



UNITED NATIONS INDUSTRIAL DEVELOPMENT ORGANIZATION

Call for Investment Projects

Technical Assistance facility for organic waste-to-energy and other low-carbon technologies based projects in small, medium and micro enterprises (SMMES) in South Africa

1. General Background Information

ORGANIZATIONAL CONTEXT

The United Nations Industrial Development Organization (UNIDO) is the specialized agency of the United Nations that promotes industrial development for poverty reduction, inclusive globalization and environmental sustainability. The mandate of UNIDO is to promote and accelerate inclusive and sustainable industrial development in developing countries and economies in transition.

The Programme Development and Technical Cooperation Division (PTC) is responsible for providing technical cooperation services on technological and economic issues in the following areas covered by five branches: Trade Capacity Building, Business Investment and Technology Service Branch, Agri-Business Development, Energy and Climate Change and the Montreal Protocol.

PROJECT CONTEXT

UNIDO is working in collaboration with the Department of Environmental Affairs (DEA), Department of Mineral Resources and Energy (DMRE), Department of Trade and Industry (the DTI) and other entities in implementing the project entitled “*Promoting organic waste-to-energy and other low carbon technologies in small, medium and micro enterprises (SMMES) scale: Accelerating biogas market development in South Africa*”. The project seeks to promote market-based adoption of integrated biogas technologies in small, medium and micro-scale enterprises in South Africa in line with the country’s target to promote the development of the renewable energy sector and the green economy.

The project has now entered the scaling-up phase, in which it seeks to support the establishment of a replication mechanism to mainstream the application of biogas for SMMES *by assisting organic waste-to-energy based investment projects (or upscaling the existing capacity) through provision of technical assistance to reach project bankability*.

2. Objective of the Call

The objective of this call is to identify *organic waste-to-energy based* projects linked to SMMEs with high replicability potential in the South African market and provide them with targeted technical assistance and investment facilitation support. The submitted proposals will be subjected to a technical and financial review to ascertain whether they qualify for assistance and what type of assistance would be most suitable. One of the determining factors will be whether they can reach bankability status within a period of less than 12 months. The selected proposals will receive technical assistance by experts towards reaching bankability within the prescribed period.

The submitted proposals are required to provide all details regarding planned project, site selection, availability of feedstock, as well as clear technical and financial analysis, if available. It is also necessary for all projects to precisely express the services and/or areas in which they require technical assistance. Once the project is selected, UNIDO will deploy appropriate experts to provide the necessary technical assistance with the aim of reaching financial closure. Any available documentation such as feasibility studies, off-take agreements, feedstock agreements, licensing, Power Purchase Agreements (PPAs), shall be submitted as attachments to the proposal.

3. Selection criteria

This call is issued in respect of proposals from interested potential organic waste-to-energy investment projects in the SMMEs sector, which require technical support and/ or services in order to improve the bankability prospects of their projects. Advanced projects (those with completed technical design details, pre-feasibility and/or feasibility studies) are highly encouraged to apply. The proposals are expected to:

- i. deploy organic waste-to-energy – biogas or other applicable waste-to-energy low carbon technologies for productive uses;
- ii. demonstrate their replicability and scale-up potential and contribution towards national development priorities;
- iii. show a concrete business plan and with potential for commercial viability
- iv. operating at low or pilot scale and is ready for scale-up, where applicable;
- v. looking for mergers, acquisition or joint venture, which will add value to an existing / current waste-to-energy – biogas technology business and/or other sectors, where applicable;
- vi. presented a qualified technical and management team;
- vii. promote gender, environmental and social benefits; and
- viii. submit a comprehensive report on implementation status of the project, if available

This call is open to proposals from private and public entities, NGOs, community organizations, etc.

4. Confidentiality Clause

UNIDO will not disclose any of the details submitted with any third party. Technical experts providing assistance to identified projects under this call for proposals will be subjected to confidentiality. All provided data will be treated and managed as confidential.

5. Submission of Proposals

Interested parties, that satisfy the above requirements, should submit their proposals in line with templates available through the following link: <https://forms.gle/93H3po5do1vvmBJw7>

Please submit filled out form as well as any relevant documents and files related to the project proposal to Renewables@unido.org

Only proposals submitted in compliance with the provided template will be considered. The evaluation of each of the proposals will be conducted by UNIDO through a review process. The deadline for submissions is 10.04.2020.

6. Language:

All proposals and attached documents should be in English. All written material submitted to UNIDO should be of such quality that no additional technical editing is required.