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## MEMORANDUM

TO: Portfolio Committee on Economic Development  
Attention: Ms Noluthando Skaka  
DATE: 22 Novemebr 2013  
FROM: David Lievaart PrEng  
SUBJECT: **Infrastructure Bill [B49-2013] - Comments**

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*presented*

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Thank you for the opportunity to comment on this important Bill.

I would expect to see the following referred in the legislation:

### **1. Life Cycle Analysis (LCA)**

LCA should be carried out on all Strategic projects or Programme of projects to ensure their long term implications are understood and taken into account when evaluating, implementing and monitoring these projects and programmes.

### **2. Triple Bottom Line Reporting**

Benefit/Cost reporting during all stages (from concept to decommissioning) of strategic projects and programmes must be provided in terms of:

- Social impacts
- Economic/Financial impacts
- Environmental impacts

### **3. Asset Management Plan (AMP)**

An AMP for all strategic projects and programmes must be provided. These AMPs should include:

- The level of service to be provided is defined and quantified
- The risks raised by the project made up of probabilities of failure of key components of the project and the impact on the achievement of the deliverables of the project, the population effected by failures and the impact on the environment of failures

- A description of the operations and maintenance requirements to achieve the defined level of service over the long term
- Cash flow projections for at least 25 years after commissioning of the infrastructure, showing construction/installation/commissioned cost, operations costs, maintenance costs, scheduled refurbishment costs and decommissioning or renewal/replacement costs

#### **4. Monitoring against Best Appropriate Practice**

All strategic projects and programmes should be monitored against Best Appropriate Practice to measure their achievement of good value for money and good allocation of other resources over their lives. These BAPs must be defined early in the project based on national and international experience of similar projects and objective criteria used to monitor performance against them must be established.

#### **5. Regular Reporting**

It should be expected that the Steering Committee should report all strategic projects/programmes and provide an integrated report on these projects/programmes. These reports should be provided at regular, pre-determined intervals.

I look forward to the implementation of this legislation.

Regards

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