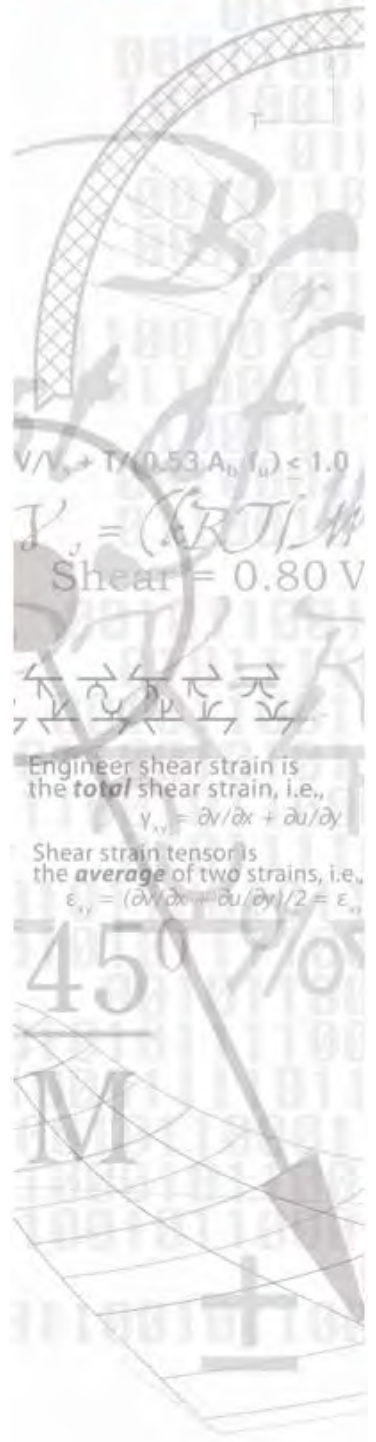




# ASSET MANAGEMENT CAPABILITY STATEMENT





## BIGEN AFRICA SERVICES (Pty) Ltd

# ASSET MANAGEMENT

### Management Consulting Services

Good quality infrastructure is the cornerstone of service delivery, economic development, public health and safety. Asset management practices advance the sustainability of such infrastructure.

BIGEN AFRICA has established strategic partnerships with leaders in this field and positioned itself as a service provider of choice in infrastructure asset management.

Government resources, including immovable assets, must be used efficiently and effectively to ensure sustainable service delivery. Recent legislation (GIAMA), as well as National Treasury guidelines on Asset Management define the requirements for proper recording of infrastructure assets. Generally Recognised Accounting Practice (GRAP) stipulates the principles for recognising infrastructure assets in the asset registers of Municipalities.

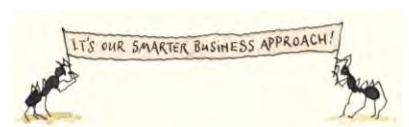
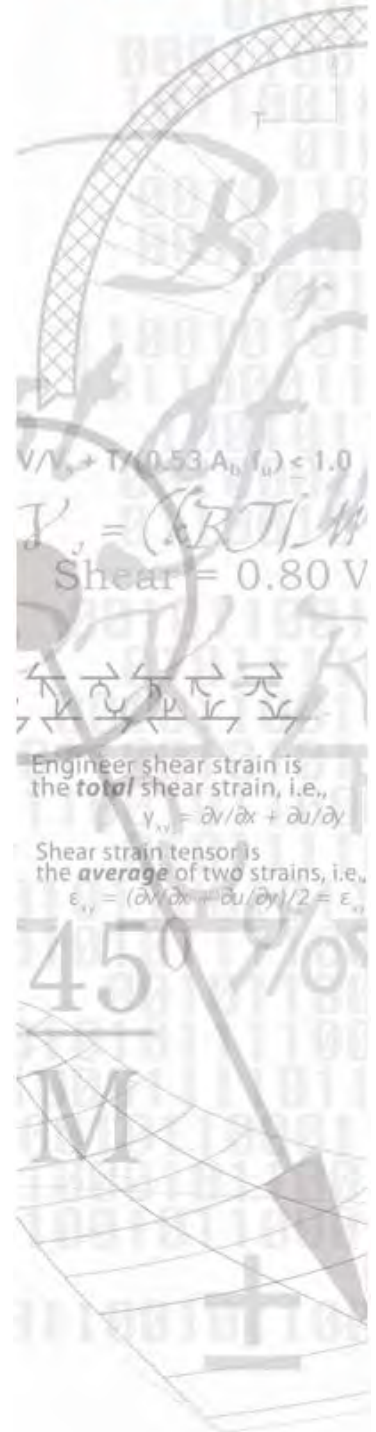
It is within this context that BIGEN AFRICA developed the following :

- Development of asset management policy
- Design of assessment methodologies and tools
- Development and population of infrastructure asset registers
- Development of appropriate infrastructure norms & standards
- Development of cost models to quantify infrastructure backlogs
- Development of infrastructure asset management plans

## Our Competitive Advantage

Our integrated approach between engineering experts and accounting specialists ensures a technically sound and auditable infrastructure asset register

By combining technical solutions with innovative institutional and financial modelling, we offer value for money in infrastructure asset management, in both the private and public sectors.





## Asset Management Programme

BIGEN AFRICA adopted a programmatic approach to asset management that is accepted as Best Practice internationally. It entails the following:

1. Develop an Asset Management Strategy
2. Acquire an Inventory of Assets
3. Assess the Condition of Assets
4. Perform a Financial Valuation of Assets
5. Establish Capital and Operating Budgets
6. Maintain, Repair, Renew and Replace Assets

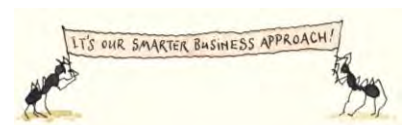
The goal of infrastructure asset management is to meet a required level of service, in the most cost effective manner, through the management of assets for present and future customers.

## The BIGEN AFRICA Asset Management Team

The asset management team has the experience, capability and expertise to provide clients with professional services in all aspects of infrastructure asset management. The team includes engineers, valuers and asset management experts.

The team is headed by David van der Westhuyzen (BEng PrEng, PrCPM, PMP), Solomon Lehobo (BEng PrEng, PrCPM, PrMP) and Harold Lombard (MEng PrEng, PrCPM, PMP). Together, the BIGEN AFRICA leadership has over 60 years experience in civil infrastructure projects; with specific focus on the infrastructure asset management specialism over the last 6 year period.

The asset management team has access to a network of professionals who provide knowledge and expertise to support the execution of specialised projects.

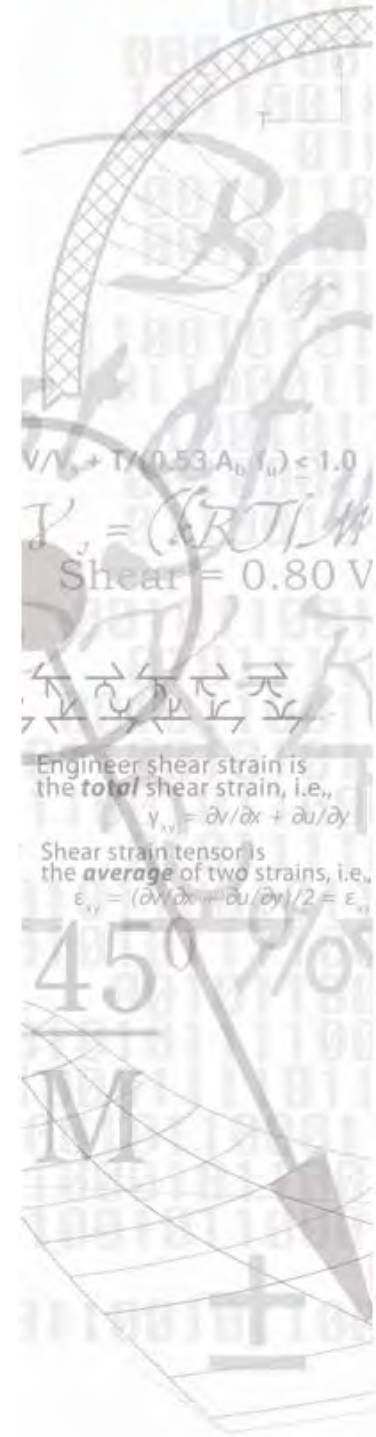


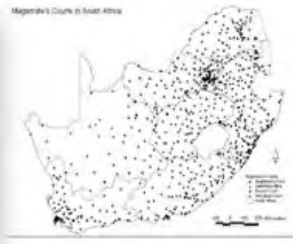


## Project Highlights

The selection of BIGEN AFRICA asset management projects listed below highlight some of the areas in which our team has acquired in-depth knowledge and expertise in immovable asset management.

Description	Value	Year(s)
DWAF – Compilation of asset register performance modelling of all bulk water and sanitation assets in the Western Highveld Region of Mpumalanga	R2.5m	1997
DWAF – Condition assessments, leading to the compilation and implementation of O&M plans in the Western Highveld Region of Mpumalanga	R10m	1999 - 2003
DWAF – Condition assessment of all water & sanitation infrastructure assets in the Nkangala DM and cross border to Sekhukhune DM areas (replacement value > R1 billion)	R1m	2003
Department of Public Works – Condition assessment of 92 Police facilities nationally	R1.3m	2003 - 2004
Magalies Water (Temba area) – Condition assessments, leading to the compilation and implementation of O&M plans	R4m	2004 - 2008
Department of Education - Condition assessment, leading to the compilation of asset register and infrastructure investment plan for 27 000 public schools and related infrastructure	R60m	2005 - 2006
Department of Justice & Constitutional Development - Condition assessment, leading to the compilation of asset register and asset management plan for 10 000 courts and related infrastructure.	R16m	2007 -2008
Limpopo Provincial Education Department – update of asset register for 1 120 public schools	R3.6m	2008 - 2009
GRAP / GAMAP compliant identification, componentization and valuation of immovable assets for various municipalities: <ul style="list-style-type: none"> <li>• Steve Tshwete</li> <li>• Elias Motswaledi</li> <li>• Mogale City</li> <li>• Govan Mbeki</li> <li>• Randfontein</li> </ul>	R8m	2008 - 2009
Development of Asset Management Plans for various municipalities: <ul style="list-style-type: none"> <li>• Steve Tshwete</li> <li>• Mogale City</li> </ul>	R2m	2008 - 2009





## Empowerment

BIGEN AFRICA has trained more than 300 infrastructure assessors. With a quality management approach based on ISO 9000, BIGEN AFRICA has mentored these assessors not only to competently execute their assignment, but also to be independent thinkers.

Several BEE candidates have progressed from assistants to experienced infrastructure assessors under the guidance of experienced residential and commercial property assessors.

## Contact Details

**Solomon Lehobo / David van der Westhuijzen / Harold Lombard**

Tel +27 (0) 12 842 8700

Fax +27 (0) 12 843 9000/9001

email [solomon.lehobo@bigenafrica.com](mailto:solomon.lehobo@bigenafrica.com)

[david.vanderwesthuijzen@bigenafrica.com](mailto:david.vanderwesthuijzen@bigenafrica.com)

[harold.lombard@bigenafrica.com](mailto:harold.lombard@bigenafrica.com)

PO Box 29 Innovation Hub Pretoria 0087

Allan Cormack Street off Hotel Street

Cnr Meiring Naude Road, The Innovation Hub,

0087

