وادي تسمو الرقمي
TASMU DIGITAL VALLEY

BIG DATA ANALYTICS IN ENVIRONMENT

Big Data Analytics provides insights that help governments and businesses enhance their operational efficiency and decision making, and promote economic growth

OPPORTUNITY DEFINITION | BIG DATA ANALYTICS | CITY POLLUTION WATCH

The development of country wide sophisticated digital system to monitor air pollution in the country. With an advance sensor technologies, any environmental impact (e.g. air pollution) on the cities can be monitored and predictive analysis can be used to assess the data, in order to obtain real-time and future conditions.

TARGET MARKET

Target Market

Qatar total population **2.6 million** (2019)

Target Users

› Residents
› Government Officials
› Business Owners

ADJACENT OPPORTUNITIES

› Sustainable Readiness Index
› Sustainable City Platform
› Smart Buildings

STAKEHOLDERS

› Ministry of Municipality & Environment (MME)
› Ministry of Public Health (MOPH)
› Ministry of Commerce & Industry (MOCI)

KEY PROBLEM STATEMENT | NEED

With the city's rapid expansion and population growth, air pollution becomes a threat for residents and citizens.

Qatar ranks among the most polluted countries with a lack in standards, policies and official monitoring procedures for pollution. Dust can also be a major issue in Qatar leading to several respiratory health problems.

OWNER AND SECTOR

Owner Ministry of Municipality & Environment (MME)
Sector Environment

PROCUREMENT CYCLE

Request for Proposal (RFP)

The opportunity is in a RFP stage.

TIMESPAN

Total duration of 2-3 years including implementation and testing

BUDGET ACROSS BIG DATA ANALYTICS ECOSYSTEM

TThe Qatar market for big data analytics is projected to reach **USD$108 million** by 2022, at a compound annual growth rate (CAGR) of 20% from 2019 to 2022.