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SOUTHERN AFRICA ENERGY PROGRAM (SAEP)

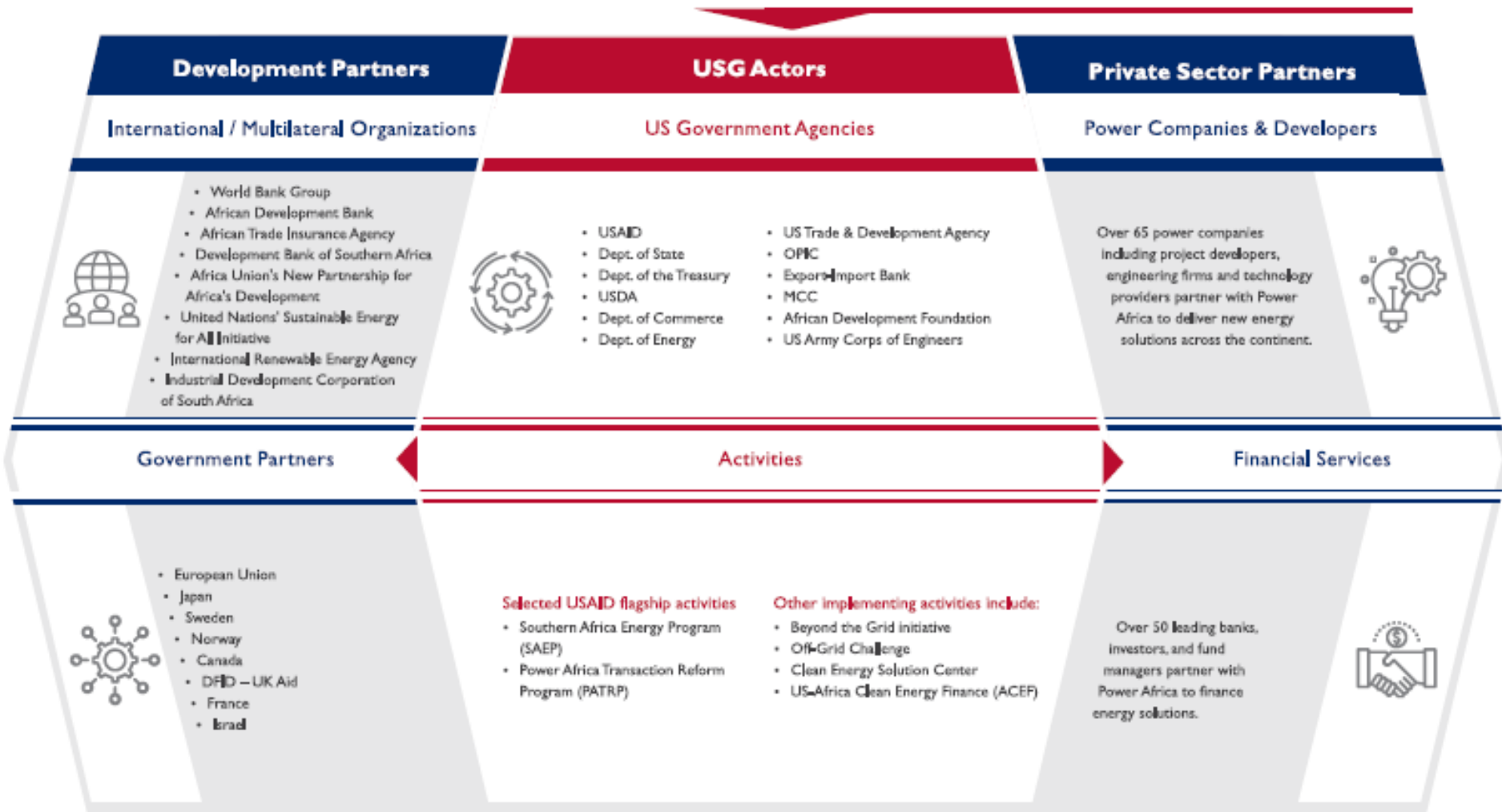
AFRICA CLEAN ENERGY CORRIDOR

- COORDINATION WITH OTHER REGIONAL RE INITIATIVES AND PROGRAMMES

10/16/2018



Mission Statement: Accelerating inclusive growth and thriving economies through partnerships that provide reliable electricity access, while expanding opportunities for US firms in alignment with national security policies.



SAEP OVERVIEW

OBJECTIVE

Increase investment in electricity supply and access in Southern Africa by strengthening the regional enabling environment and facilitating transactions through technical assistance

GOALS

Assist in the development of:

1. Generation capacity – 3 000 MW
2. Transmission capacity – 1 000 MW
3. New connections – 3 million

PROGRAM OUTCOMES / TASK AREAS



Outcome 1: Improved Regulation, Planning and Procurement for Energy



Outcome 2: Improved Commercial Viability of Utilities



Outcome 3: Improved Regional Harmonization and Cross-Border Trade



Outcome 4: Scaled Renewable Energy (RE), Energy Efficiency (EE) and Access

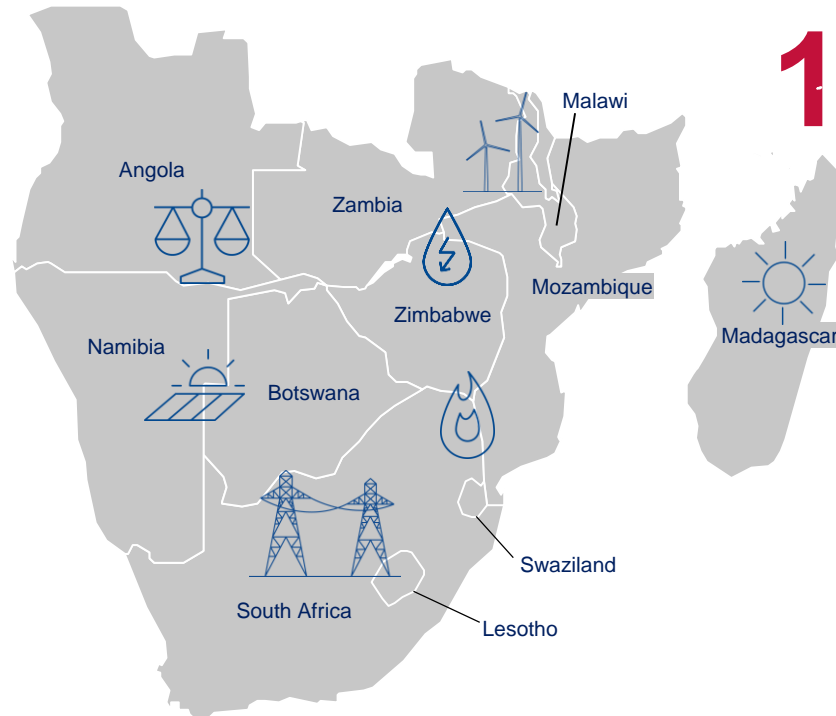


Outcome 5: Increased Human and Institutional Capacity

USAID FUNDED SOUTHERN AFRICA ENERGY PROGRAM

The USAID Southern Africa Energy Program’s main objective is to assist in the development of generation, transmission and distribution whilst promoting investment in the energy sector for a *brighter, more sustainable future*.

5 Years
ACTIVITY DURATION
 March 2017 – March 2022



11 TARGET COUNTRIES
 Angola, Botswana, Lesotho, Madagascar, Malawi, Mozambique, Namibia, South Africa, Swaziland, Zambia, Zimbabwe

REGIONAL PARTNERSHIP FOCUS
 SADC, SAPP, RERA, SACREEE Implementing in collaboration with Power Africa Partners

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Program Funding

SAEP is funded by the United States Agency for International Development (USAID), in support of the US Government’s Power Africa Initiative. To date, Power Africa’s more than 130 private and public sector partners have committed more than \$52 billion to mobilize and organize international efforts to electrify Africa.

USAID supports Power Africa through programs that bring together technical and legal experts, the private sector, and governments from around the world to work in partnership to increase the number of people with access to power.

— COORDINATION WITH OTHER REGIONAL RE INITIATIVES AND PROGRAMMES



SADC - SAEP ALIGNMENT

OBJECTIVE

The SAEP team would like to build on ongoing implementation of the SADC Market and Investment Framework (M&IF), to improve the planning and trading capabilities of all SAPP market participants, as well as lower risks for private investors – thereby hastening the creation of a competitive Southern Africa power market and enhancing the commercial viability of many stalled projects.

ALIGNMENT WITH SADC OBJECTIVES



SADC Infrastructure Vision 2027: The SADC vision is to build a region in which there will be a high degree of harmonization and rationalization, to enable the pooling of resources to achieve collective self-reliance in order to improve the living standards of the people of the region. SAEP's focus on region-wide development and growth means its mission is closely aligned with the SADC infrastructure vision.



The SADC Energy Sector Plan (ESP): is designed to address four key strategic objectives, namely:

1. Ensuring energy security,
2. Improving access to modern energy services,
3. Tapping the abundant energy resources, and
4. Achieving financial investment and environmental sustainability.

Collectively, these factors contribute to the SADC energy goal of achieving adequate, reliable, lowest cost, environmentally sustainable energy services for economic growth and poverty eradication. The SAEP program seeks to enhance cross-border trade and human and institutional capacity in the region, both of which align to the specific goals of the SADC ESP

SADC – GUIDING DOCUMENTS

- Protocol on Energy
- Energy Sector Plan of the Regional Infrastructure Development Master Plan (2012-2027)
- Regional Energy Access Strategy and Action Plan (REASAP)
- Renewable Energy and Energy Efficiency Strategy and Action Plan (REEESAP)
- Regional Strategic Development Plan (RISDP)
- Industrialisation Strategy and Roadmap



PARTNERS OVERVIEW

SAEP's entire approach is to implement collaboratively with other cooperating partners, programs and financial institutions to align goals and help to drive towards goals. The program is nimble and able to add activities and support where other longer term and pre-designed programs cannot support to advance renewable energy

Continental / Regional Interaction - PROJECTS



Continental / Regional Interaction - FINANCING



PARTNERS OVERVIEW

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Regional Policy Interaction



Regional Implementing Agencies



SAEP COORDINATION POLICY / REGULATION



Attending Enhancement of a Sustainable Regional Energy Market in the Eastern Africa-Southern Africa-Indian Ocean (EA-SA-IO) Region Programme Technical Steering Committee (PTSC)



SAEP completed a review of the SADC Protocol on Energy and submitted the marked-up Protocol to SADC



Support to BERA to improve its regulatory oversight through the development of a Levelized Cost of Energy model, licensing processes, tariff guidelines, economic rules, and net metering framework



Following an MCC project that worked with MERA to design the Tariff Review Guidelines, SAEP supported MERA in evaluating ESCOM's filing for a change in tariffs. This was the first time MERA used its new tariff guidelines. MERA will be highlighting lessons learnt at the upcoming RERA Conference

SAEP COORDINATION – RE MARKETS (ON/OFF-GRID)



SAEP co-facilitated capacity building workshop - Balancing and Ancillary Markets with NordPool in Johannesburg



SAEP co-facilitated capacity building workshop - vRE integration in Johannesburg



Through supporting the Ministry of Energy and REA, SAEP built a geospatial model to provide a directional view to providing universal access across Zambia



SAEP has been assisting the Government of Malawi with procurement activities related to the 308 MW hydropower project and facilitated the signing of a Cooperation Agreement with the International Finance Corporation (IFC), the primary project developer

— CONTACT DETAILS

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