FCSA Programme: Data Strategy Implementation – Opportunities and Challenges

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Project Background and Objectives

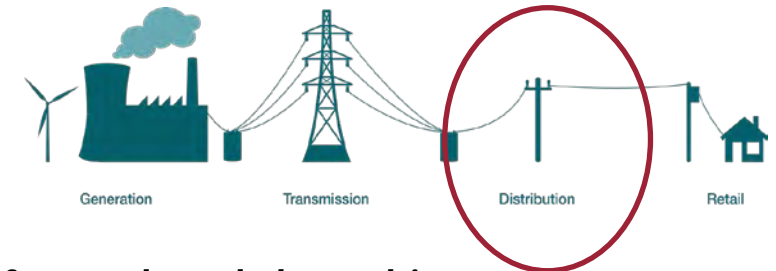There are two components of this Project:

Data Strategy Implementation Support

- The key purpose of this project is to provide the City with strategic support in implementing key elements of the City's data strategy:
    - strengthens the City's technical and human capacity for evidence based decision making

- The data strategy is focused around six workstreams i.e. Governance, Culture, Architecture, Partnerships and Collaboration, Capabilities, and Privacy (POPIA)

- There are two use cases being implemented as part of the project (Electricity Asset Management and Informal Settlements Survey)

Economic Analysis Capacity Building

- The economics workstream focuses on areas of economics research and tools

Ultimately, the project aims to improve the well-being of residents through informed and data driven decision-making in policy, planning and service delivery through the realisation of the City's data strategy

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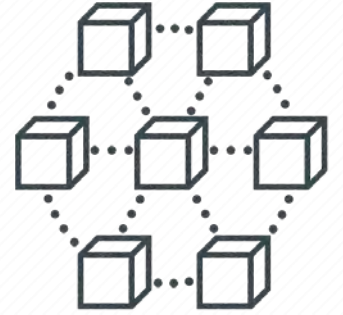ISIXEKO SASEKAPA
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Opportunities for better data usage

- Align organisational structure for strategic implementation of Data Strategy

- Scaling technical solutions and project best practices/learnings

- City data as an economic asset for local tech industry for product development and creation of public goods

- Better consideration of the needs of women and vulnerable or excluded groups through disaggregated data

- Opportunity for cross functional teams to work together:
  - Supports breaking down silos
  - Administrative data that can be used to enhance decision making

- Variety of data improves the reliability of economic capabilities

- Openness with data can build trust and partnerships with residents, but:
  - City risks to be assessed and managed,
  - Vulnerability and needs to be well managed

- Enhancing data capabilities

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Challenges around data usage

- Consistent data governance practices:
  - Data standards, metadata and stewardship needs to be embedded

- Implementation in a busy City context: learning and reflecting time

- Scarce local economic data (formal and informal)

- Administrative data tends to be collected for a single purpose:
  - Not set up for sharing across the City government (ito governance or engineering)
  - Varying stewardship and custodianship standards

- Data driven performance management for core basic services holds large potential – but caution needed due to strict auditing requirements

- Increasing understanding of residents and use of wider range of data sources whilst also protecting privacy and personal data

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Thank You

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