



BLOCKCHAIN FOR ENHANCED TRANSPARENCY AND SECURITY

Blockchain is an open distributed ledger that can record transactions between two parties. Transactions are verified immediately by a distributed network of computers, without needing a central authority. Approved transactions are then added to the existing blockchain permanently and cannot be altered

OPPORTUNITY DEFINITION | BLOCKCHAIN | BLOCKCHAIN IMPLEMENTATION

This initiative is part of the organization's ambition to investigate the potential use cases for blockchain adoption within the organization's operations and business processes to increase efficiency, transparency and security.

TARGET MARKET

Target Market

Ashghal Public Works Authority

Target Users

- Digital, IT & Network functions within the organization



KEY PROBLEM STATEMENT | NEED

Blockchain technology can enhance business operations and processes where there is an appropriate use case and defined business opportunity.

Evaluate current business process to identify potential use cases for blockchain adoption and implementation and define a minimum viable product for a Proof of Concept (POC).



PROCUREMENT CYCLE

Identification Stage

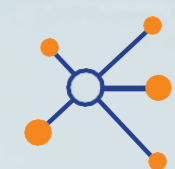
The opportunity will be tendered during 2022.



TIMESPAN



Total duration of 12 months including identification, testing (POC) and pilot program implementation.



ADJACENT OPPORTUNITIES

- Cybersecurity Strategy
- Digital Transformation

STAKEHOLDERS

- Ashghal Public Works Authority



OWNER AND SECTOR

Owner Ashghal Public Works Authority – Information Systems Department (ISD)

Sector Public Administration



BUDGET ACROSS BLOCKCHAIN ECOSYSTEM

The Qatar market for Blockchain is projected to reach **USD 253 million** by 2026, at a compound annual growth rate (CAGR) of 66% from 2022 to 2026.

