

TSHWANE BIO-ENERGY PROJECT



PROJECT OWNER

TEDA

PROJECT VALUE

R322 million



IMPACT

- The capital investment value is R322 million.
- A gross value added (GVA) of R170 million per annum, with creation of an estimated 20 jobs during the pilot phase and 10 permanent jobs during operation.

Opportunities

Short to medium-term opportunities:

- Pilot project for 15 months
- Logistics and operations

Long-term opportunities:

- Implementation at other waste water treatment works

PROJECT OWNERSHIP

Tshwane Economic Development Agency

Mr. Mogau Leshilo (Executive Manager: Projects Portfolio Management)

Tel: 012 358 6527

Email: mogaule@tshwane.gov.za

PROJECT DESCRIPTION

The proposed facility will utilise waste from the Daspoort Waste Water Treatment Works and the Tshwane Fresh Produce Market. The waste will undergo anaerobic digestion to produce a biogas, which will be upgraded to produce methane. In the process, carbon dioxide and digestate will also be produced. The methane will be used to supply the Tshwane Rapid Transit (TRT) buses that are currently in operation.

LOCATION

In Region 3 of Tshwane, the property is located at Pretoria Town and Townlands 351-JR at Daspoort Waste Water Treatment Works.

