

VISUAL MAP OF THE KUWAIT DATA ECOSYSTEM

KUWAIT DATA MAP

DECEMBER 2020

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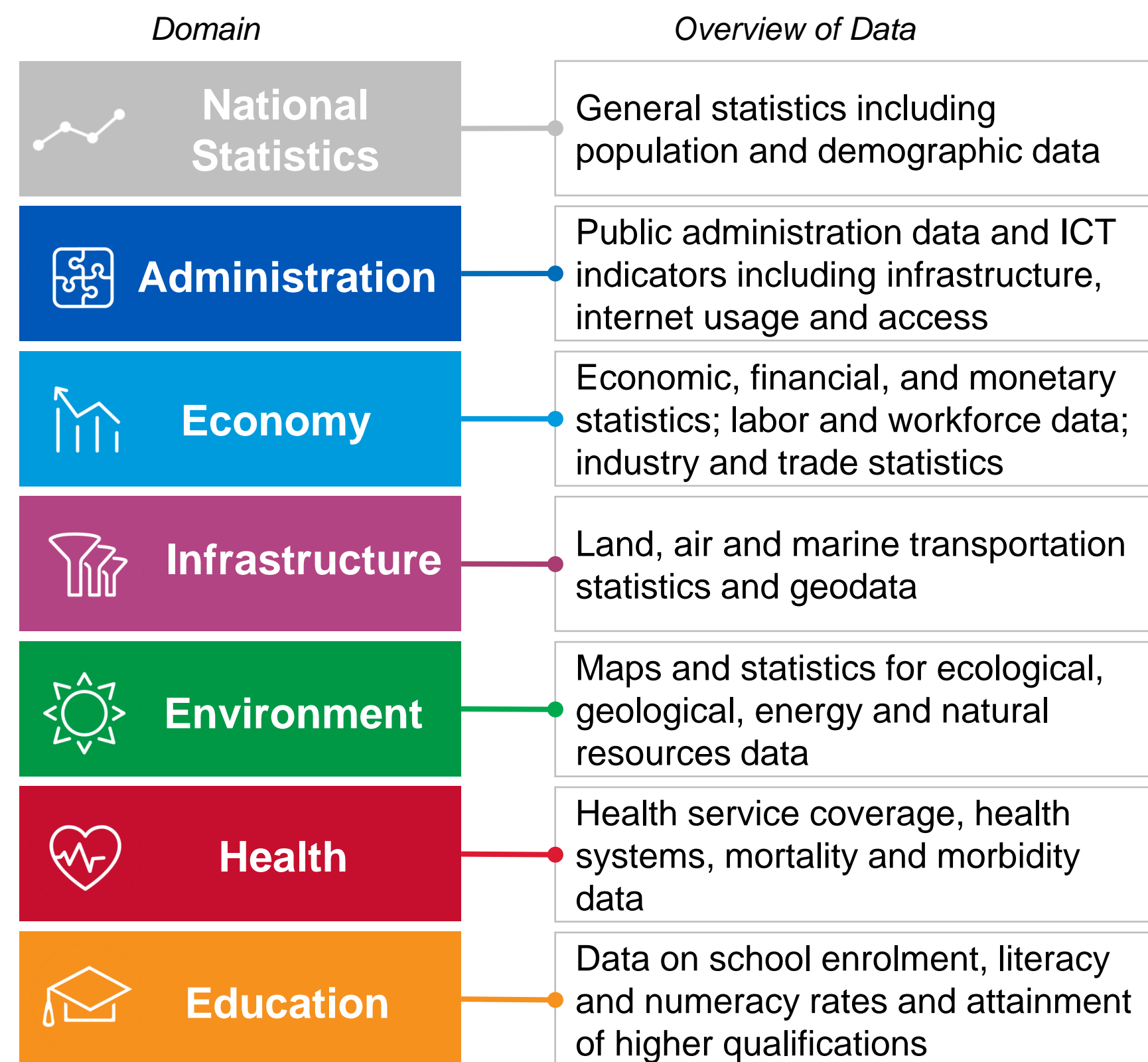
DATA-TO-IMPACT VALUE CHAIN

The Data to Impact Value Chain positions data as the lever for generating positive impact. By having the right supply of data, clear dissemination practices and supportive enabling tools, data stewards can increase the demand for data and give beneficiaries information they can utilize to improve decision-making, drive new service and product design, and catalyze value creation.

1. SUPPLY*

IDENTIFY – COLLECT – PROCESS

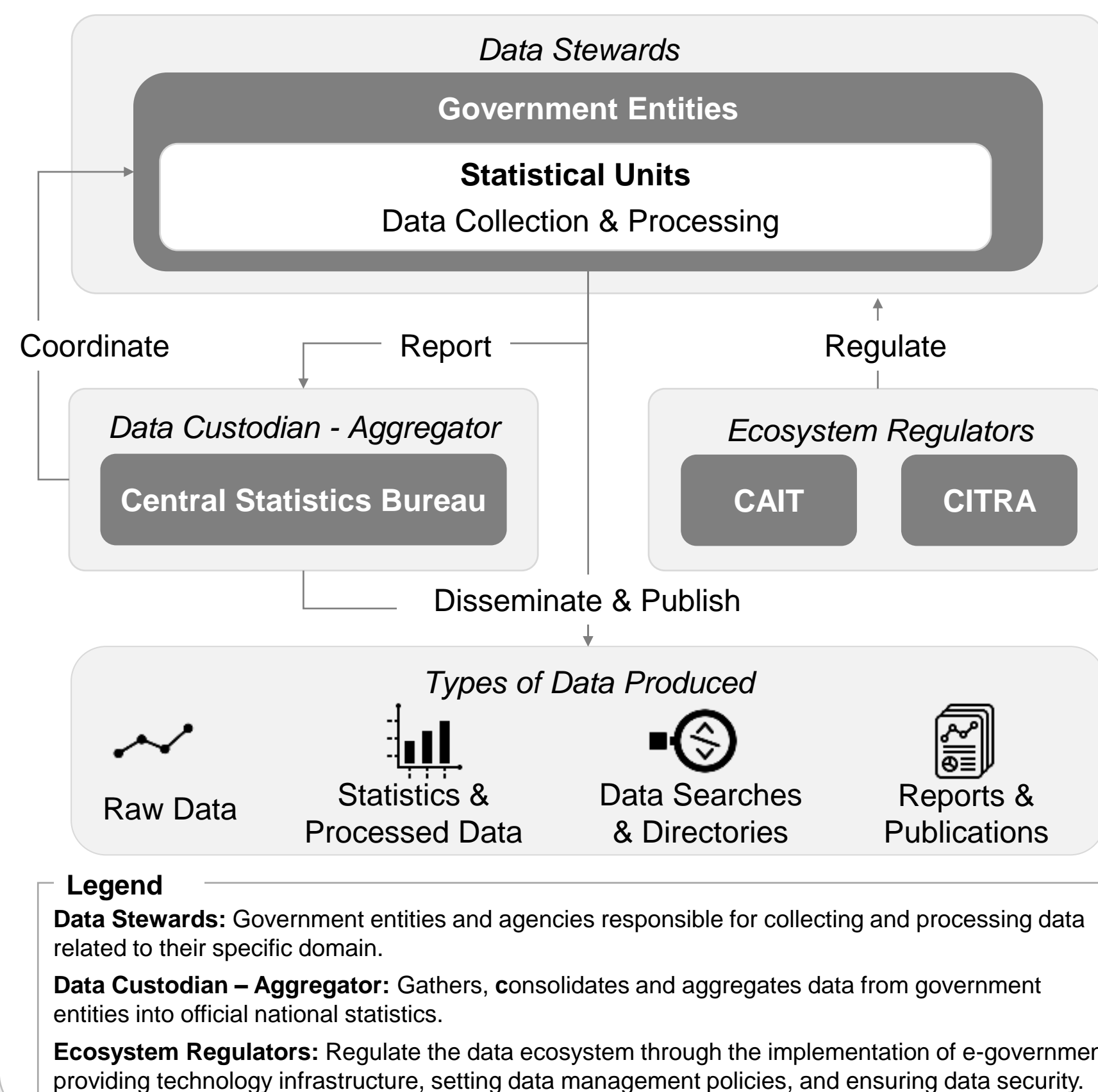
The first step is the supply of data that involves identifying data needs, establishing processes for collecting data and processing the data to ensure they are correctly recorded, classified, and stored in formats that allow further use.



2. DISSEMINATION

ANALYZE – RELEASE

Once data has been collected, the data is published in such a way that users can access them and disseminated through appropriate channels.



3. DEMAND

ACCESS – USE – VALUE

Demand relates to the uptake and use of data and the creation of feedback loops for beneficiaries to gain the data they need for decision-making and service delivery, and thereby creating value from data.



0. ENABLERS

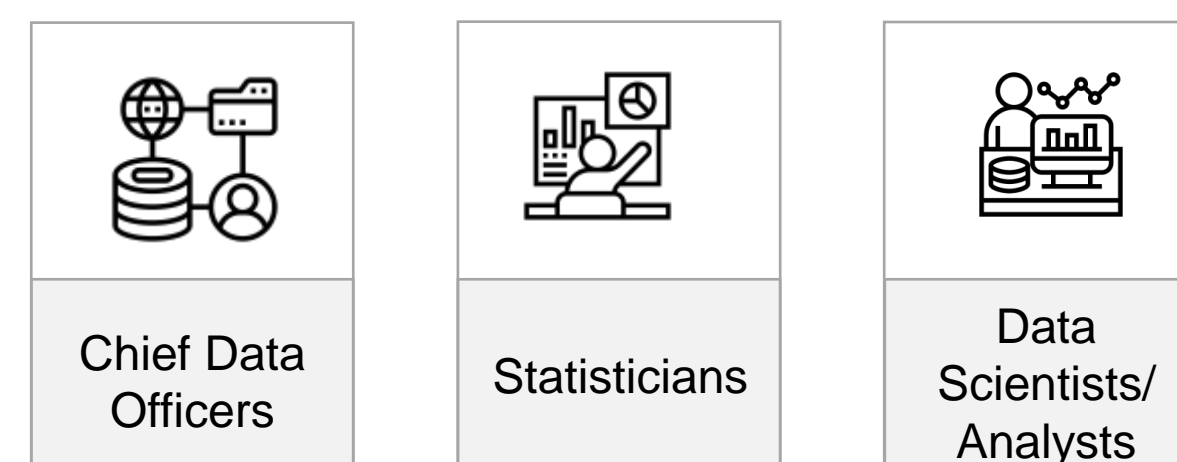
KEY LEGAL & REGULATORY FRAMEWORK – CAPABILITIES – SELECTED ICT INFRASTRUCTURE & TECHNOLOGY

Enablers provide the supporting environment for data supply, dissemination and demand to effectively take place, and cover the legal and regulatory framework, the availability of skills and capacities, and the underlying IT infrastructure and technology.

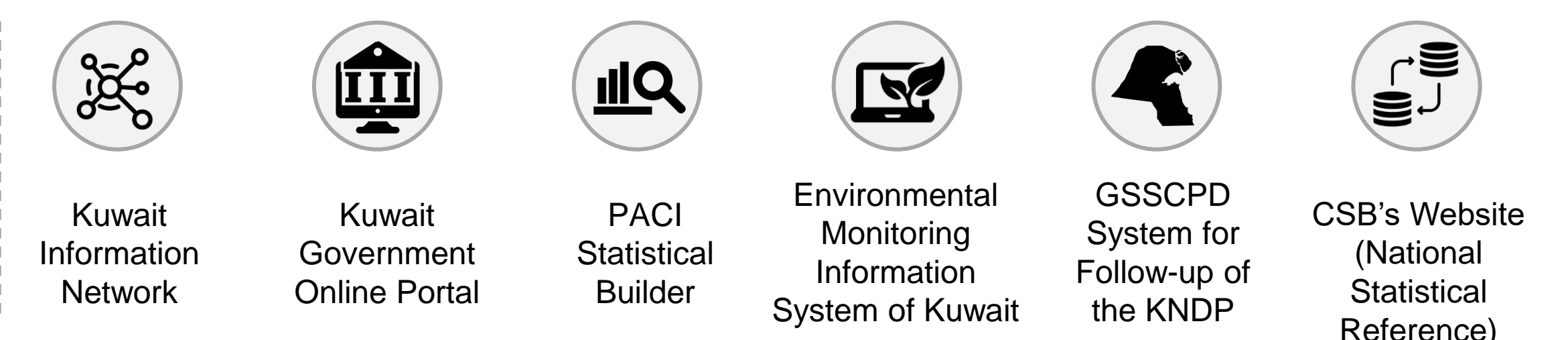
Key Legal & Regulatory Framework

Law No. 27 of 1963 on Statistics and Census	Law No. 158 of 2016 Concerning the Cooperation with CSB
Amiri Decree No. 52 of 1994 (Kuwait National Library)	Strategic Goals of the Central Statistics Bureau
Law No. 20 of 2014 Concerning Electronic Transactions	National Cyber Security Strategy
Law No. 63 of 2015 Concerning Combating Cybercrimes	United Nations Fundamental Principles of Official Statistics

Capabilities










Selected ICT Infrastructure & Technology



* This Kuwait Data Map provides a reference of data corresponding to the pillars of the New Kuwait Vision 2035

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SUPPLY: DEEP DIVE

DOMAIN	DATA STEWARD		DATA TOPICS	
 National Statistics	Central Statistics Bureau	<ul style="list-style-type: none">Population DemographicsBuildings & Units	<ul style="list-style-type: none">HouseholdsEmployment	<ul style="list-style-type: none">Migration
	GSSCPD	<ul style="list-style-type: none">Kuwait National Development Plan	<ul style="list-style-type: none">Sustainable Development Goals	
	Public Authority for Civil Information	<ul style="list-style-type: none">Population DemographicsHouseholds	<ul style="list-style-type: none">EstablishmentsEmployment	<ul style="list-style-type: none">Buildings & Units
	Ministry of Interior	<ul style="list-style-type: none">Immigration & ResidencyCrime	<ul style="list-style-type: none">TrafficNational Administrative Affairs	<ul style="list-style-type: none">State Security
	Public Institution for Social Security	<ul style="list-style-type: none">Social Security, Insurance & Pensions		
 Administration	Central Agency for Information Technology	<ul style="list-style-type: none">ICT Infrastructure & AccessICT Market	<ul style="list-style-type: none">Internet UsageICT in Households, Businesses & Government	<ul style="list-style-type: none">ICT in EducationICT Manpower
	Communication & Information Technology Regulatory Authority	<ul style="list-style-type: none">National ICT FiguresInternational ICT Indicators	<ul style="list-style-type: none">ICT in HouseholdsICT Licenses & Services	
	Central Statistics Bureau	<ul style="list-style-type: none">Telephone	<ul style="list-style-type: none">Internet	<ul style="list-style-type: none">ICT in Education
	State Audit Bureau	<ul style="list-style-type: none">State Budget		
 Economy	Ministry of Finance	<ul style="list-style-type: none">State Budget		
	Ministry of Commerce & Industry	<ul style="list-style-type: none">Foreign Trade	<ul style="list-style-type: none">Industry	<ul style="list-style-type: none">Market & Material Prices
	Central Statistics Bureau	<ul style="list-style-type: none">Gross Domestic ProductState BudgetForeign Trade	<ul style="list-style-type: none">Fish WealthAgricultureDirect Investment	<ul style="list-style-type: none">Retail PricesConsumer, Wholesale & Producer Price IndexLabor Market Information
	Capital Markets Authority	<ul style="list-style-type: none">Licensed Companies	<ul style="list-style-type: none">Investment Funds	<ul style="list-style-type: none">Auditors
	National Fund for SME's Development	<ul style="list-style-type: none">Business Confidence	<ul style="list-style-type: none">Finance to SMEs	
	Kuwait Direct Investment Promotion Authority	<ul style="list-style-type: none">Investment		
	Public Authority of Agriculture Affairs & Fish Resources	<ul style="list-style-type: none">Agriculture	<ul style="list-style-type: none">Fish Wealth	
	Kuwait Chamber of Commerce & Industry	<ul style="list-style-type: none">Foreign Trade	<ul style="list-style-type: none">Licensed Businesses	
	Kuwait General Administration of Customs	<ul style="list-style-type: none">Foreign Trade		
	Public Authority of Manpower	<ul style="list-style-type: none">Employment		
	Public Authority of Industry	<ul style="list-style-type: none">Industry	<ul style="list-style-type: none">Industrial Directory	
	Ministry of Oil / Kuwait Petroleum Company	<ul style="list-style-type: none">Oil		
 Infrastructure	Central Bank of Kuwait	<ul style="list-style-type: none">State BudgetPublic FinanceBanking & Financial SystemForeign Trade	<ul style="list-style-type: none">Balance of PaymentsKuwait Stock ExchangeInvestmentGross Domestic Product	<ul style="list-style-type: none">Financial StabilityConsumer & Wholesale Price IndexEconomic & Monetary Indicators
	Ministry of Public Works	<ul style="list-style-type: none">Kuwait Construction Projects		
	Central Statistics Bureau	<ul style="list-style-type: none">Transport		
	Public Authority for Roads & Transportation	<ul style="list-style-type: none">Infrastructure Projects	<ul style="list-style-type: none">Road Networks (GIS)	
	Kuwait Ports Authority	<ul style="list-style-type: none">KPA StatisticsVessel Tracking	<ul style="list-style-type: none">Container TrackingTariffs & Fees	<ul style="list-style-type: none">WeatherTides
 Environment	Directorate Authority for Civil Aviation	<ul style="list-style-type: none">Flights		
	Ministry of Electricity & Water	<ul style="list-style-type: none">Electricity	<ul style="list-style-type: none">Water	
	Central Statistics Bureau	<ul style="list-style-type: none">WeatherAir	<ul style="list-style-type: none">WaterWaste	<ul style="list-style-type: none">ElectricityBiodiversity
 Health	Kuwait Environment Public Authority	<ul style="list-style-type: none">AirWaterPopulation Demographics	<ul style="list-style-type: none">TerrestrialBiodiversityMarine	<ul style="list-style-type: none">WasteIndustryOil, Gas & Energy
	Ministry of Health	<ul style="list-style-type: none">Registered Companies & LicensesDrug & Supplement Prices	<ul style="list-style-type: none">Doctors & InstitutesNutrition	<ul style="list-style-type: none">COVID-19
	Public Authority for Food & Nutrition	<ul style="list-style-type: none">Nutrition		
 Education	Central Statistics Bureau	<ul style="list-style-type: none">Health Services	<ul style="list-style-type: none">Health Indicators	
	Ministry of Education	<ul style="list-style-type: none">Schools		
	General Secretariat of Private Universities Council	<ul style="list-style-type: none">Private Universities		
	Central Statistics Bureau	<ul style="list-style-type: none">Nurseries & SchoolsInstitutes & Applied Education	<ul style="list-style-type: none">CollegesEducation Indicators	

DISCLAIMER: The list of data references in the supply side is non-exhaustive; this Kuwait Data Map is a reference of free, publicly available government data and information found online and based on desk research and stakeholder interviews conducted during the KFAS Kuwait Data Map Project; if an entity is listed as a data steward under one domain, it doesn't mean it is limited to supplying information for that domain only.