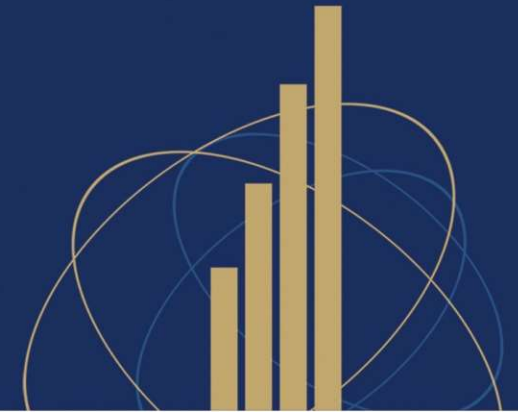




# Procurement automation to enable data driven decisions



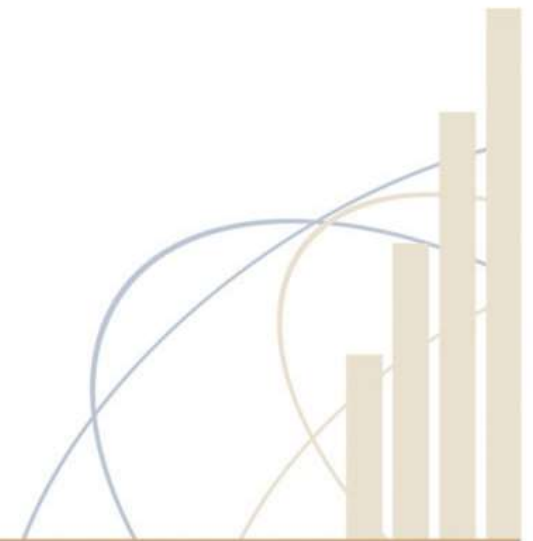
[www.cigfaro.co.za](http://www.cigfaro.co.za)

**Dr. Silma Koekemoer**  
**National Treasury**  
**mSCOA Regulations Team**

SAQA Recognised Professional Body

# Why procurement automation and data driven decisions?

- **Modernisation of Public Procurement Systems**
- **Improved transparency, accountability and ethical conduct**
- **Support for Legislative and Policy reforms**
- **Promote efficient use of public resources**



# Key procurement decision points

Strategic planning – Medium term budget estimates



Annual Budget Allocation, and Service Delivery and Budget Implementation Planning



**Procurement planning** – Balancing Supply and Demand



**Procurement process, contracting and Service Delivery Agreements**



Service delivery and supplier performance management



# Procurement automation / data driven decisions

- **Strategic planning and legal compliance:**

Automated data gathering and analysis

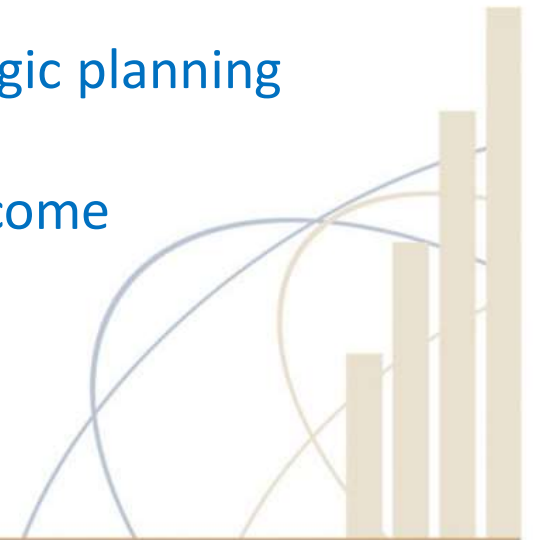
Generating strategic insight

Drafting strategic plans

Legal, regulatory and policy compliance evaluation

Strategic executive reporting and dashboards

- \*\* More time available to review and deliberate on strategic planning
- \*\* Planning for legal, regulatory and policy compliance
- \*\* Planning the strategic and operational output and outcome
- \*\* Enabling strategic executive reporting and dashboards  
for effective oversight and monitoring



# Procurement automation / data driven decisions

- **Operational planning and budget allocation**

Analysis of previous years' expenditure patterns

Analysis of MTREF estimates and institutional financial capacity

Demand analysis - balancing demand and supply of services

- predictive analysis and projections

Financial year budget allocations

Service delivery priorities, planning and financial implications

Draft procurement plan - existing contracts

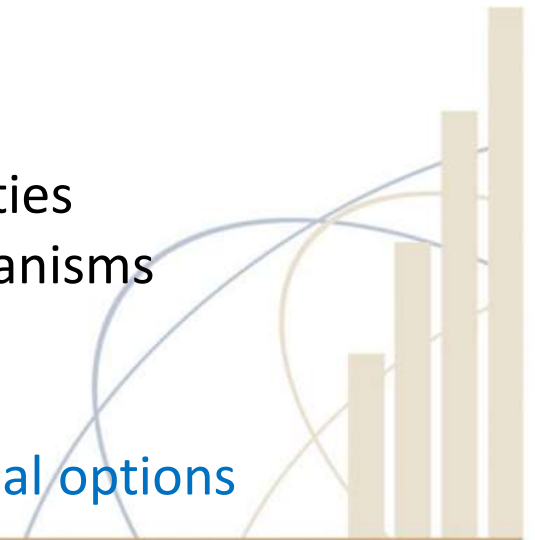
budget allocations

service delivery priorities

service delivery mechanisms

\*\* Improved fact-based planning

\*\* More time to interrogate plans and consider operational options

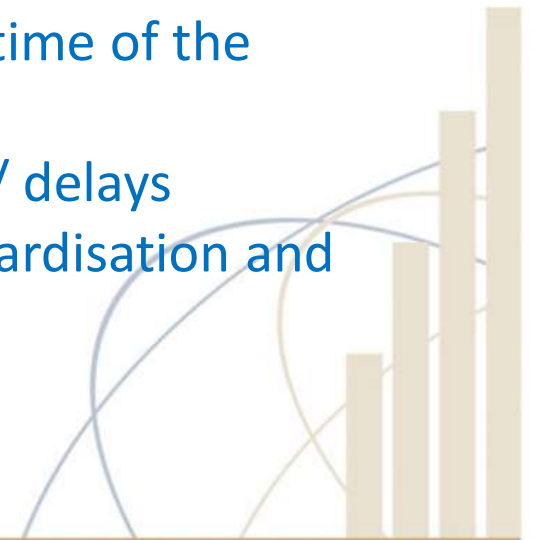


# Procurement automation / data driven decisions

- **Procurement administration**

- Automate and streamline repetitive administrative tasks
- Use standard commodities and template specifications
- E-submission of bids to enable auto-analysis
- Consistency in executing tasks and evaluations
- Environmental friendly practices
- Improved efficiency, cost- and time-saving

- \*\* Reduced the administrative burden and turn-around time of the procurement cycle
- \*\* Improved efficiency and reduced administrative cost / delays
- \*\* Improved transparency and uniformity through standardisation and automation of tasks



# Procurement automation / data driven decisions

- **Committee processes and evaluation**

Automated pre-evaluation of compulsory information  
Comparison and ranking of CVs and pricing proposals  
Auto scheduling, agenda generation and minutes / recordings  
Management and reporting on process turn-around  
Performance tracking and auto-escalations  
Improved efficiency and time-saving

- \*\* Reduced committee administration
- \*\* Improved transparency and uniformity through standardisation and automation
- \*\* Shorter process turn-around time
- \*\* More time for in-depth discussion
- \*\* Maintenance and preservation of documents, records
- \*\* Full audit trail generated and maintained



# Procurement automation / data driven decisions

- **Contracting and Service Level Agreements**

Use of standard contracts, SLAs and penalty clauses

Auto-generation from the evaluation criteria and committee decisions

Auto-distribution of process outcome notifications / letters

Monitoring and reporting of supplier performance

Executive and operational reports and dashboards

\*\* Reduced administration and turn-around time

\*\* Improved transparency and uniformity through standardisation

\*\* System supported contract administration, management and reporting

\*\* Full audit trail generated and maintained

\*\* System supported management, monitoring and oversight



# Procurement automation / data driven decisions

- **Supplier Relationship Management**

Registration of suppliers – contact information, products and services, performance and government relationships

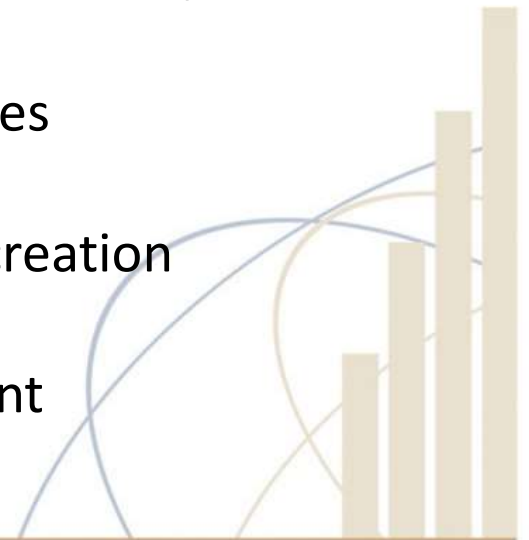
Enable market research and price analysis (bell curve application)

Engage suppliers through communication, pre-tender meetings, industry days, and supplier / industry bodies

Identify new trends, innovations and technologies

Encourage innovation, collaboration and value creation

Promote job creation and economic development



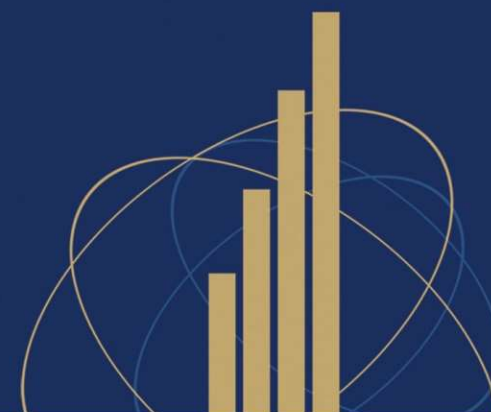
# Value of automation and data driven decisions

- **Efficient and transparent administration**
- **Continuous process improvement**
- **Optimised allocation of resources**
- **Value for money procurement**
- **Overall cost reductions**
- **Ongoing quality assessment and performance evaluation**
- **Improved risk management and oversight**





# Thank You!



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