

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



 **Water**



Water



Transport



Climate



Resilience



Waste

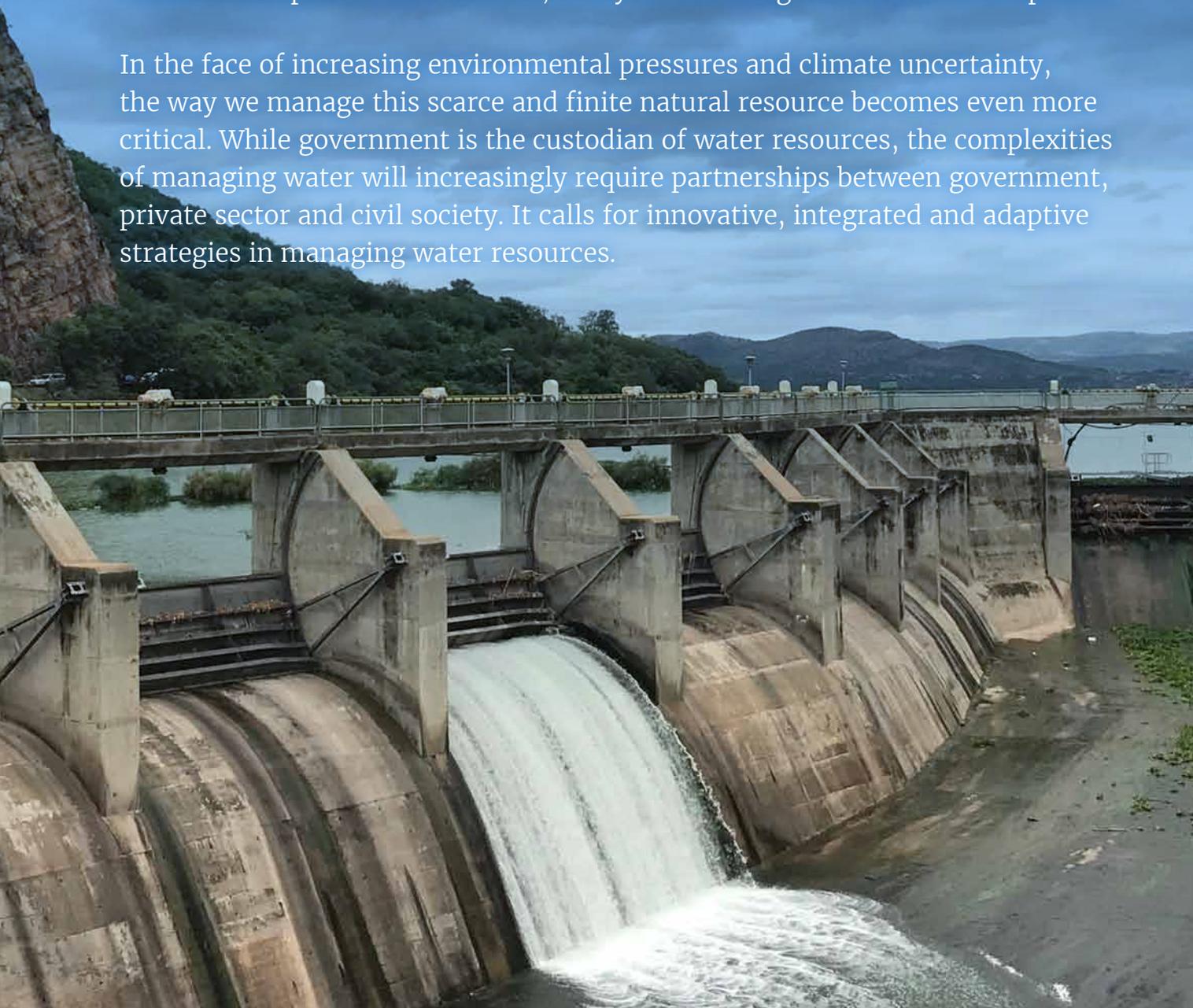


Energy

Water – The Ultimate Constraint

Water has the ability to catalyse or constrain socio-economic development. It plays an essential role in most sectors of our social economy, including agriculture, energy, mining, industry, tourism and rural development. Our approach to managing water resources, through the way we use, develop, conserve and protect the resource, is key to unlocking sustainable development.

In the face of increasing environmental pressures and climate uncertainty, the way we manage this scarce and finite natural resource becomes even more critical. While government is the custodian of water resources, the complexities of managing water will increasingly require partnerships between government, private sector and civil society. It calls for innovative, integrated and adaptive strategies in managing water resources.





We support the management and development of natural and constructed water infrastructure in:

- Water Policy, Legislation, Strategy and Guideline Development
- Planning (Basin, Strategic, institutional, business and implementation planning)
- Development of improved governance frameworks and institutional arrangements
- Development and evaluation of programmes and projects
- Design, develop and support programmes for improving livelihoods

OUR CLIENTS

We are trusted advisors and work in partnership with local, regional and national governments, donor agencies, development partners, River Basin Organisations and the private sector on the African Continent.



HOW WE DO IT

We are driven by our commitment to uplifting the lives of vulnerable and marginalised communities through maintaining and improving existing systems in the water sector. Our team is comprised of innovative, and experienced multi-disciplinary thought leaders in the following sectors: Water Policy, Strategy and Legislation; Natural Resource Management; Water Stewardship, Water governance and Financial Arrangements; Water Infrastructure Finance and Asset Management; Civil and Environmental Engineering, socio-economic development, public institutions structuring and climate science. Our in-depth knowledge, institutional memory and insights from a range of projects contribute to our expertise and experience in the water sector. Through a multi-disciplinary approach, we create holistic, technically sound, and practical solutions, and draw on global insights and good practices to provide locally-appropriate solutions to complex challenges. Our footprint is largely in Africa but expands to other emerging economies across the world. We work closely with the Pegasys Institute, a not-for-profit organisation, to support and enhance the impact of our solutions through research, advocacy and thought leadership.

RECENT WORK



Developing an Integrated Water Quality Management Policy and Strategy for South Africa

The challenge: South Africa's water resources are being rapidly degraded. Deteriorating water quality in rivers, streams, dams, wetlands, estuaries and aquifers affects the economy, human health, and aquatic ecosystems. The fragmented nature of policies, strategies, non-aligned legislature and the lack of both cooperative governance and co-ordination related to Water Quality Management (WQM) activities further compound the challenge.

Our solution: Crucial to the response was elevating WQM on the country's agenda, by recognising it as a key driver of socio-economic development, and not just an environmental issue. A fundamental shift was needed in recognising the need for Inter-Departmental response, not only by those impacting on water quality, but by those Departments impacted by poor water quality. The IWQM Policy and Strategy and Implementation Plan was co-created with the aim of realising pragmatic and responsive solutions to a changing water, environmental and socio-economic landscape.

Unlocking Biodiversity Benefits Through Water Sector Infrastructure Development



The challenge: Built infrastructure is crucial to developing resilience, and efforts to maintain ecological infrastructure are vital to support water flows, quality, ecological goods and services and to buffer against climatic shocks. Whilst there has been improvement in understanding the value-add of ecological infrastructure, the need to invest in ecological infrastructure is still not being sufficiently realised in catchments.

Our solution: Partnering with SANBI, we co-designed a programme to demonstrate how biodiversity and ecosystem services can meaningfully support water security interventions. Iterative discussions were structured to enable joint discovery and establish the common ground needed to facilitate the shared ownership of this pathfinder programme, that would provide critical insights to manage ecological infrastructure.

Improving Equity in Access to Water for Productive Uses in The Inkomati-Usuthu Water Management Area (IU-WMA)



The challenge: IU-WMA recognized the unequal and inequitable access to water for productive purposes by rural women and men as a significant barrier for development in South Africa.

Our solution: Partnering with the Raith Foundation, we identified effective and implementable mechanisms for allocating and re-allocating water to rural communities. Targeted community involvement was critical to identifying and addressing the requirements for water for productive purposes, including, where appropriate, the disbursements of small grants to assist communities in obtaining access to water.

GET IN TOUCH



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