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USAID/Southern Africa Energy and Environment Team Program Overview





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The U.S. Agency for International Development (USAID) Southern Africa regional Environment & Energy team promotes :

- Regional resilient economic development
- Water, energy and natural resources security
- Protection of biodiversity and combating wildlife crime
- Accelerating access to electricity and the supply of renewable energy
- Advancing water supply and sanitation services
- Promoting strategic investments and partnerships, and
- Fostering collaborative, transboundary cooperation to reduce drivers of insecurity



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Countries Covered by Regional Program





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Combating Wildlife Trafficking

- USAID supports innovative, trans-disciplinary approaches to address wildlife crime.
- Through technical assistance, training and partnerships with key actors in the region.
- Support enhances regional enforcement while advancing community development.





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Accelerating Electricity Access and Renewable Energy

- The region has tremendous potential to meet its energy demand, particularly through renewable sources.
- USAID supports technological innovations, private investments and an improved policy environment to increase electricity access, supply and distribution.



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Enhancing Resiliency of Southern Africa's River Basins

- Poorly managed natural areas, ecosystem degradation and biodiversity loss are exacerbated by climate pressures.
- Where water is scarce, competition for limited supplies can potentially lead to regional conflict and instability.
- USAID supports entities to understand, address and cooperate to solve these challenges in key river basins



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Improving Capacity to Cope with Global Change

- USAID works to ensure that climate change considerations are incorporated into policy, decision-making and practice.
- USAID supports capacity building, improved policies and innovative development solutions to mitigate these threats.



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Advancing Environmental Innovation

- USAID/ Southern Africa promotes the development and adoption of innovative, science-based solutions to support vibrant and ecologically sustainable development.
- Climate-adapted technologies including technologies for harnessing solar energy, rainwater harvesting, and climate-friendly food production have proven to be successful.



Current Programs:

ACTIVITIES	PRIME/ SUBS	TIME- FRAME	TOTAL EST. COST	BRIEF SUMMARY
Southern African Energy Program (SAEP)	Deloitte, McKinsey, Worley Parsons, Cliff Decker Hoffmeyer	2017-2022	\$69.0 million	The project aims to add 3,000 MW of new clean generation capacity, 1,000 MW of additional transmission capacity, and 3 million new connections across Southern Africa.
Combatting Wildlife Crime in the Namibia and the Kavango-Zambezi Area	World Wildlife Fund-US (WWF-US)	2017 - 2022	\$17.6 million	The project seeks to counter growing threats from transnational wildlife crime to globally important populations of black rhino and elephant found in northwest Namibia and the Kavango-Zambezi Transfrontier Conservation Area (KAZA).
Combatting Wildlife Crime in Southern Africa (VukaNow)	Chemonics	2018-2022	\$16.5 million	This project supports learning from landscaped based CWC activities across Southern Africa, while also implementing strategic regional activities necessary to reduce wildlife crime that fall outside any discreet landscape.



Current Programs Cont...:

ACTIVITIES	PRIME/ SUBS	TIME- FRAME	TOTAL EST. COST	BRIEF SUMMARY
Resilient Waters	Chemonics	2018-2023	\$32.4 million	The goal of the project is to build more resilient and water secure Southern African communities and ecosystems through improved management of transboundary natural resources and increased access to safe drinking water. It is primarily focused in the Limpopo and Okavango river basins.
Resilience in the Limpopo River Basin-Olifants (RESILIM-Olifants)	Association for Water and Rural Development (AWARD)	2012 - 2020	\$10.7 million	Improves transboundary governance and management of the Olifants Catchment in the Limpopo River Basin in partnership with a consortium of local stakeholders.
Combatting Wildlife Crime in the Malawi-Zambia Landscape	International Fund for Animal Welfare (IFAW)	2017-2022	\$8.5 million	The project seeks to reduce illegal wildlife trade and poaching and improve transboundary wildlife management in the Malawi/ Zambia Landscape.



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Current Programs Cont...:

ACTIVITIES	PRIME/ SUBS	TIME- FRAME	TOTAL EST. COST	BRIEF SUMMARY
WashFin	Tetra Tech	2018-2020	\$0.8 million	Aims to close the financing gaps necessary to achieve university access to water and sanitation services through sustainable and creditworthy business models, increased public funding and expanded market finance for infrastructure investment. (Managed from Washington)
Ramotswa Aquifer	International Water Management Institute (IWMI)	2017-2019	\$0.5 million	The project supports cutting-edge scientific and research methods to assist South Africa and Botswana to manage groundwater resources.
Reef Rescuers	Nature Seychelles	2010-2019	\$1.1 million	Supports the development and testing of 'reef gardening' to restore productive coral reefs threatened by climate change.



Current Programs Cont...:

ACTIVITIES	PRIME/ SUBS	TIME- FRAME	TOTAL EST. COST	BRIEF SUMMARY
Protecting Wildlife, Benefitting Communities: South Africa & Mozambique	WWF-South Africa	2017-2022	\$17.6 million	The overall goal of the project is to halt wildlife trafficking impacts on flagship species in key populations of the landscape in South Africa and Mozambique. The program will contribute to an increase in growth rates of black and white rhino back to 2% by 2021 and maintain positive growth rates for elephants.
Wildlife Trafficking Response, Assessment & Priority Setting	IUCN, TRAFFIC	2013-2017	\$750,000	Strengthens the knowledge, capacities and coordination amongst key stakeholders to fight illegal wildlife trade between Africa and Asia (Award managed in Washington).
Combatting Wildlife Crime: Supporting Communities and Law Enforcement Against Poaching (CWC-SCALE-AP)	Sustainable Agriculture Technology (SAT)	2017-2022	\$4.4 million	The goal of this project is to reduce wildlife crime in the southeast Lowveld of Zimbabwe and the Greater Limpopo Transfrontier Conservation Area (GLTFCA).



Current Programs Cont...:

ACTIVITIES	PRIME/ SUBS	TIME- FRAME	TOTAL EST. COST	BRIEF SUMMARY
South Africa's Low Emissions Development (SA-LED)	Chemonics	2015-2020	\$14 million	The program will provide project development capabilities and strengthen public sector-related development planning skills for low emissions development.
Combatting Wildlife Crime: Supporting Communities and Law Enforcement Against Poaching (CWC-SCALE-AP)	Lowveld Rhino Trust	2017-2022	\$1.1 million	Ensure wildlife crime and illegal trade are reduced across the southeast Lowveld of Zimbabwe.
Development of Standards for Embedded Solar Photovoltaic in South Africa	Center for Scientific and Industrial Research (CSIR)	2016-2018	\$400,000	The purpose of this award is to develop standards and guidelines to install embedded solar photovoltaic systems in South Africa.



Current Programs Cont...:

ACTIVITIES	PRIME/ SUBS	TIME- FRAME	TOTAL EST. COST	BRIEF SUMMARY
Big Data Analytics and Transboundary Groundwater in Southern Africa	DST, IBM Research South Africa	2018-2020	\$950,000	The project's goals are to improve understanding and management of groundwater resources, while developing, skills, capacity and networking opportunities for South African researchers and their students. The project supports research teams comprised of domain experts and IBM data scientists in addressing key research questions in transboundary groundwater. (Managed from Washington)
Combatting Environmental Crime	Interpol	2016-2020	\$250,000	The goal of CEC activities is to reduce environmental crime and linked criminalities (such as document fraud, tax evasion, and corruption) and add value to the sustainability of ecosystems and the economic, social and political stability of INTERPOL member countries involved in CEC program. (Managed from Washington)
Climate Change Adaptation in the Lesotho Highlands	Institute of Natural Resources, Serumula Development Association, GROW Lesotho	2010-2018	\$1.5 million	Supports the government and local communities in Lesotho to strengthen their abilities to respond to potential impacts of climate change through more sustainable environmental policies and practices.



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Additional Information:

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