ADEQ Vision

To be the No. 1 state in the nation in:

- balanced, leading-edge environmental protection.
- technical and operational excellence.
- radical simplicity for customers and staff

ADEQ Mission

Protect and enhance public health and the environment in Arizona

myDEQ FY21 - Informational update

State of Arizona – Arizona Department of Environmental Quality

DATE of ITAC: 07/21/2021

Project Introduction

Problem Statement:

- Every year businesses transact with ADEQ in obtaining required licenses and submit reports to demonstrate compliance with environmental regulations. These transactions using paper forms are error prone and time consuming resulting in increased processing times and regulatory burden for businesses.

Benefit of a New System:

- Increased Arizona economic activity as a direct result of faster processing times
- Reduced adverse environmental impact as a result of identifying violations within 48 hours
- Staff repurposed to solving environmental problems
- Government at the speed of business

Proposed Solution

Solution

Arizona businesses helped ADEQ prioritize a catalog of 147 services (Permits, Registrations, Compliance Reporting,etc.) that could benefit them in meeting their environmental obligations if available online. ADEQ has developed a scalable platform where services are added incrementally to myDEQ. Since 2015, 82 services have been implemented and are utilized by businesses every day. Each fiscal year, ADEQ works with businesses to rank services from the catalog and requests funding from the legislature for continued application development This approach limits the financial and technical risk to a smaller scope, allowing businesses and the legislature to incrementally select and fund the project accordingly. **ADEQ proposes to implement 6 additional services in myDEQ in FY21.**

Technology Stack

- Host - AWS (State of Arizona)
- User Interface - Html, CSS & Java Script
- Business Layer - Java & Java scripts
- Database - Oracle & Mongo DB
- Version control - Github
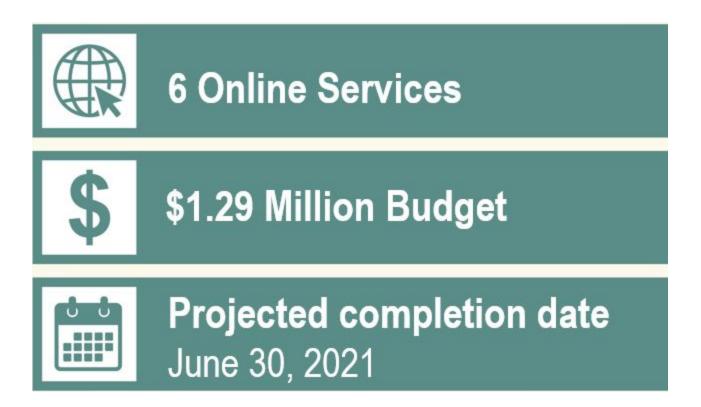- Project Management: Atlassian Jira, Confluence, Trello

What Success Looks Like

- 2,180 additional regulated facilities to be onboarded into myDEQ platform

- Regulated community to experience a 90% improvement in the agency's turn around time.

- Regulated community to return 60% faster to environmental compliance

- $7.2M estimated annual economic benefit to the State of Arizona (per EPA calculator)

- ADEQ staff to realize a 80% reduction in data entry efforts which will be productively deployed towards

  environmental compliance monitoring and assistance.

PROPOSED DELIVERABLES, BUDGET & SCHEDULE

6 Online Services

$1.29 Million Budget

Projected completion date
June 30, 2021

ACTUAL DELIVERABLES, BUDGET & SCHEDULE

6 Online Services

$1.29 Million spent

Actual completion date
July 15, 2021