



CLEAN TRANSPORT



science & innovation

Department:
Science and Innovation
REPUBLIC OF SOUTH AFRICA



UJ's Process, Energy and Environmental Technology Station (UJ PEETS) was established in 2010 under the support of the University of Johannesburg. UJ PEETS is funded by the Technology Innovation Agency (TIA), an agency of the Department of Science and Innovation (DSI). Our mission is to provide technical oriented enterprise development support in the water, energy and environmental sector through appropriate technological innovation to grow South Africa's socio-economy in a sustainable manner.

UJ PEETS works closely with industrial and economic partners as well as with other municipal, academic, and non-academic research institutions. To reduce emission associated with the transportation sector and meet the high air quality requirements in urban areas, clean form of transportation is required. We have a team of experts and series of support laboratories with different test systems to conduct air emission test and vehicle exhaust emission test.

Our vision is to ensure that the high density transportation corridor is free of harmful pollutants. We seek to support municipalities with experience based advisory services in their attempt to migrate to soot-free transportation technologies.

We offer the following services:

RESEARCH AND FIELD WORK

- Air quality assessment using mobile tools
- Vehicle exhaust emission measurement using PEMS
- Vehicle performance evaluation
- Comparative transport technology assessment

- Fleet renewal strategy towards soot-free transport
- Transport policy development
- Technology migration and change management

BIOMETHANE FOR TRANSPORT

- Waste quantification, characterisation and biogenic potential analyses
- Feasibility and techno-economic analyses
- Biochemical methane potential analysis
- Plant and process design and specification
- Project management

We also offer other services within the clean transport unit of UJ PEETS, leveraging on the network of laboratories and experts within and outside the University of Johannesburg, regionally and internationally. Give us a call we will go an extra mile to exceed your expectation positively.

CONTACT US

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NOTE

- Pricing depends on exchange rate.
- Quotation provided on request.

