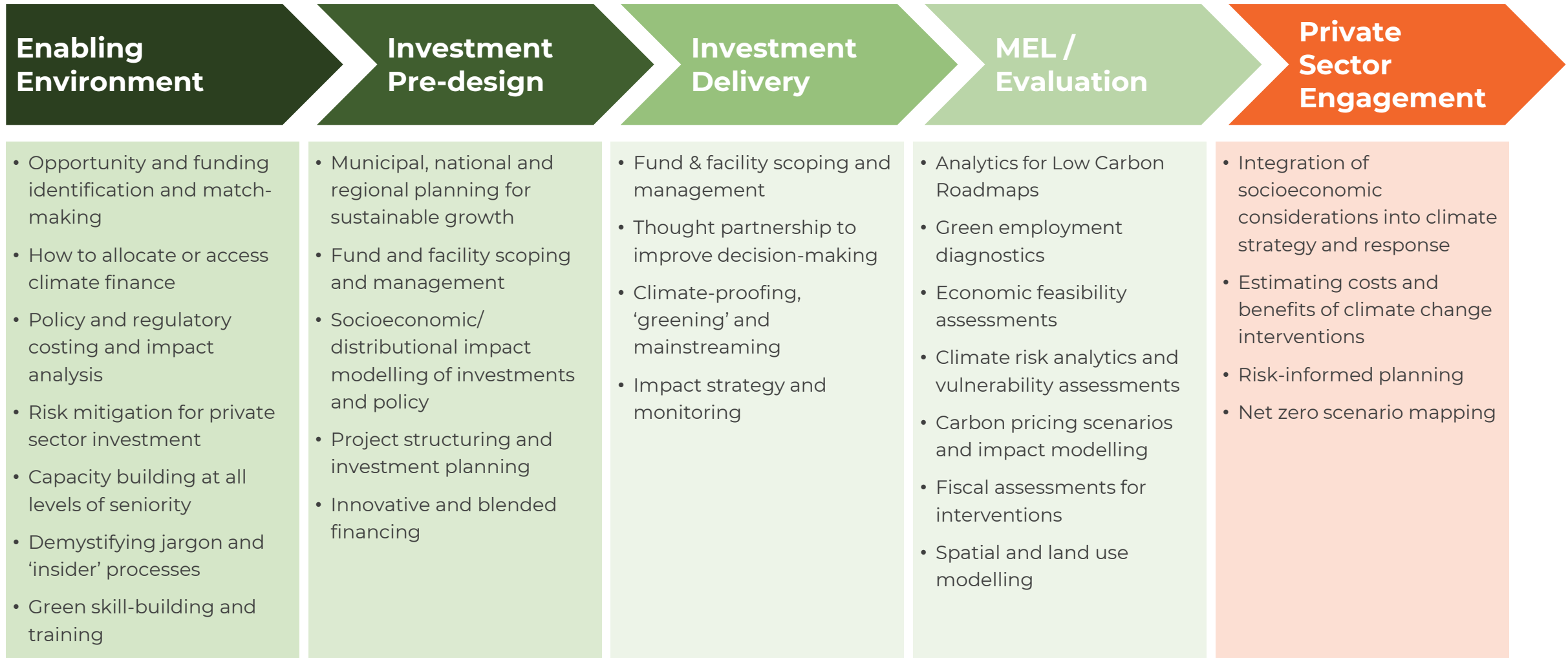
Climate **RESILIENCE & ADAPTATION** work is about identifying, quantifying and mitigating climate risks, preparing for disasters, diversifying opportunities, streamlining climate into policies and budgets, enhancing nature-based solutions, protecting the most vulnerable, and anticipating the impacts of migration and urbanisation.

Mobilizing flows of **CLIMATE FINANCE** is essential for a Just Transition and to boost Resilience & Adaptation. This means incentivising private finance alongside public, mitigating risks, building partnerships, innovating around barriers, and holding historic polluters accountable.

Our **JUST TRANSITION** work is cross-cutting. It addresses equity, distributional consequences of action + inaction, jobs + skills-building, amplifying marginalized voices, and mitigating the costs of structural changes to emerging and developing economies.

How we unlock value

We generate actionable insights and ambitious solutions to move the needle on the climate emergency.



Our work **Ensuring a Just Transition**

WE CAN HELP YOU TO

- Identify the role you can play in defining, financing or implementing a just transition – and support you to achieve these goals
- Build capacity at all levels of your organisation to integrate just transition considerations – equity, growth & jobs – into planning (and doing)
- Quantify the socioeconomic and financial impacts of climate change on your government, project, business or community
- Estimate the costs and distributional implications of climate policies and interventions

CFE is also working with the AfDB to **develop their Just Transition Framework based on analysis** of a range of energy transition impacts in Kenya and Tunisia.

CFE identified **digital opportunities and risks in key climate-affected sectors** in India, Kenya and Nigeria to inform Swedfund and the portfolio companies on their investment decisions.



Strengthening NDCs for Climate Action



ILO guidelines for green employment diagnostics



Green options for South Africa's ageing coal power stations

Our work **Enhancing resilience & adaptation**

WE CAN HELP YOU TO

- Develop climate and disaster risk strategies, alongside practical costing, climate risk analytics, partnerships and implementation plans
- 'Green' national and sub-national budgets
- Monitor & evaluate the impact of 'climate smart' interventions
- Articulate financial solutions that scale up adaptation

The CFE team conducted an evaluation of the International Fund for Agricultural Development (IFAD) **Climate Risk Insurance fund**, covering its activities in Cambodia, Guatemala, Indonesia, Kenya, the Philippines, Tanzania, Uganda, Vietnam and Zambia.

Genesis provided a **risk finance analysis** to inform Zambia's Climate and Disaster Risk Financing (CDRF) Strategy; identified **evidence gaps in Climate Disaster Risk Finance** for InsuResilience; conducted the **climate risk assessment** of a Tanzanian dam project, and more.



Refining comprehensive risk management in Sub-Saharan Africa



SA climate resilience: Crafting innovative adaptation financing mechanisms

Our work **Mobilising climate finance**

WE CAN HELP YOU TO

- Mobilise commercial, concessional and grant resources to ready climate initiatives
- Cost and monitor the impact of climate finance flows
- Conduct market scoping or due diligence
- Foster private sector engagement in 'commercial' and non-commercial adaptation activities
- Design financial instruments tailored to specific need, linked to outcomes and with robust framework agreements for implementation
- Innovate domestic resource options for fund-raising and revenue to diversify away from reliance on wealthy countries who may not be meeting their historical obligations

CFE is developing the South African **National Climate Change Adaptation Investment Plan**. The process includes prioritization and costing of activities and a deep-dive analysis of potential financing instruments.

Norsad Capital commissioned Genesis to **'stress test' its climate risk exposure** and train its investment team on mitigating risk and carbon footprint.

With funding from the UK government, Genesis supported the Climate Finance Accelerator programme in Egypt. The CFA is a four-year technical assistance programme developing **a pipeline of bankable, low-carbon projects** and identifying suitable financing options.



Advancing climate governance in emerging markets



Addressing the climate change challenges in Saint-Louis, Senegal



Analysis of Cape Town's climate-smart investments

Our work **Enabling low-carbon growth**

WE CAN HELP YOU TO

- Navigate the complex political economy of the energy transition
- Understand the vulnerability of energy assets and infrastructure to climate impacts – and cost different action and inaction options
- Map renewable energy and energy access markets across the Young World, to inform programme design and investment decisions
- Provide technical support to governments, businesses, financial institutions, civil society and a range of other stakeholders to leapfrog technologies and ideas.

Our team brings experience across several focus areas:

Energy access + productive uses of energy (PUE):

Universal energy access is essential to a resilient, prosperous society. We bring experience and networks in a range of topics related to on- and off-grid access, including solar and mini-grids, supply chain and consumer financing, end user subsidy, digitalisation, modern cooking technologies, regulation and more.

- **Market analysis:** We support decision-makers in understanding off-grid solar and mini-grid markets
- **Productive uses of (renewable) energy (PUE / PURE):** We provide insights and recommendations on catalysing demand for electricity

Project cycle support: We provide quantitative and qualitative analytics, evidence-based solutions and management expertise to investors, governments and funders as they plan and roll out energy and climate investments.

- **Green pipeline, design & investment support:** Project concept development, due diligence, technical assistance, match-making, resource mobilisation
- **Programme management:** Efficient, on-budget delivery of multi-country, multi-stakeholder initiatives
- **Monitoring, Evaluation & Learning (MEL):** Our MEL work allows us to close the loop and see up close how development interventions are working and what we can do better.



Renewable energy markets, financing + policy:

We provide cost-benefit, regulatory impact and techno-financial analysis in support of renewable electricity and cooking energy across the continent

How we work

Over 25 years we have forged trusted, long-term relationships with governments, foundations, donors and companies across Africa and the Global South.

Genesis Analytics is a truly 21st-century consultancy that blends human engagement and technology. Critical to unlocking value at Genesis is the ability to convince people to act, as well as facilitating enabling environments for them to enact change. This requires a complex set of human skills to build coalitions, ecosystems, networks and a relationship-based approach to getting people to act intentionally on joint solutions.

Joint Solutioning

Strength in humility. Value in diversity and a user-centred approach. The joint-solutions method is where you look for solutions that work in the real world.

Peer Learning

Moves beyond knowledge to know-how. Information sharers and consumers operate within the same ecosystem, with interchangeable roles. A neutral facilitator, mitigates power imbalances and fosters equitable solutions.

Ecosystem Facilitation

An approach to 'getting things done' in domains with complex and intersecting challenges, but where the challenges are ultimately solvable with the right set of stakeholders present.

Our model of human engagement is combined with our

Deep knowledge of the field

Ability of mobilise public
And private resources

Ethics and independence

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

Our clients include



Our Team

We draw on a cross-disciplinary team of 300+ professionals with diverse experience across geographies and sectors. Our extended team works in development, environment, financial services & insurance, business strategy, and much more.



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



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G:ENESIS
UNLOCKING VALUE