



**Western Cape
Government**

Department of the Premier

Province-wide Data Governance (PWDG)

Context

Provincial Spatial Information Forum
21 February 2019

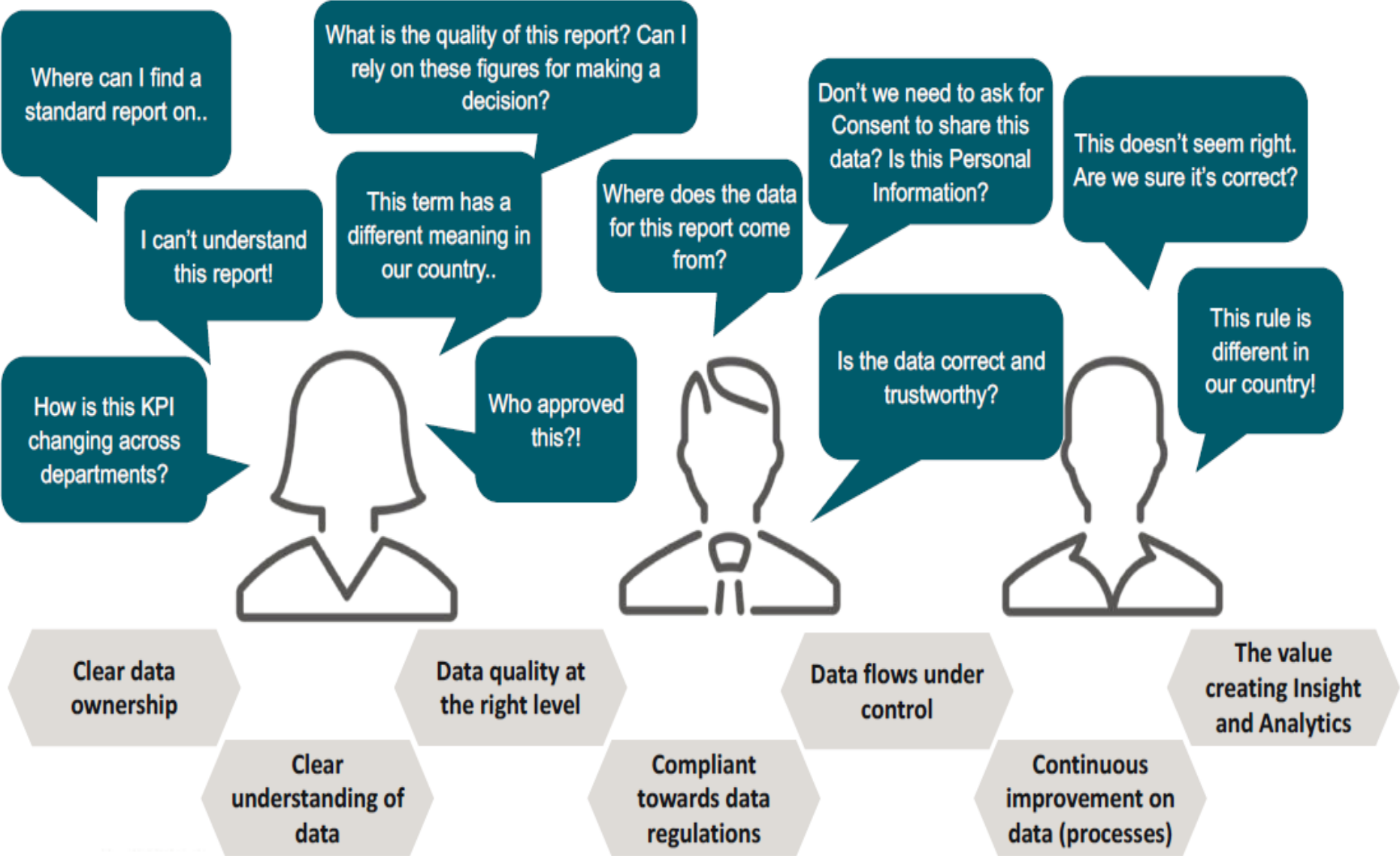
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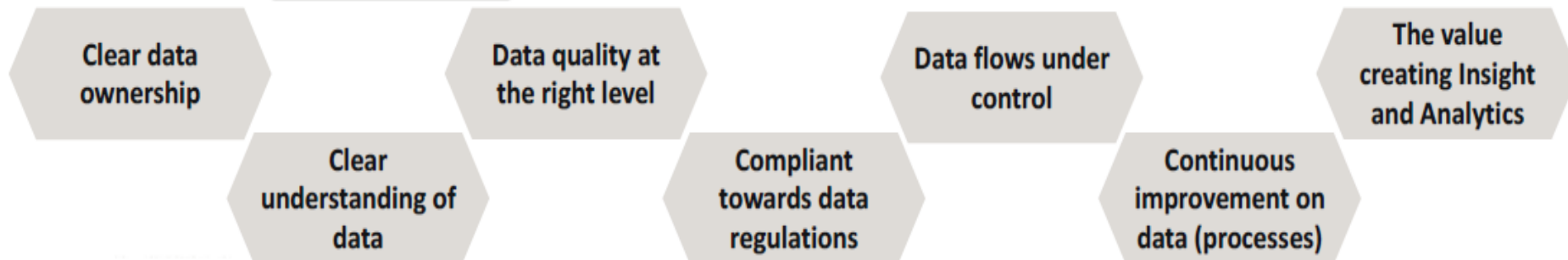
Why Data Governance?



Why Data Governance



There is a high demand in the WCG for coherence in the production and use of data and information to inform evidence-based decision-making.



Drivers for WCG



6,5 M
people



- Service delivery complexities
- 493 Different data sources systems in WCG



- 13 Departments
- 80,000 employees

Data Governance Scope



Data Governance Programme

Province-wide Data Governance (PWDG) is about the overall management of the availability, usability, integrity, and security of the data to be managed as a strategic asset in WCG.

A PWDG Master Plan is in place, supported by a programme plan.

Stream 1

Effective coordination of data sources across sectors towards a logical data warehouse

Stream 2

Better data & information policy; standards for data management, privacy, compliance and security

Stream 3

Effective implementation of consistent standards and application of indicators, data quality and metadata standards

Stream 4

Advocacy (Information, Communication & Learning)

Stage approach

Stage 1: Conceptualisation & Planning



- Compilation of chapters
- Vision Articulation
- Roadmap Approach
- Solutions for Enterprise
- Resource Plan
- Project Design
- Key Stakeholders

Stage 3: Implementation



Stage 2: Pre-Implementation



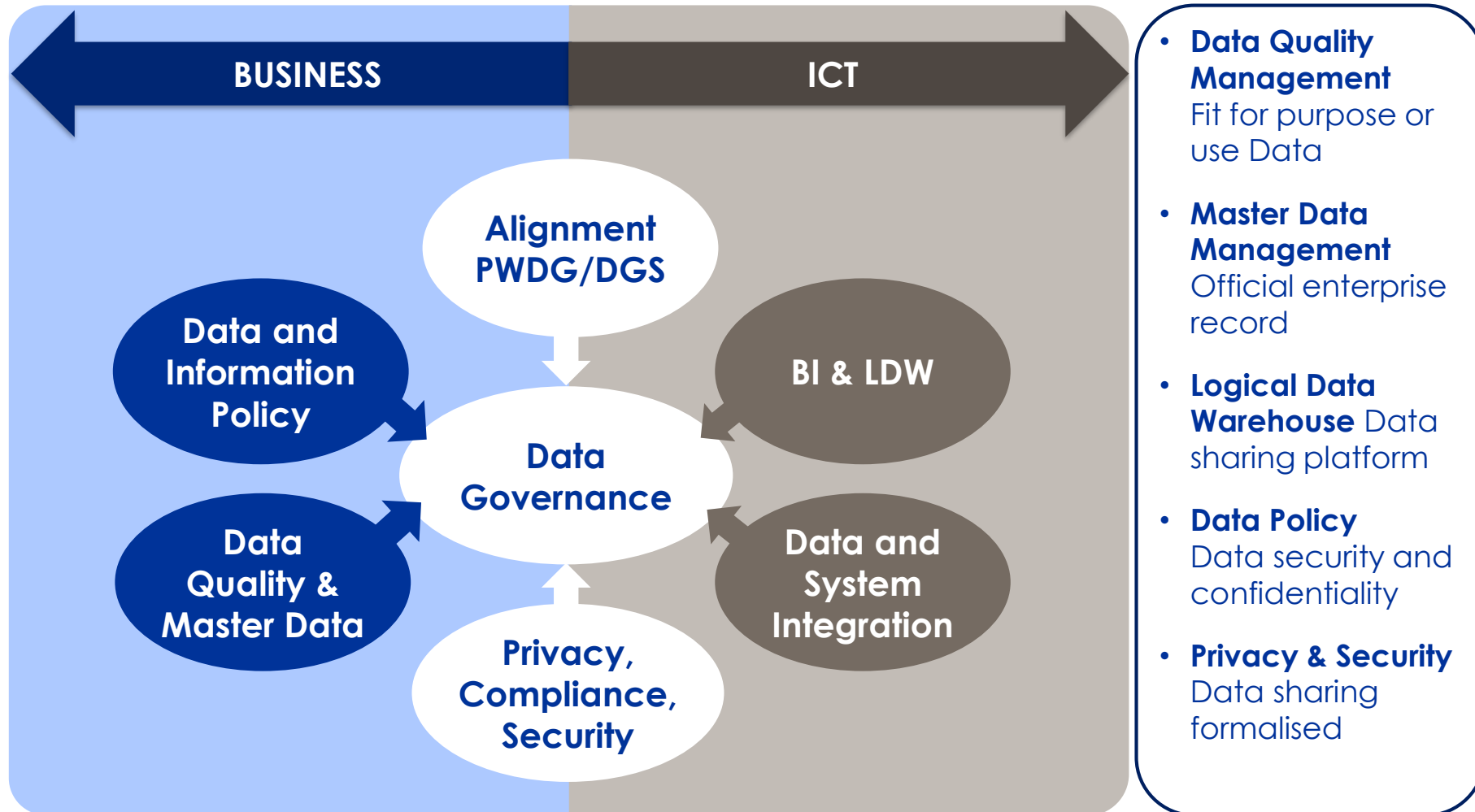
- Readiness Assessment
- Identifying best practices
Stakeholder Engagements
- Governance Arrangements

- Implementing
- Monitoring via programme plan
- Evaluating institutional outcome

Status

Stage 1	<ul style="list-style-type: none">• Finalised Master Plan• Consultations• Established project governance• Liaised with existing Governance Structures	
Completed		
Stage 2	<ul style="list-style-type: none">• First level Analysis• Readiness Assessment/ Analysis of Roles• Regulatory Impact Assessment• Best practices• Conceptual Data Competency Centre• Review Stage 1 and 2	
Completed		
Stage 3	<ul style="list-style-type: none">• Collaboration and Integration- Internal• Collaboration with Departments• Data Competency Centre established• Implementing PWDG programme / DGS focus on three capabilities DQM, MDM and LDW	
Current and long-term Implementation		

Scope for Stage 3



Cuts across the 4 streams

Key Projects for Stage 3

- Data Quality Management Framework
- Data Discovery
- Maturity Assessment
- Assessment of Data
- Data Quality Tools (technology)

- Developing Standards for Address, Person, Facility, Services
- Master Data Services (technology)

- Extend Data Integration of BizBrain with other source systems (e.g. Persal, BAS, Census, etc.)
- Bring in data from local level (primary data)

- Regulatory Impact Assessment
- Data Management Procedures

- Generic data agreement to share data
- Confidentiality agreements signed by data users
- Memorandum of Understanding with Stats SA

- Data Quality Management
- Master Data Management
- Logical Data Warehouse
- Data Policy
- Privacy & Security

Delivering Stage 3



Integrated delivery

Data Competency Centre (DCC)

- Data and IT Champions
- Accountability and Ownership
- Drive Change through Data Policies and Standards
- Manage Change at PTM and Cabinet level

DotP Technical Team (Data Office, TAPS, OD)

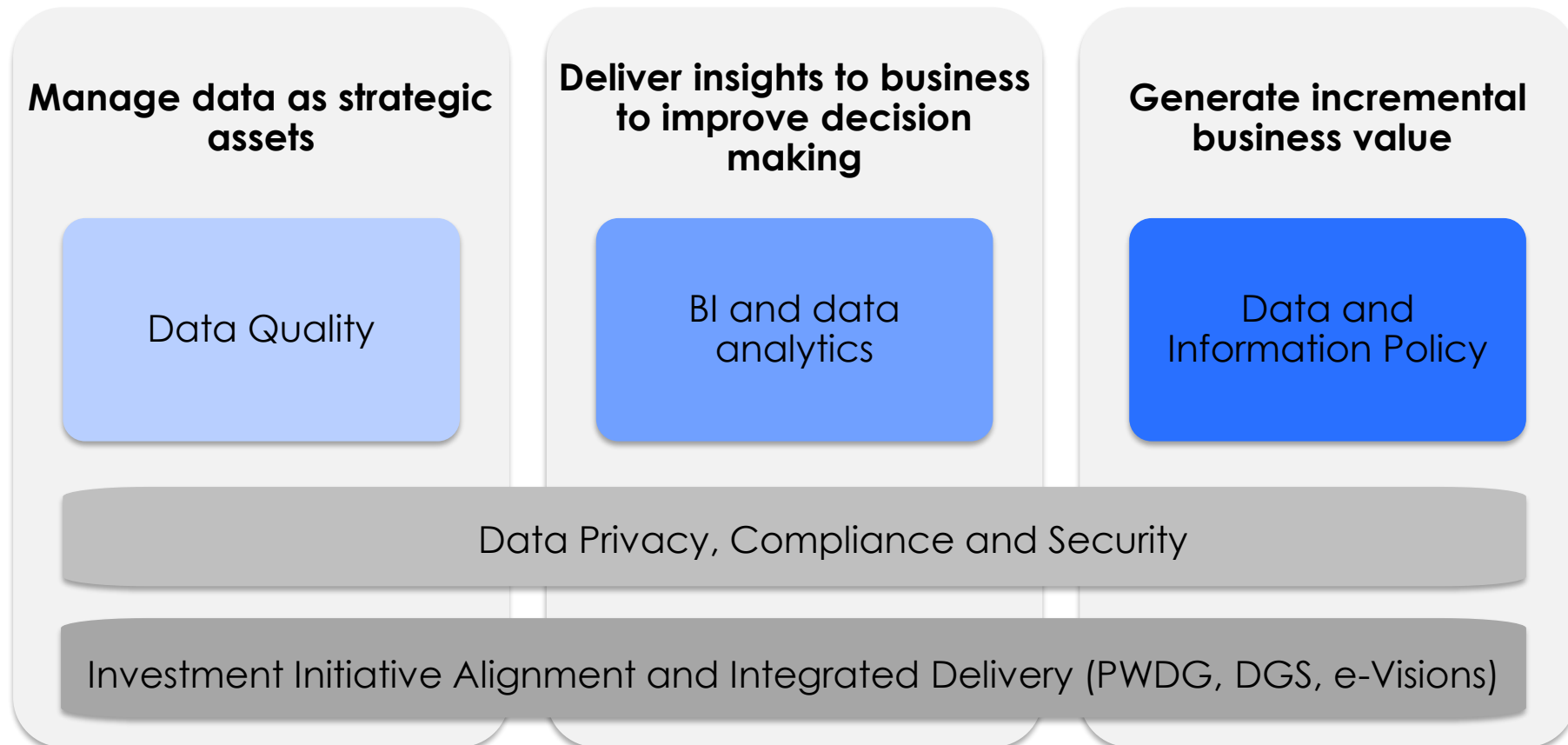
- Business, IT, and Culture
- Data Quality Management Tools
- Master Data Management Solution
- Logical Data Warehouse Solution

Benefit Realisation

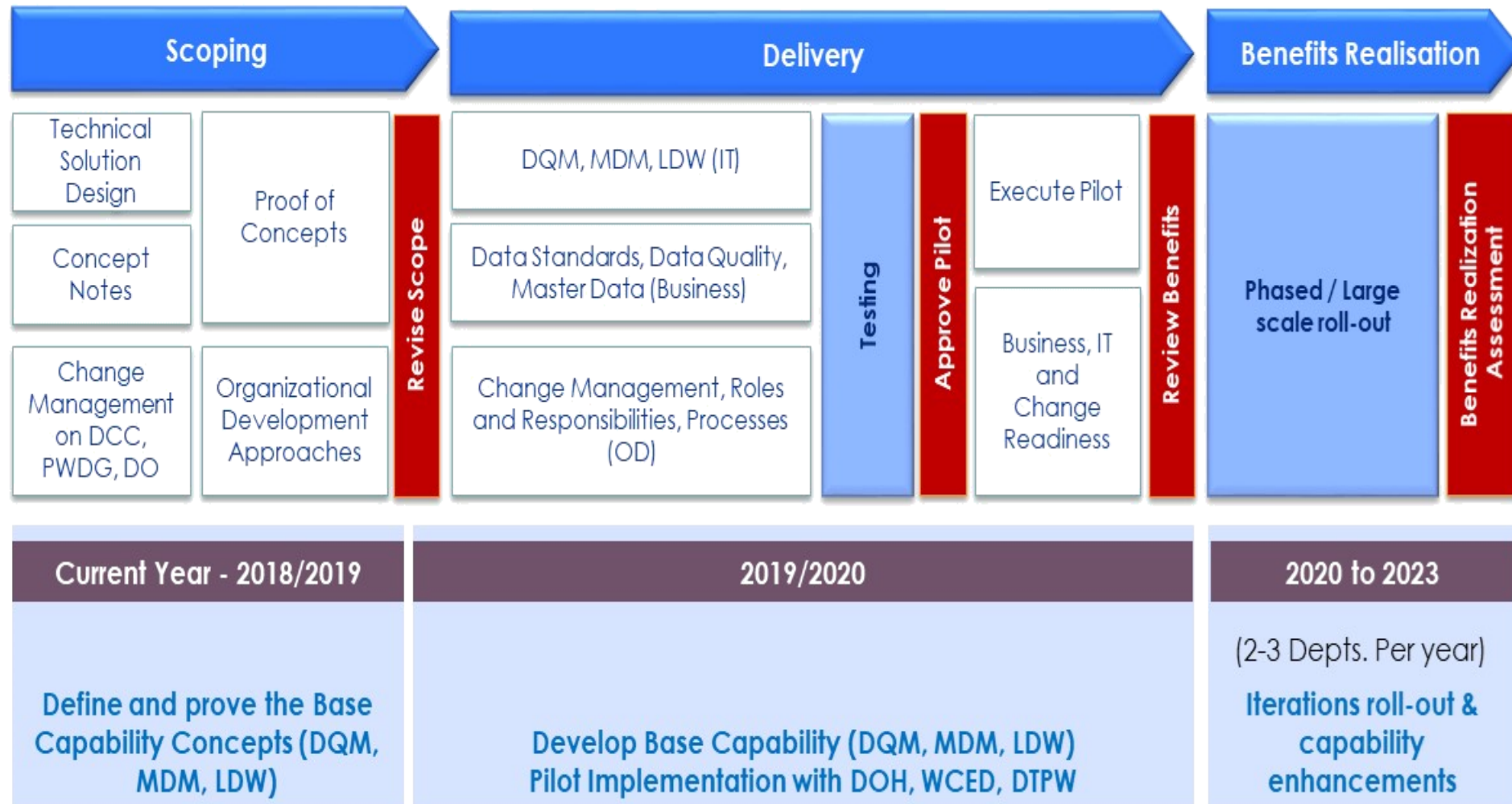


Data Office

To **lead** and **coordinate** data and information as a strategic asset across and within WCG to deliver insights to business for improved decision making and incremental business value.



Integrated Delivery: Approach



PWDG PROGRAMME TIMELINE

Lessons Learnt



Key Lessons Learnt

Stage 1 and 2

- Accountability relating to Ownership, Consensus and Governance Arrangements
- Understanding the need to manage data as a strategic asset
- Culture and Value for an integrated delivery approach

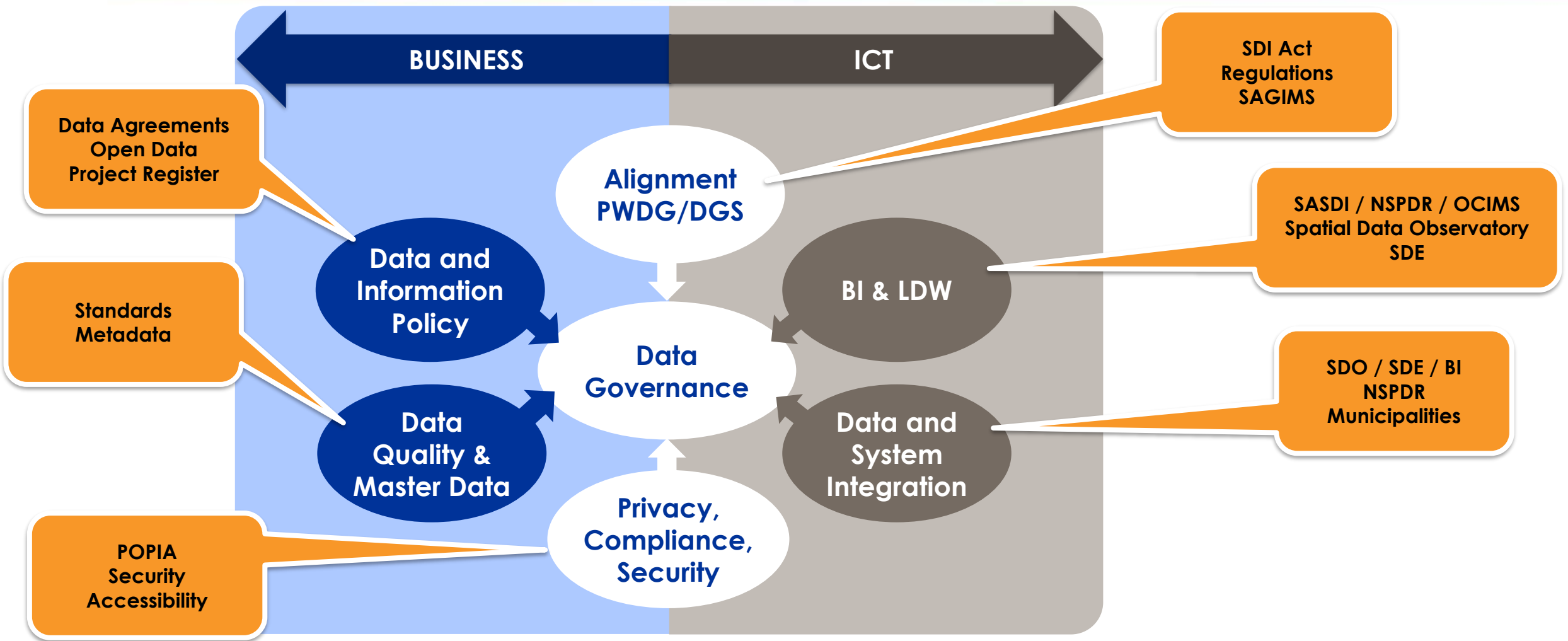
Stage 3

- Acceptance to establish the DCC, Data Office and PWDG Programme.
- Reaffirmation to transform WCG into a data-driven organisation.
- Achievement of data sharing and accessibility is reliant on changing the thinking and ways of working.

Link to Spatial Data Governance



Link to Spatial Data Governance



To provide the audience with the information and tools to manage spatial data in a way that is compliant with the SDI Act and Regulations.

Contact Us



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