Monitoring Progress and Medium-Term Policy Priorities to Accelerate Digital Transformation

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Digital Transformation in Barbados

Economic context
- Fiscal challenges
- High level of debt
- Low Levels of reserves

BERT
- Enhance economic growth
- Debt management
- Fiscal consolidation

Structural transformation
- Social cohesion
- Policies aimed at competitiveness
- Ease of doing business

Digital Transformation in Barbados

Public Sector Modernisation Programme	High transactional costs for citizens and businesses to access public services
	Limited use of digital data for timely decision-making
	Inefficiencies in the civil service
	US$40 million project aimed at improving the effectiveness of public services

Digital Transformation in Barbados

National Digital Strategy	Implementation of Online Services for Businesses and Citizens	Core Digital Infrastructure for Online Service Provision
• eGovernment strategy • Cybersecurity strategy • Training and capacity building	• One-stop-shop for online services • Process reengineering • Common services for digital transactions • Communications and digital education	• Upgrading government central data centre • Hardware • Service kiosks in government offices

Digital Transformation in Barbados

Digital Document and Records Management System

- Digitisation of paper-based records

Digital dashboard for monitoring investment projects

- Public investment management information systems
- Dashboard for public investment projects
- Open data initiative

Digital Transformation in Barbados

Workforce planning

Skills for high performing public service

Strengthening HR management information systems

Outcomes

- Facility to pay for various government services online.

- These include:
  - Land taxes
  - School fees
  - Income taxes

Outcomes

- Tax Administration Management Information System (TAMIS) will replace the current ETAX and VETAS systems to provide an integrated platform that includes the following new features:
  - Fast notifications
  - Simpler tax forms
  - Easier navigation

Outcomes
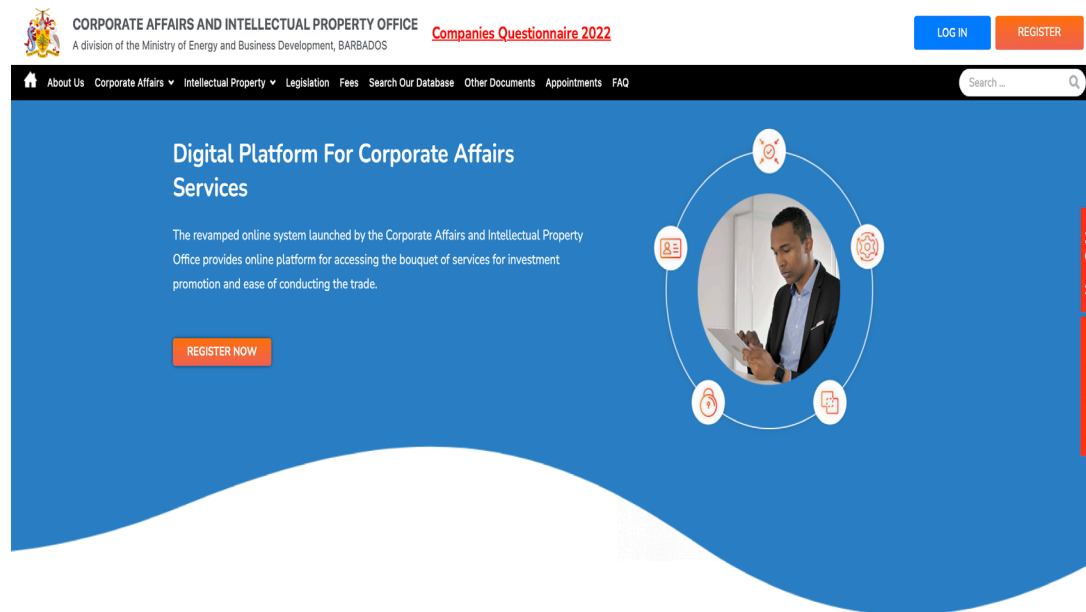
- Corporate Affairs and Intellectual Property Office
  - Facilitate the ease of starting a business in Barbados
  - Search database of busiess names

Outcomes

- National ID card which is more secure, durable and tamper-resistant with a range of visible and invisible security features.

- A Digital ID is an electronic representation of your identity and will allow you to prove who you are without being physically present.
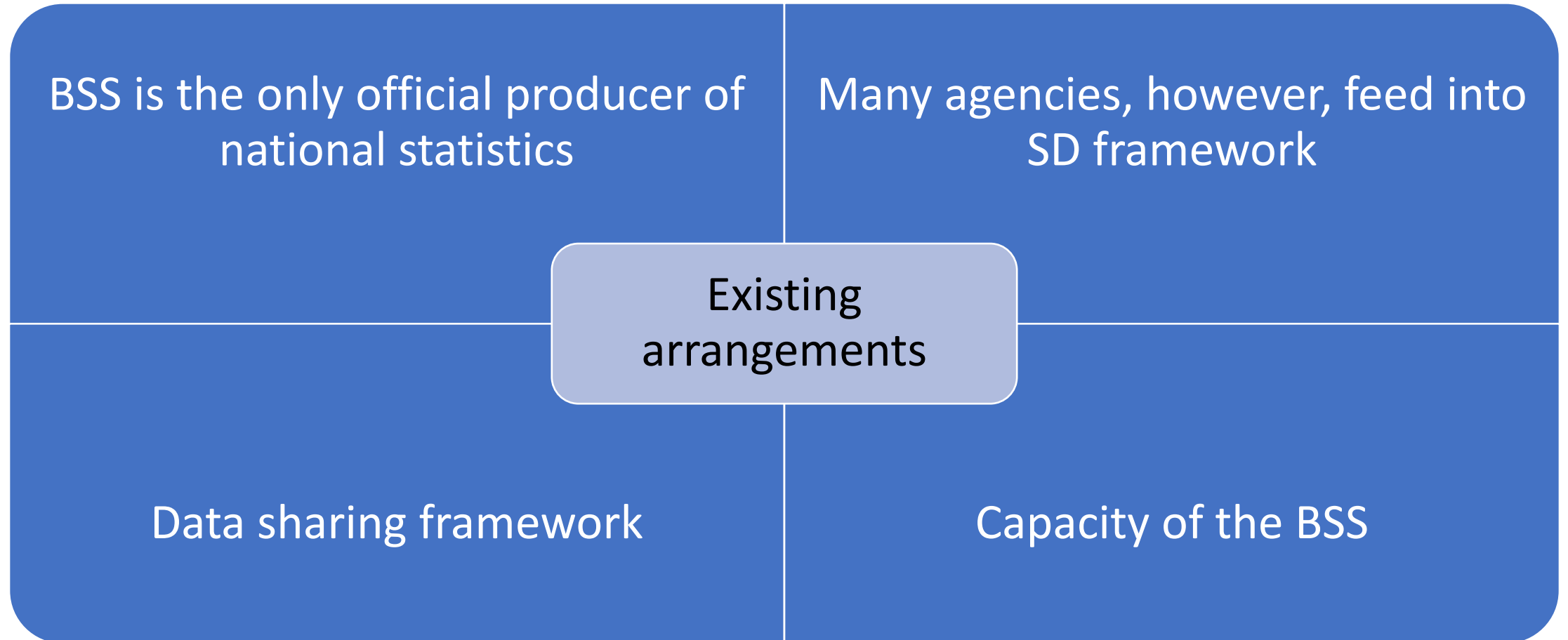
Potential Opportunities for Monitoring the Impact of Digital Transformation

Stocktaking Statistical Systems

Stocktaking Statistical Systems

BSS is the only official producer of national statistics

Many agencies, however, feed into SD framework

Existing arrangements

Data sharing framework

Capacity of the BSS

Capacity Enhancement

- Gaps in Current Data Analysis and Reporting
  - Lack of metadata
  - Most agencies publish their data as PDF documents
  - Internal data and analysis is not published

Capacity Enhancement

- Strategies
  - Digital platform
  - Dissemination platforms

Stocktaking Statistical Systems

Goal 9. Build resilient infrastructure, promote inclusive and sustainable industrialisation and foster innovation.	
Access to all-weather road (% access within 0.5 km distance to road)	Ministry of Transport and Works
Mobile broadband subscriptions per 100 inhabitants, by urban/rural	Telecommunications Unit
Index on ICT maturity	Telecommunications Unit

Stocktaking Statistical Systems

Goal 9. Build resilient infrastructure, promote inclusive and sustainable industrialisation and foster innovation.	
Manufacturing value added as a percent of GDP	Barbados Statistical Service
Total energy and industry-related GHG emissions by gas and sector, expressed as production and demand-based emissions (tCO2e)	Energy Division
Personnel in R&D (per million inhabitants)	Ministry of Labour, Social Security and Human Resource Development

Stocktaking Statistical Systems

Goal 9. Build resilient infrastructure, promote inclusive and sustainable industrialisation and foster innovation.	
Access to all-weather road (% access within 0.5 km distance to road)	Ministry of Transport and Works
Mobile broadband subscriptions per 100 inhabitants, by urban/rural	Telecommunications Unit
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Recommendations

- Develop a statistical framework to fill the data
- Enhance the quality of statistics and standardisation
- Enhance the capacity of the Barbados Statistical Service to collect ICT statistics

Recommendations

- Development of metadata for various statistical products
- Improve data integration and sharing policies and standards across the statistical system
- Enhance the use and harmonisation of ICT strategies for various departments including existing and new hardware and software.
- Continued development of BSS website, dissemination system and release calendar.