

Pegasys is an advisory group driving developmental impact in emerging economies. We work to solve complex challenges and improve quality of life.



Climate Change



Water



Transport



Climate



Resilience



Waste



Energy

The Climate Change Challenge



Climate change poses a great risk to the planet, particularly to developing countries. It exacerbates socio-economic problems and increases the threat of devastating impacts on populations. Today, there is a growing sense of urgency around protecting vulnerable sections of society, key economic sectors, and critical infrastructure from climate related impacts. Many African nations have to rise to the challenge of creating safeguards against climate change, while also preparing their economies to transition into and be competitive in a low-carbon future.



We partner with governments, multilateral development institutions, donor organisations, and the private sector to create customized, project-specific, locally relevant and financially viable climate change solutions. The climate change team draws on extensive experience across Africa, coupled with global insights through our staff of international experts and a growing presence in the developing world.

Our climate change expertise includes:

- Analysing and applying **climate change science**
- Designing and conducting **climate risk and vulnerability assessments**
- Developing climate related **decision-support tools**
- Producing climate related **GIS mapping solutions**
- Calculating and **auditing GHG emissions data**
- Formulating climate change response **policies and strategies**
- Integrating climate change into **infrastructure planning and development**
- Assessing **corporate climate risk**
- Identifying opportunities for **corporate climate risk management and stewardship**
- Exploring and navigating the **Water-Energy-Food nexus** in climate related impacts and solutions
- Preparing climate change **programme documentation and investment frameworks**
- Harnessing and **structuring climate change finance**
- Strengthening **climate change communication**, including at the science-policy interface
- Engaging with stakeholders and **facilitating consultative processes** related to climate change response
- Applying **Monitoring and Evaluation (M&E)** methods to assess climate change initiatives

HOW WE DO IT

We find the greatest success in forging partnerships with our clients. From the outset, we build relationships of trust and understanding, reflecting on the key questions and challenges that our clients face, translating these into opportunities for meaningful change. We are well-versed in working in politically complex environments, which may be compounded by constrained resources, inadequate capacity and limited information. Our climate change work is embedded in our Resilience practice, which takes a broader perspective and seeks to integrate a range of disciplines in finding solutions. In applying fresh thinking to complex challenges, we seek solutions that are inclusive and sensitive to local conditions.

OUR CLIENTS

Our current client base includes national, provincial, and local governments; intergovernmental institutions; development banks; aid agencies; non-governmental organisations; and corporate entities. The work we have done for our clients has been presented in several prestigious global fora, including the World Economic Forum, the Africa Water Week and World Water Week.

RECENT WORK

A National Climate Change Adaptation Strategy for South Africa



The challenge: South Africa's Department of Environment Affairs (with funding assistance from GIZ) required technical support to lead the development of a national climate change adaptation strategy and an implementation plan.

Our solution: We prepared a comprehensive, multi-sectoral climate change adaptation strategy, coordinating a large consortium of consultants and integrating input from national departments, provincial governments, local governments, as well as civil society and the private sector. We also provided technical guidance and facilitation in nine provincial stakeholder consultative workshops.

Building Climate Resilience of Illovo Smallholder Farmers



The challenge: CRIDF+ is a DfID funded water infrastructure program for Southern Africa focusing on supporting climate change resilience in the SADC region. CRIDF+ provided support for better understanding climate related vulnerability of Illovo Sugar's out-grower farmers (particularly smallholders). The project objective was to both identify risks as well as develop opportunities to enhance the farmers' climate resilience.

Our solution: We helped CRIDF+ assess major climate vulnerabilities faced by Illovo's smallholder farmers and identified a wide range of opportunities for enhancing smallholder resilience. We assisted CRIDF+ to identify major climate vulnerabilities facing Illovo's smallholder farmers and identified opportunities for enhancing smallholder resilience. A Climate Vulnerability Assessment and Response Toolkit was developed to help smallholder farmers identify and respond to their current and future climate risks. We also produced concept notes for each of the six sites to fund particular climate adaptation opportunities.

Mainstreaming Climate Change Resilience into Infrastructure Development in Mozambique

The challenge: The Climate and Development Knowledge Network provided support to Mozambique's water resources management agency (ARA-Sul) in the country's southern region, covering Mozambique's section of the Limpopo river basin. The support was aimed at integrating climate change considerations into water sector infrastructure development processes.



Our solution: We worked with ARA-Sul to help provide rigorous understanding of climate variability and climate change implications in Mozambique's Limpopo River basin, including conducting a climate vulnerability assessment. We provided technical guidance to mainstream climate change into every stage of the project preparation cycle, including pre-feasibility and feasibility studies, for a water storage facility ARA-Sul was planning. We also prepared knowledge products to support the project.

GET IN TOUCH



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