





Open Data Innovation

KSA 2019-2021 Open Data Strategy

Executive Summary | Model Definition





Based on the KSA current state and focus areas of other countries, we have defined three models and it was collectively agreed that in the next 3 years KSA will focus on "Open Data Innovation"



1.Transparent Government















Model Selected



2. Open Data Innovation











Legend



Medium

Low



3. Open Data Nation*













*Model 3 is a combination of 1 & 2

Open Data Principles



1. Open by Default



2. Timely & Comprehensive



3. Accessible & Usable



4. Comparable & Interoperable



5. For Improved Governance & Citizen Engagement



6. For Inclusive Development & Innovation

Source: Deloitte Research and Analysis





Enable the Kingdom to release quality Open Data to stimulate economic growth and promote innovation

Executive Summary | Strategic Objectives





To fulfill the vision, two main strategic pillars have been identified which have been cascaded into clear objectives; These pillars will mainly focus on building the Open Data foundation as well as leveraging data to become more innovative

Pillars



Build



Supporting government entities to prioritize and publish Open Data

Ensuring all the Open Data is governed by **national standards**

Establishing an **empowered governance framework** to oversee & advise on the
release and use of Open Data

Enabling seamless and **efficient** Open Data publishing



Innovate



Raising awareness and building capabilities to reap the benefits of Open Data

Empowering private sector to leverage
Open Data to foster a culture of innovation
and entrepreneurship

Source: Deloitte Research and Analysis

Objectives

Executive Summary | High Priority Datasets





We will focus on making available the below prioritized datasets by working closely with data providers responsible for releasing these datasets

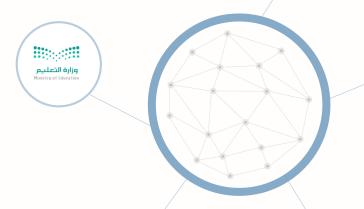
Mapping Data

Detailed digital map of the country provided by a national mapping agency and kept updated with key features



Education Data

The performance of education services in a country has a significant impact on the welfare of citizens



Detailed Census Data

Key national statistics that are meant to measure the performance of the economy and demographics

Health Performance Data

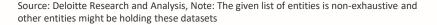
Statistics generated from administrative data that could be used to indicate performance of specific services, or the healthcare system as a whole



⊚ ជ័រ្វាសារថ្ងៃវិវិធា Capital Market Authority

Financial Market Data

Data on financial transactions occurring in the local stock market



Executive Summary | Prioritized Entities





In the next three years, we will be focusing our effort on working closely with Ministries, Regional Municipalities as well as Semi-Governmental Entities to release quality data and make it available to the public and businesses



Executive Summary | Strategic Initiatives





Four key initiatives have been identified to achieve the ambition and objectives of the Open Data strategy

Pillars



Build



Innovate



1. Establish effective **governance** to execute & monitor progress



3. Build **capabilities** to enhance Open Data skillsets

Initiatives



2. Improve the **quality and release** of Open Data



4. **Promote and encourage** the private sector to use Open Data

Executive Summary | Strategic Initiatives and Projects





To support the implementation of the strategic objectives, a set of eleven projects mapping to four key initiatives have been defined

Strategic Initiatives



1. Establish effective **governance** to execute & monitor progress



2. Improve the **quality** and release of Open Data



3. Build **capabilities** to enhance Open Data skillsets



4. **Promote** and encourage the private sector to use Open Data

Projects

Set up an Open Data program management office

Define Open Data standards and support adoption

Establish an Open Data Center of Excellence

Develop and execute a national communication and marketing plan

Support in the organization of theme-based Open Data Hackathons

Launch an Incubator program for Open Data startups

Establish and activate the Open Data governance framework

Develop and enforce Open Data

Design and implement Open Data Architecture

Create Open Government Data catalogue for KSA

Develop Open Data Rating Scheme for Government Entities

Source: Deloitte Research and Analysis, Open Data Workshop Outputs

law

Executive Summary | Proposed Governance Landscape





To execute the Open Data strategy, a three layer governance body has been defined to provide strategic direction and guidance, overview the strategy implementation and manage day to day operation

Overarching governance body* (with significant interface/ impact to Open Data Strategy **National Digitization** Committee Strategic Governance Bodies **Data Committee** Operational Governance Bodies **Open Data Working** Group **Program Management Office Delivery Governance Bodies** Project Management **Boards**

Data Committee (Headed by the Data Office)

➤ Advisory board, responsible for providing strategic directions and resolve any escalations to execute the strategy

Open Data Working Group

- ➤ Chaired by Open Data VP, Yesser, & comprising of CXO level representatives from government entities
- > Responsible for the strategy & its implementation

Program Management Office

- > Track project progress
- > Ensure stakeholder coordination

Project Management Boards

> Detail and execute initiatives as well as projects

Executive Summary | What Success Looks Like?





Ultimate success for this strategy will be achieved once the entrepreneurs will be able to develop business ideas based on Open Data for the benefits of the wider community i.e. SMEs, citizens etc.

Use Case: Optimized Food Truck Location

Open Data Suppliers

Dataset owner

Real time parking space availability

Dataset

type



ATM location



Open Data Start-ups

Data Miners

Final Consumers





Business

Citizens

Impact:

- Increased economic opportunities for F&B businesses
- More convenience choices for consumers

Thank You

