Fiscal Risks Analysis:
State Owned Enterprises Perspective in Malawi

33rd International Conference on Government
Financial Management (ICGFM)

Miami, Florida

Hetherwick Njati
May, 2019
Outline

• Fiscal Risks
• Financial Risks
• Sources of Fiscal Risks
• Impact of Fiscal Risks
• State of SoEs in Malawi
• Fiscal Risks Indicators
• Factors that have led to increased Fiscal Risks for SoEs
• Fiscal Risks arising from SOEs in Malawi
• Impact of materialized fiscal risks
• Possible Mitigation measures
Fiscal Risks

• The possibility of deviations in fiscal variables (i.e. revenues and expenses) from what was expected at the time of the budget or other forecast.

• Arises from macroeconomic shocks and realization of contingent liability;
Financial Risks

• The possibility that shareholders, investors, or other financial stakeholders in a firm or venture will lose money if the company's cash flow proves inadequate to meet its obligations.
Types of Fiscal Risks

• General macroeconomic risks,
• Specific fiscal risks,
• Institutional risks.
Sources of Fiscal Risks

- **Forecasting error/risk**
  - Due to exogenous macroeconomic volatility, parameter instability, or political interference with budget forecasts;
  - Growth, inflation, exchange rate, oil or other commodity prices, interest rates;

- **Long-term or truly exogenous factors**
  - Climate change, natural disasters

- **Contingent liabilities**
  - Guarantees and other stand-behind obligations (from Local governments, SOEs, banking system, ...)
  - Public investment projects and/or PPPs
Impact of Fiscal risks

Once materialized, the deviations created by fiscal risks could impact the following:

• Macroeconomic variables
• Revenues
• Expenditures
• Deficit
• Debt
Categorization of State of SoEs in Malawi

Categorization by
1. Function
2. Financing
Overview of SOEs in Malawi

Categorization of SOEs in Malawi by Financial Source

- Commercial: 53%
- Sub-Vented: 22%
- Semi-Subvented: 25%

SOEs By Mandate/Function

- Trading: 33%
- Regulators: 25%
- Service Providers: 42%
Size of the SoE Sector in Malawi

<table>
<thead>
<tr>
<th></th>
<th>2016 Audited</th>
<th>2017 Audited</th>
<th>2017-18 Mid Year</th>
<th>2018-19 Planned</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total assets</strong></td>
<td>564,960</td>
<td>640,551</td>
<td>662,034</td>
<td>856,058</td>
</tr>
<tr>
<td><strong>Total Liabilities</strong></td>
<td>261,719</td>
<td>296,080</td>
<td>245,664</td>
<td>418,352</td>
</tr>
<tr>
<td><strong>Total Revenue</strong></td>
<td>194,040</td>
<td>239,991</td>
<td>111,908</td>
<td>379,286</td>
</tr>
<tr>
<td><strong>Profit after tax</strong></td>
<td>20,981</td>
<td>2,420</td>
<td>49,472</td>
<td>21,112</td>
</tr>
</tbody>
</table>

As a percentage of GDP

<table>
<thead>
<tr>
<th></th>
<th>2016 Audited</th>
<th>2017 Audited</th>
<th>2017-18 Mid Year</th>
<th>2018-19 Planned</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total assets</strong></td>
<td>14.5%</td>
<td>12.8%</td>
<td>12.8%</td>
<td>14.5%</td>
</tr>
<tr>
<td><strong>Total Liabilities</strong></td>
<td>6.7%</td>
<td>5.9%</td>
<td>4.8%</td>
<td>7.1%</td>
</tr>
<tr>
<td><strong>Total Revenue</strong></td>
<td>5.0%</td>
<td>4.8%</td>
<td>2.2%</td>
<td>6.4%</td>
</tr>
<tr>
<td><strong>Profit after tax</strong></td>
<td>0.5%</td>
<td>0.0%</td>
<td>1.0%</td>
<td>0.4%</td>
</tr>
</tbody>
</table>
Sources of Fiscal Risks from SOEs

- Some SOE debt may be explicitly guaranteed
- All SOE debt are subject to perception of implicit guarantee by SOE managers and creditors etc
- Fluctuations in taxes, royalties, dividends
- Fluctuations in value of equity Requirements for capital from government for new investment (on-lending, or capital injections)
Sources of Fiscal Risks from SOEs.

- Requirements for operating subsidies
- Requirements for periodic bail-outs, perhaps due to Quasi Fiscal Activities (QFAs)
- Lumpy one-off receipts from privatizations
- Reclassifications of entities
- Opportunities for ‘creative accounting’
Fiscal Risk Indicators for SOEs

1. Profit and loss of each entity, and of the consolidated public corporations sector, as a % of GDP
2. Net equity position of each entity and the consolidated sector as a % of GDP
3. Other indicators:
1. Profit and Loss of each entity, and of the Consolidated Public Corporations Sector (Number of Commercial SoEs)

- 2016 Audited
- 2017 Audited
- 2017-18 Mid Year
- 2018-19 Planned

- Profit making
- Loss making
Net Equity position of each entity and the consolidated sector as a % of GDP

**Figure 7: Return on Equity** (number of entities)

- 2016 Audited
- 2017 Audited
- 2017-18 Mid Year

**Figure 8: Return on Equity** (Percent)

- 2016 Audited
- 2017 Audited
- 2017-18 Mid Year
- 2018-19 Planned

- Regulatory
- Service Provision
- Trading
Other Indicators

A. Accumulation of SOEs debt: Contingent Liabilities
B. b-Sensitivity to market issues: Cost recovery
C. C-Payment Arrears by Government
D. d-Liquidity
   - Non performing loans
E. Fiscal Flows between SoEs and the National Budget
A- Accumulation of SOEs debt: Contingent Liabilities

**Figure 10:** Debt to Equity, 2016 (percent)

**Figure 11:** Debt to Equity, 2017 (Percent)
B- Sensitivity to market issues: Cost recovery

![Chart](chart.png)
C - Payment Arrears by Government

• Utility SOEs face challenges to collect from Government institutions
• As of December 2018, Cumulative Govt. arrears was at around $37m.

• Related to this:
• Bail-out for Struggling SOEs resulting from challenges to service debt
Payment Arrears by Government
D - Liquidity

- Increased levels of short term borrowing through Overdrafts
- Costly financing of operations
- Trading SOEs perpetually maintain Overdrafts
E-Non performing loans

• There has been instances of default on some loans
• This has led to materialization of contingent liability
SOEs debt Stock: Contingent Liabilities
F - Fiscal Flows between SoEs and the National Budget

Transfers from Government to SOEs (millions of Kwacha)

Actual vs. Statutory Dividends and the payout Ratio
Impact of Fiscal risks

Once materialized, the deviations created by fiscal risks could impact the following:

- Macro-economic variables
- Revenues
- Expenditures
- Deficit
- Debt
Factors that increase risks from SoEs

Fiscal risks from SOEs tend to be greatest when:

• The need to improve public services is great
• Financial sector is underdeveloped
• The central government is trying to reduce its own debt and deficit
• Used to deliver political patronage and rents
• They operate with little government oversight
Strategies for reducing the risks from SOEs

• A variety of strategies:
  • Limit size of SOE sector – privatization, partial privatization, or shrink over time
  • Corporatization
  • Sound corporate governance
  • Prudent regulation of FPCs
  • Progressively reduce QFAs
  • Systematic monitoring and reporting of entity performance
  • Intervening before problems become severe e.g. control risk-taking directly by limiting entity borrowing
  • Establishing a credible no-bailout policy

• Governments should pursue a mixed strategy— reduce exposure, active monitoring, some controls, and attempt to avoid bailouts

• But combining controls and monitoring may increase expectations of bailouts
Managing Fiscal Risks

1. Identifying and monitoring
   - Risk assessment framework
   - Central coordination unit
   - Information collection/consolidation

2. Analyzing
   - Economic sensitivity analysis
   - Asset-liability assessment
   - Valuing contingent liabilities

3. Mitigating
   - Risk allocation strategy
   - Institutional responsibility

4. Incorporating in budget
   - Debt level
   - Budget margins/reserves
   - Budget for contingent liabilities
   - Stabilization funds

5. Reporting
   - Economic sensitivity analysis
   - Public sector balance sheet
   - Fiscal risk statement
Thank you!!