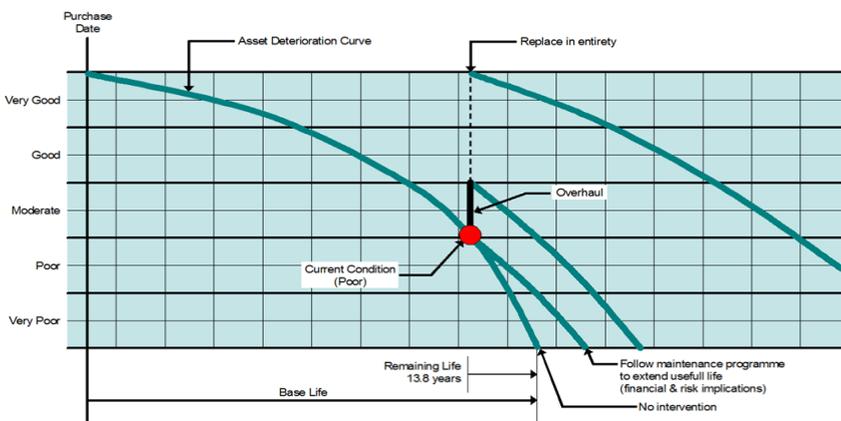IMESA proudly announces a groundbreaking initiative
to support municipalities in their quest for
better asset management and GRAP17 compliance …

IMESA INFRASTRUCTURE MANAGEMENT SYSTEM (IIMS)
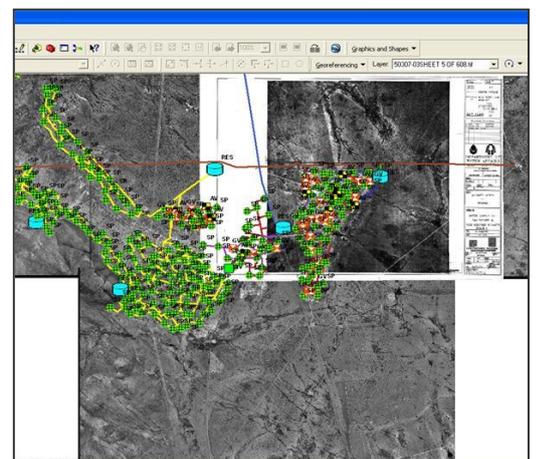

Now municipalities can ….
- standardise asset reporting and componentisation
- determine and quantify asset conditions and impairment of infrastructure assets
- develop asset maintenance budgets for a five-year cycle
- carry out long-term planning relating to the cost of replacement of civil infrastructure
- prioritise the maintenance of infrastructure
- generate their own Asset Management Plans

How will it be available to municipalities?

IIMS …

- comprises free asset management software

- is hosted by IMESA, so that municipalities can enjoy the leverage, the wealth of experience and the skills IMESA has to offer, particularly to those with few or no technical skills

IMESA INFRASTRUCTURE MANAGEMENT SYSTEM (IIMS)

Probably the greatest challenge facing municipalities in South Africa is that of asset management: the effective and methodical recording of all accumulated assets with a view to managing them today and maintaining them for the future in the most cost-effective manner possible. With this in mind, IMESA has developed an innovative and comprehensive asset management methodology that will not only help municipalities to ensure GRAP17 compliance by capturing the data required to generate GRAP17 registers, but to apply this information to improving long-term municipal asset management and maintenance planning. The ultimate goal, of course, is to enable municipalities to use this new-found knowledge to provide improved service delivery to their communities.

IMESA believes that the system is very accessible to the user and uncomplicated in terms of its general implementation; it is thus ideal for use across all municipalities.

Asset management specifics

By standardising data collection, the system will provide municipalities with a means to monitor the following in terms of infrastructure assets (immovable) and movable assets and to generate a GRAP17 asset register:
– location
– componentisation
– asset impairment (based on the condition of each asset)
– remaining useful life
– maintenance backlogs and maintenance costs and cash flow for the next five years
– future asset replacement cash flow and replacement requirements
– asset lifecycle replacement costs.

Municipalities will have at their fingertips standardised records of the condition of their infrastructure, enabling them to determine on an ongoing basis the impairment and maintenance needs of the infrastructure, thus providing opportunities for informed planning.

Document management
The system further provides for the storage and access of useful and important documentation relating to:
– the calculation of asset valuations
– policies that support asset management processes.

Budgetary issues resolved by IIMS
Through the implementation of the IIMS, IMESA will prepare a simple and standard method for determining the Current Replacement Cost (CRC) of infrastructure assets, which will assist the municipalities with the allocation of budgets and prioritisation of maintenance and, furthermore, enable them to determine immediate and long-term financial requirements. Methodical planning will also undoubtedly improve productivity and enhance co-operation between technical and financial staff, which in turn should improve service delivery.

Technical and other advantages of IIMS

The infrastructure data is loaded into the database and hosted on a dedicated secure server with daily data backup. Municipalities will have access to their data 24 hours per day, 7 days per week. IMESA believes that a centralised approach to software provision and data hosting will prove more cost-effective to municipalities than similar products, because IMESA would provide the specialised server and IT staff required.

Furthermore, municipalities would have access to IMESA leverage and be able to utilise the wealth of experience within IMESA (which is of particular value to municipalities with few or no technical skills).

What information would municipalities have to provide?

In order to implement the IIMS, the municipalities would be required to provide the following information:

1. existing infrastructure (immovable) and/or movable asset register
2. asset number in the financial system
3. type of asset
4. acquisition date of asset
5. asset location (preferably in GIS shape file format)
6. asset dimension/size (not essential if shape file is provided)
7. asset condition (if available but not essential for the initial data upload).

Cost to the municipality

The software is offered free of charge, with no limit to the number of individual user licences within each municipality. In order to recover the costs of support as well as hosting of the asset data, IMESA will charge a nominal monthly maintenance fee.

In order to obtain more information regarding the implementation of the above IIMS, and to upload asset and infrastructure information to the asset databases for each municipality, please contact IMESA on 031 2663263.