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SOUTH AFRICA

Low Emissions Development Program



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In Partnership with
Department of Environmental Affairs (DEA) &
Department of Science and Technology (DST)

**Supporting the Government of South Africa
to transition to a low-carbon economy by promoting
green growth**



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INTRODUCTION

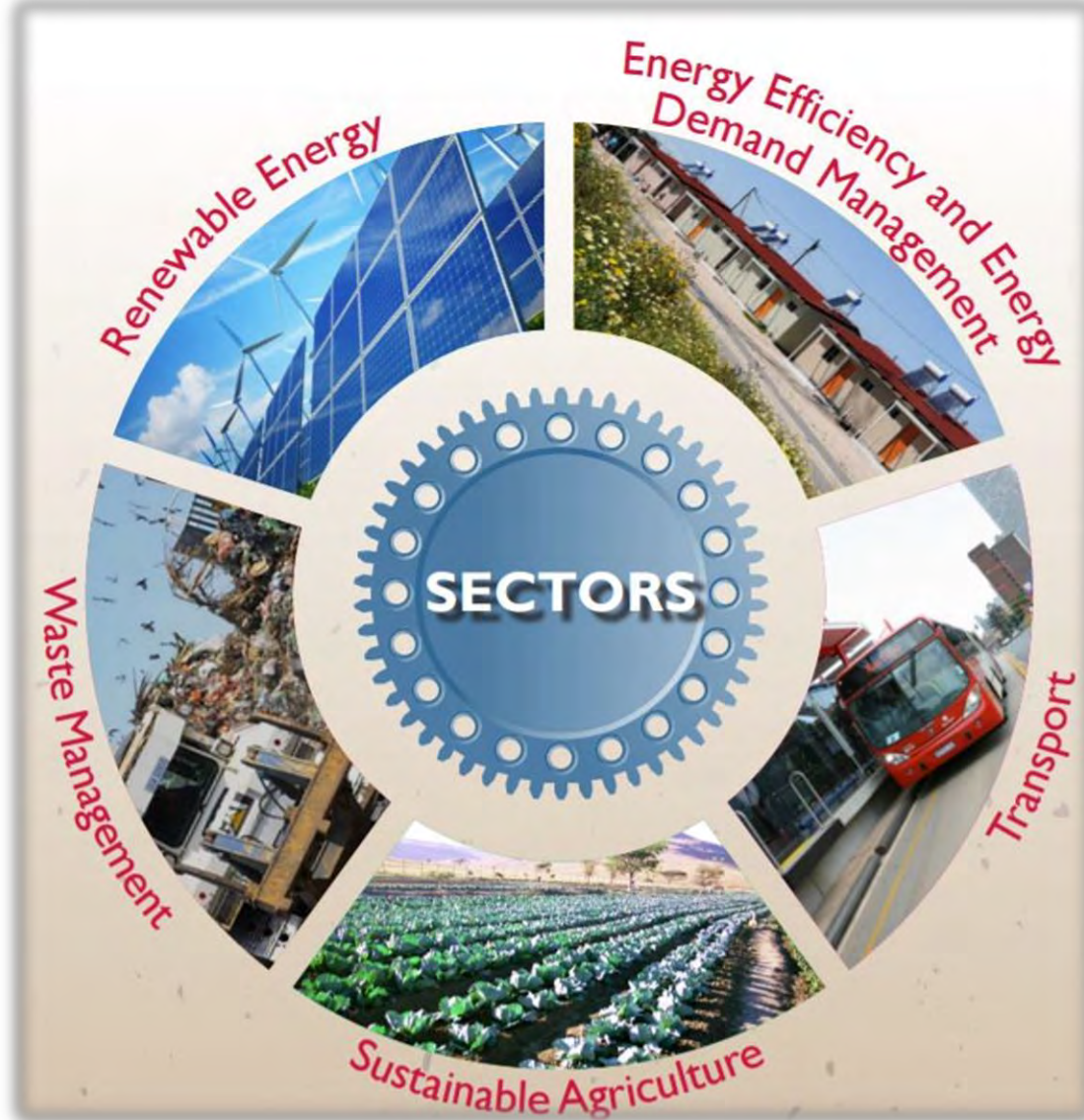
- Focus on helping municipalities move LED projects through the project development life
- Strengthen Project Development Capacity for LED Projects
- Increase core LED capacity through technical assistance and learning
- Improving access to finance





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SECTOR FOCUS





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RESEARCH & ANALYSIS

- Identify best practice
- Develop case studies
- Conduct market research
- Identify project



ENABLING ENVIRONMENT

- Regulatory support
- Mobilise finance
- Stakeholder mapping
- Market integration



CAPACITY DEVELOPMENT

- Strengthen GoSA Capacity
- Strengthen LED project development capacity
- Support LED Planning
- Conduct LED Training



LED PROJECT DEVELOPMENT

- Conduct Feasibility Studies
- Draft RFPs
- Evaluate LED technology
- Unblock Projects



MRV

- GHG Accounting



FINANCE

- Credit Enhancement
- Revenue Models
- Match Funding
- Partial Risk Guarantees
- LED Products

COMMUNICATIONS AND OUTREACH



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Sustainable Transport

Project Name	Project Description
Vehicle Biogas Study Tour - Various US Cities	eThekweni Metropolitan Municipality's Durban Solid Waste Management Unit (DSW) went on a study tour to a select number of facilities in the US where biogas production for vehicular use is happening on-site.
Biogas to Renewable Natural Gas	<p>As a follow up to the study tour SA-LED is providing technical assistance to Durban Solid Waste (DSW)</p> <p>To ensure successful implementation of a bio-CNG for vehicular use project at the Buffelsdraai landfill.</p> <p>ICF will perform a life-cycle assessment (LCA) and life-cycle costs (LCC) of the landfill gas to vehicle system.</p> <p>Further support to municipalities for LCA. SABIA conference training session.</p>

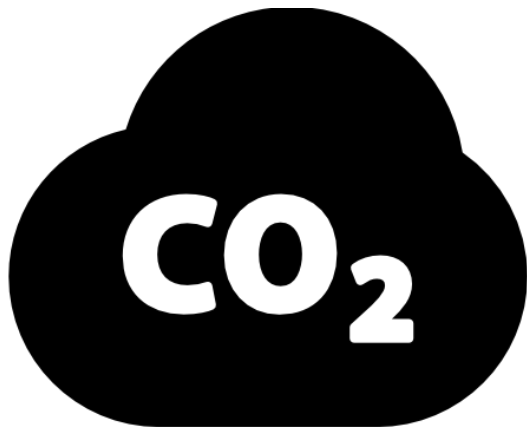




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Enabling Environment

Project Name	Project Description
Microdigester Working Group: Smallscale Biogas Implementation Guidelines	Support the Microdigester Working Group under the National Biogas Platform by appointing a consultant(s) to develop a comprehensive guideline document that will guide implementers for small scale bio-digester projects at a household or community level.
Framework for Sustainable Biogas Projects in Schools in Eastern Cape	The Eastern Cape Provincial Government has started implementation of biogas projects in schools and has requested support from SA-LED to ensure that these projects are rolled out in a sustainable way.





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Finance

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Development
Credit Authority
(DCA) Partial
Risk Guarantee

USAID has numerous finance mechanisms to help kick start private sector funding
E.g. USAID DCA has a 50% partial risk guarantee with a financial industry partner
in SA.

Objectives:

Encourage long-term project finance lending to stimulate small scale RE &
EE markets

Encourage lending to smaller developers without the balance sheets of large
corporates

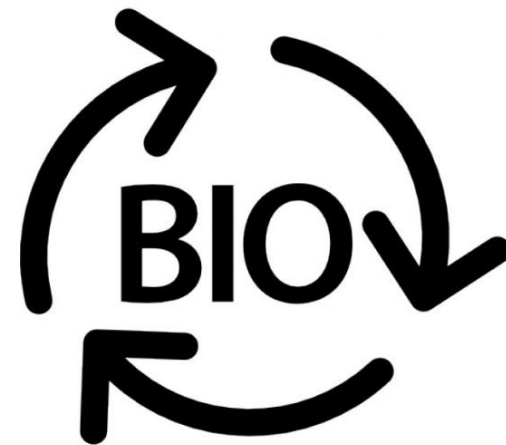




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FUTURE BIOGAS RELATED SUPPORT

- Through the SA-LED Program, in collaboration with appropriate US Agencies USAID will continue to support the biogas sector through:
 - Small scale (rural) biogas project implementation
 - Sustainable biogas projects in schools
 - Regulatory support for biogas projects especially transport application of biogas
 - Facilitation of PPP waste water project arrangements
 - Further project preparation support including monitoring
 - Decision making support tools
 - Lifecycle costing
 - Co-benefit analyses



LEVERAGE PARTNERSHIPS





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Thank you

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