

INTERNET OF THINGS (IoT) FOR SMART WATER & ELECTRICITY EXPERIENCE & INSIGHTS

IoT is a system of connected devices that speak to and interact with each other and other networks to improve the way our lives and businesses operate

OPPORTUNITY DEFINITION | INTERNET OF THINGS (IoT) | SMART WATER & ELECTRICITY EXPERIENCE & INSIGHTS

This project aims to use a digital analytics solution to support Smart Meters in enabling dynamic pricing, easing billing & monitoring, empowering personalized offerings for consumers and collecting water consumption data on a national-level supporting supply planning & public policy.

TARGET MARKET

Target Market

The electricity consumption per capita of Industrial Bulk Customers was **4,658 KWh per industrial/ business** in 2017. (Kahramaa)

Target Users

- Government Officials
- Business Owners



KEY PROBLEM STATEMENT | NEED

The absence of analytics to support smart meters in Qatar reduces the real time visibility and specificity of water and electricity consumption for the Utility and its customers. Further, the lack of smart meter analytics reduces the efficiency of dynamic pricing & other digital consumption reduction measures.



PROCUREMENT CYCLE

Identification Stage

The opportunity will be tendered in 2021.



TIMESPAN



Total duration of 3 – 4 years including implementation, testing and operations.

ADJACENT OPPORTUNITIES



- Sustainable Water Network
- Utility Consumption Challenge
- Sustainability Readiness Index

STAKEHOLDERS

- Kahramaa
- Government
- Building Owners
- Residents



OWNER AND SECTOR

Owner Kahramaa

Sector Environment



BUDGET ACROSS INTERNET OF THINGS (IoT) ECOSYSTEM

The Qatar market for IoT is expected to grow at a compound annual growth rate (CAGR) of roughly 35% over the next four years, becoming a **USD 573 million** market in 2022.

