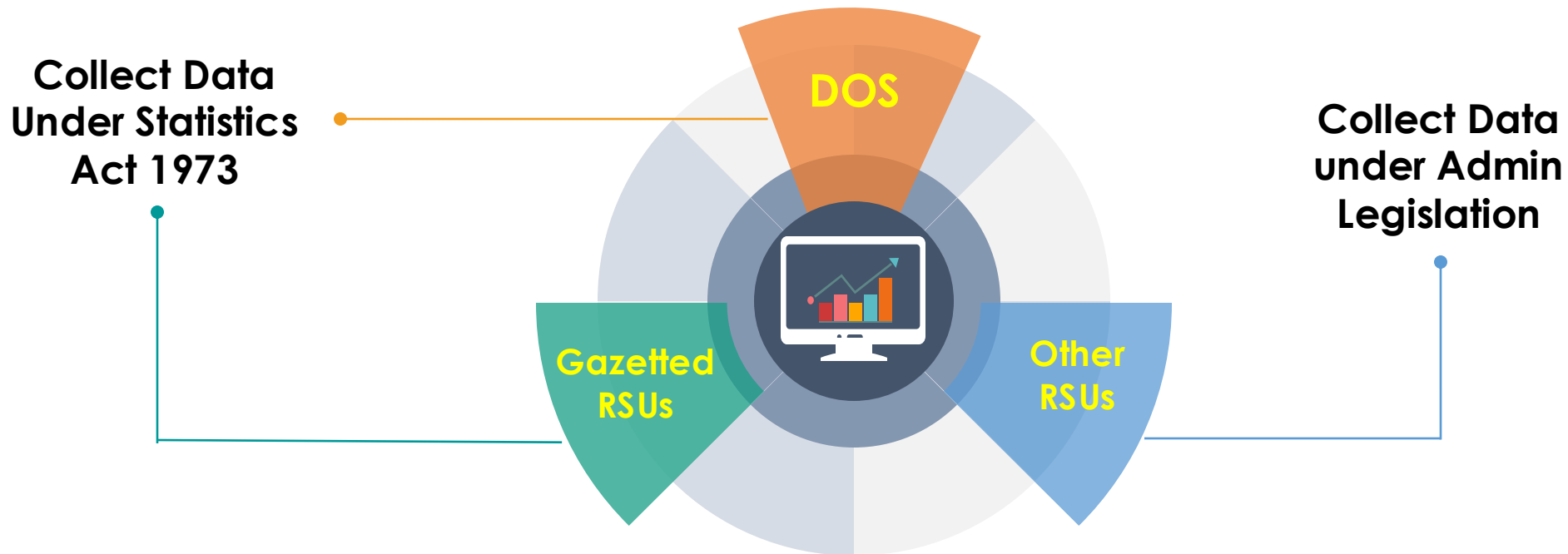# Singapore Department of Statistics' Experience in Implementing Data Strategy

10 Sep 2024

Singapore's Decentralised Statistical System

❖ Singapore has a decentralised statistical system. DOS and Research and Statistical Units (RSUs) in some Ministries and Statutory Boards are gazetted under the Statistics Act 1973 to collect data under their subject matter purview for statistical purposes. Non-gazetted RSUs in other Ministries and Statutory Boards may collect data under administrative regulations or legislation of their parent organisations.

❖ DOS works closely with all RSUs to minimise duplication in statistical activities and surveys, reduce respondent burden and improve data quality.
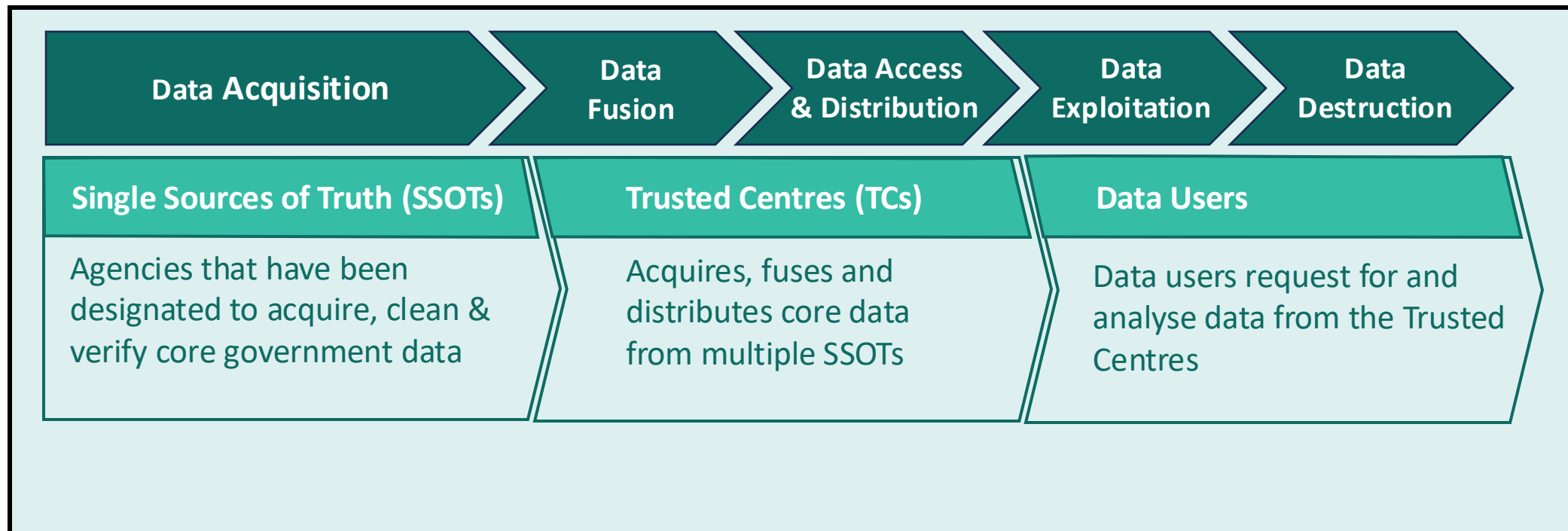

Collect Data Under Statistics Act 1973

DOS

Gazetted RSUs

Other RSUs

Collect Data under Admin Legislation

Government Data Strategy

❖ The Smart Nation and Digital Government Office (SNDGO) (now renamed as the Smart Nation Group (SNG)), was formed in 2017 to lead the digital transformation of the Singapore Government, with the aim of a public service that is 'digital to the core'

❖ To drive this vision, the following initiatives and legal framework for data use and data sharing were put in place:
  ➢ Government Data Strategy (GDS)
  ➢ Government Data Architecture (GDA)
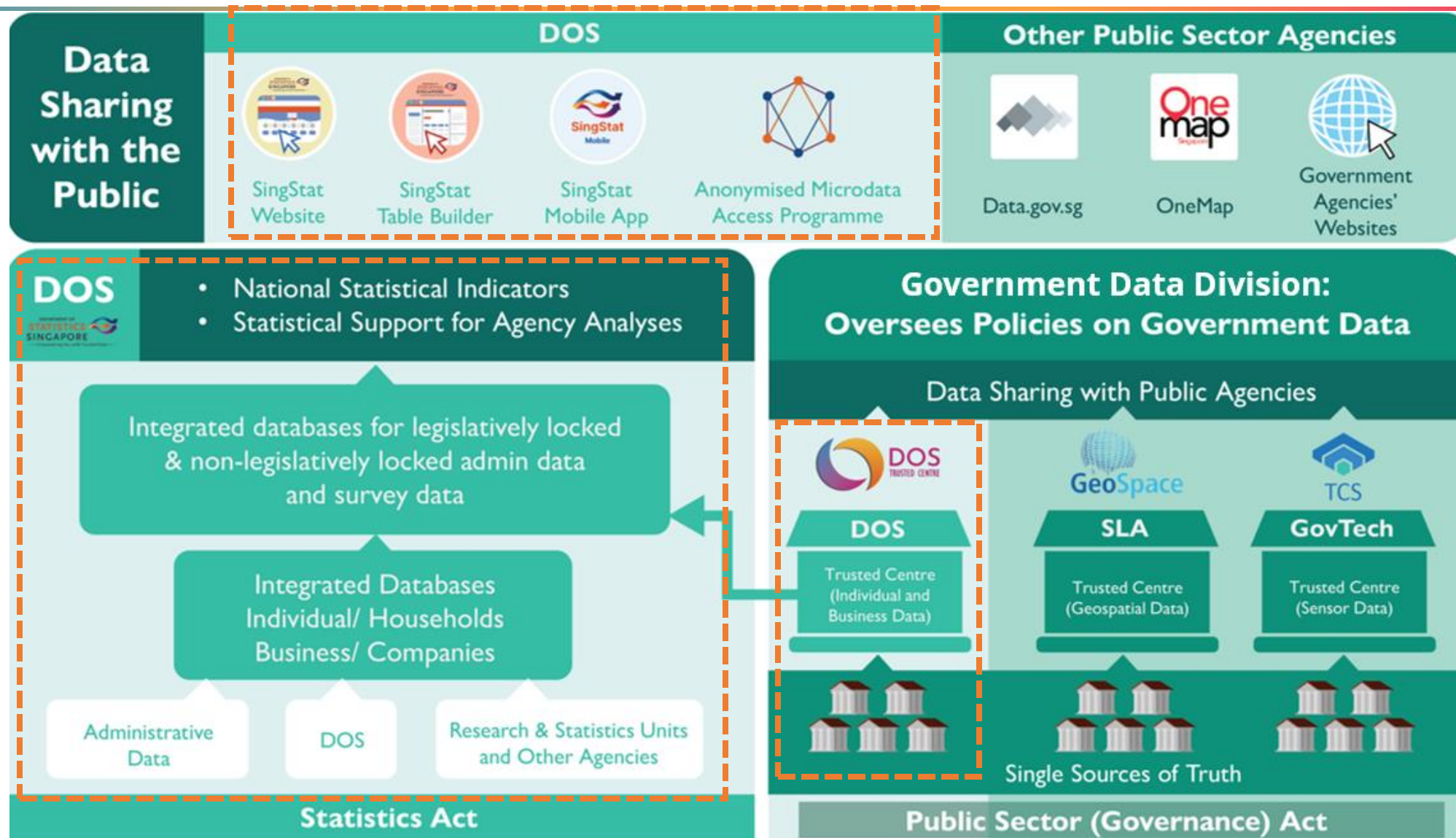 ➢ Public Sector (Governance) Act (PSGA)

Government Data Architecture

The Government Data Architecture (GDA) was implemented in Oct 2019 to facilitate secure data sharing and usage across the public sector. The GDA allows for efficient sharing of clean and authoritative datasets by establishing Single Sources of Truths and Trusted Centres.

Data Acquisition	Data Fusion	Data Access & Distribution	Data Exploitation	Data Destruction

Single Sources of Truth (SSOTs)	Trusted Centres (TCs)	Data Users
Agencies that have been designated to acquire, clean & verify core government data	Acquires, fuses and distributes core data from multiple SSOTs	Data users request for and analyse data from the Trusted Centres

DOS's Expanded Role in Singapore's Expanded Data Landscape

DOS's Data Governance Framework

❖ Maintaining high levels of public trust and confidence in DOS is critical to ensure continued public support for data sharing and flow of data from the public

❖ DOS has adopted a data governance framework with five main pillars to protect and preserve public trust in the management of the data within DOS

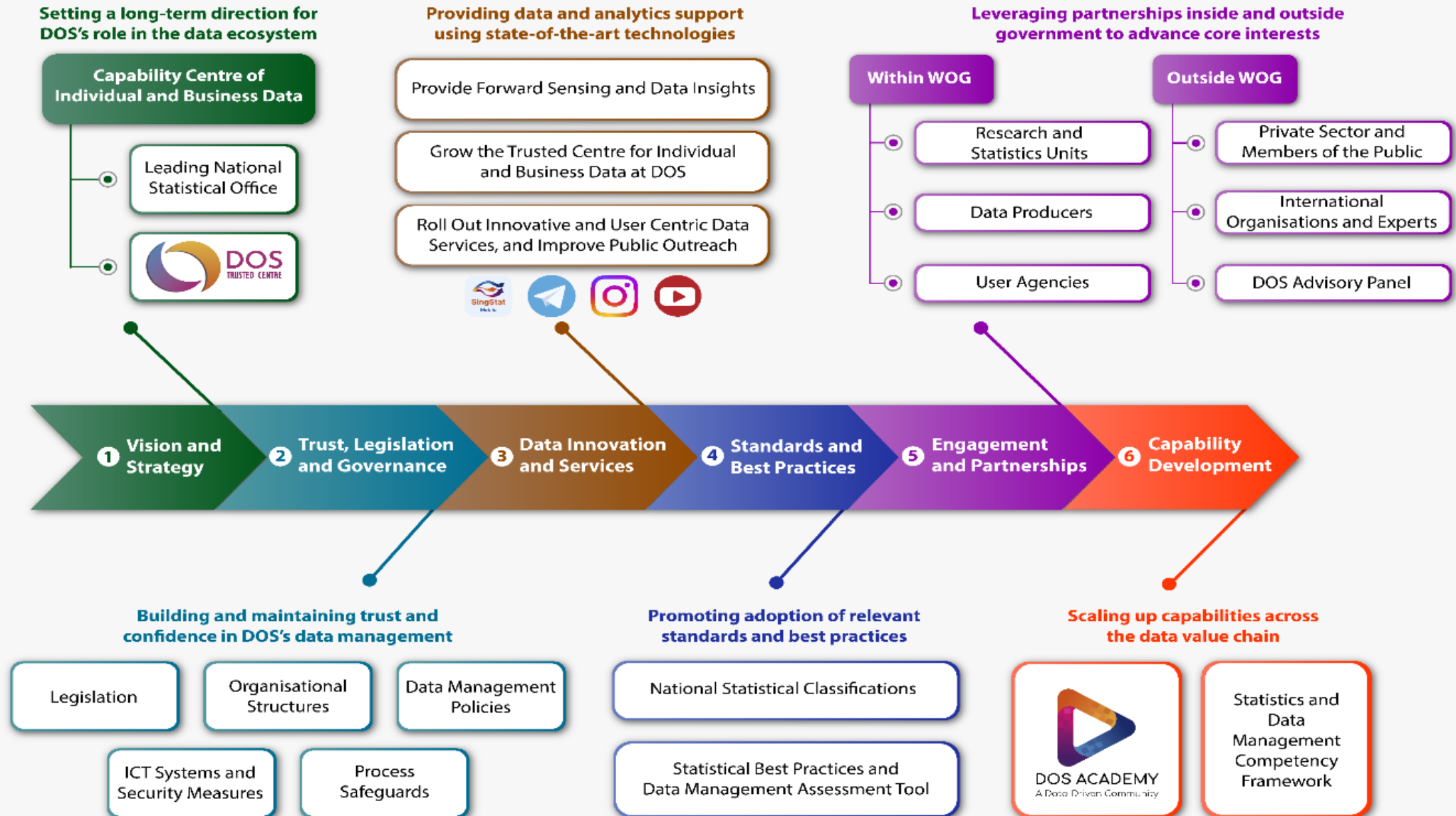| Legislation	Organisational Structures	Data Management Policies	ICT Systems and Security Measures	Process Safeguards

DOS's Statistical Strategy

Thank you

Our Vision
National Statistical Service of Quality, Integrity and Expertise

Our Mission
We Deliver Insightful Statistics and Trusted Statistical Services that Empower Decision Making

Connect with us