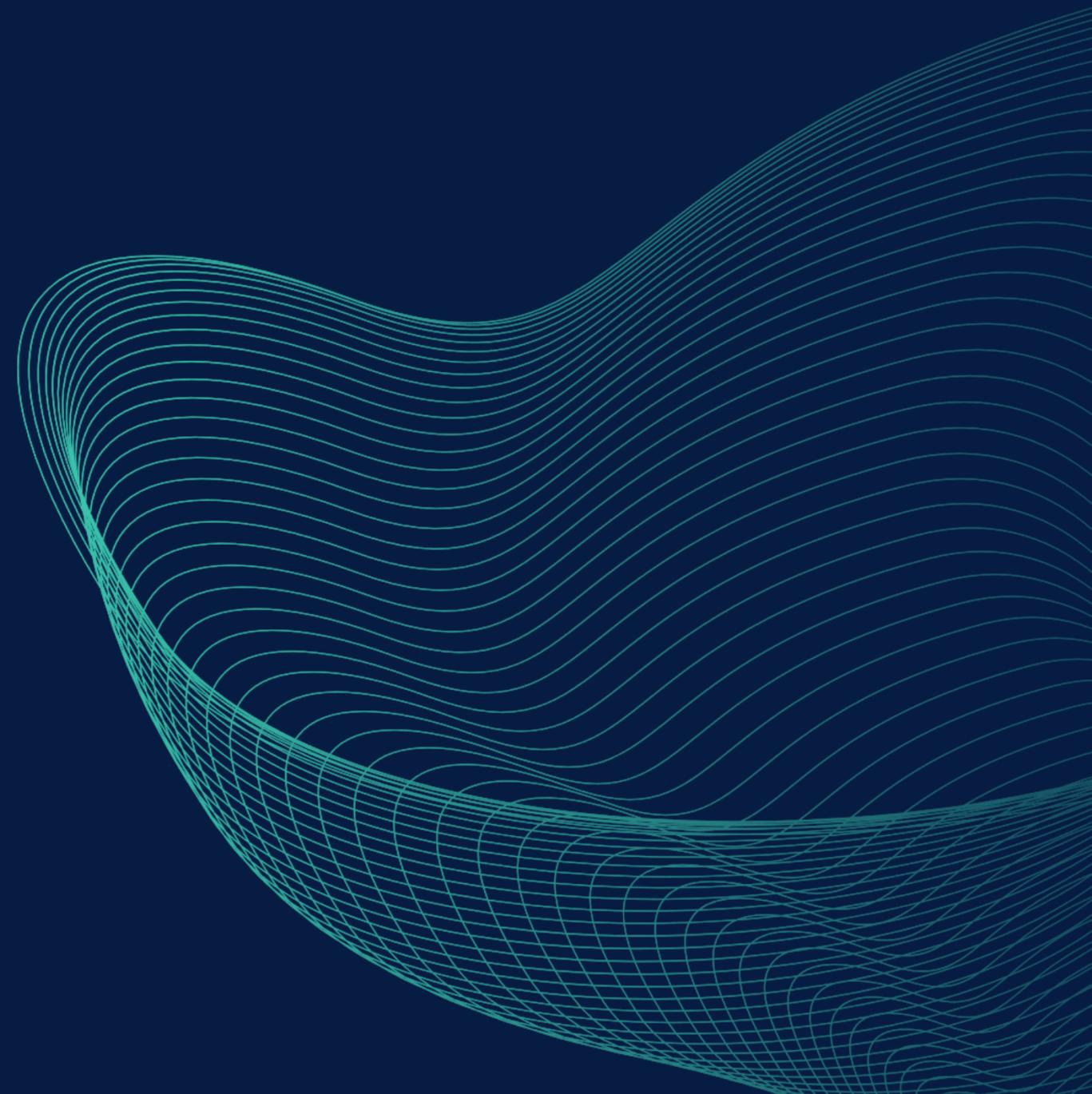


EDMI

Enterprise Data Modernization Initiative

Putting people, processes, and policies in place to deliver real-time, high-quality information to support science-based decisions.



The Initiative

DEQ has a wealth of environmental data. Investment in making our processes lean, and in modernized systems will ensure DEQ meets today's challenges while laying the foundation to safeguard the state's environment and prosperity into the future.



Problem Statement

Data Silos

Historically, our organization spends time and money on multiple products that only partially resolve the issues

The Gap

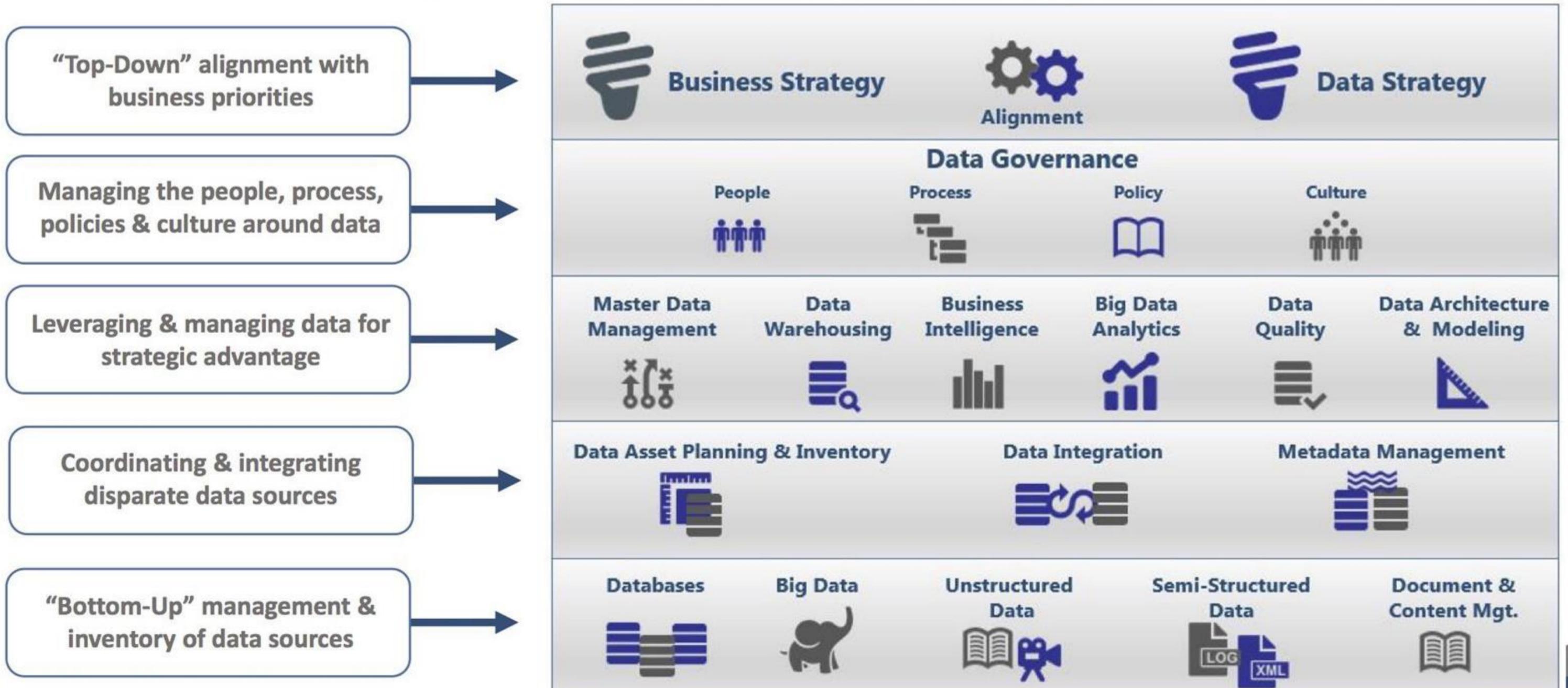
Just a few solutions on our portfolio help us to break these silos. Capitalizing on integration will provide bridges for data access

Not Leveraging What We Have

By not prioritizing the use of what we have, we inhibit capacity growth, complicate the maintenance of existing solutions, and spend extra time and funds to integrate new ones.

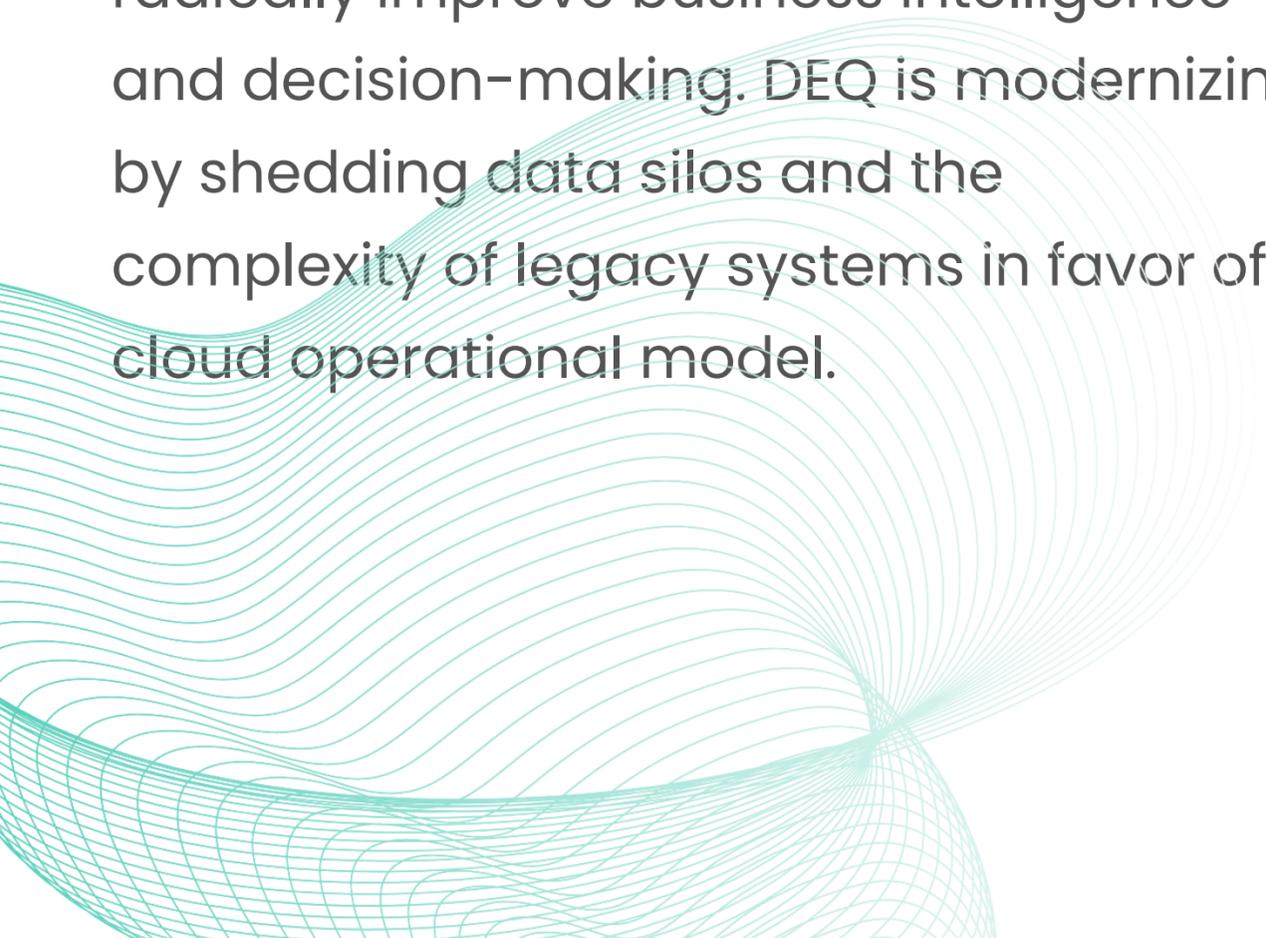
Building an Enterprise Data Strategy

A Successful Data Strategy links Business Goals with Technology Solutions



Ongoing efforts

Data modernization is a multi-step process of transforming access to data to radically improve business intelligence and decision-making. DEQ is modernizing by shedding data silos and the complexity of legacy systems in favor of a cloud operational model.



**Permitting
Transformation
Program**

Permit Portal

**ESI online
application &
reporting tool**

**Centralized Data
Analysis**

Permitting Transformation Program

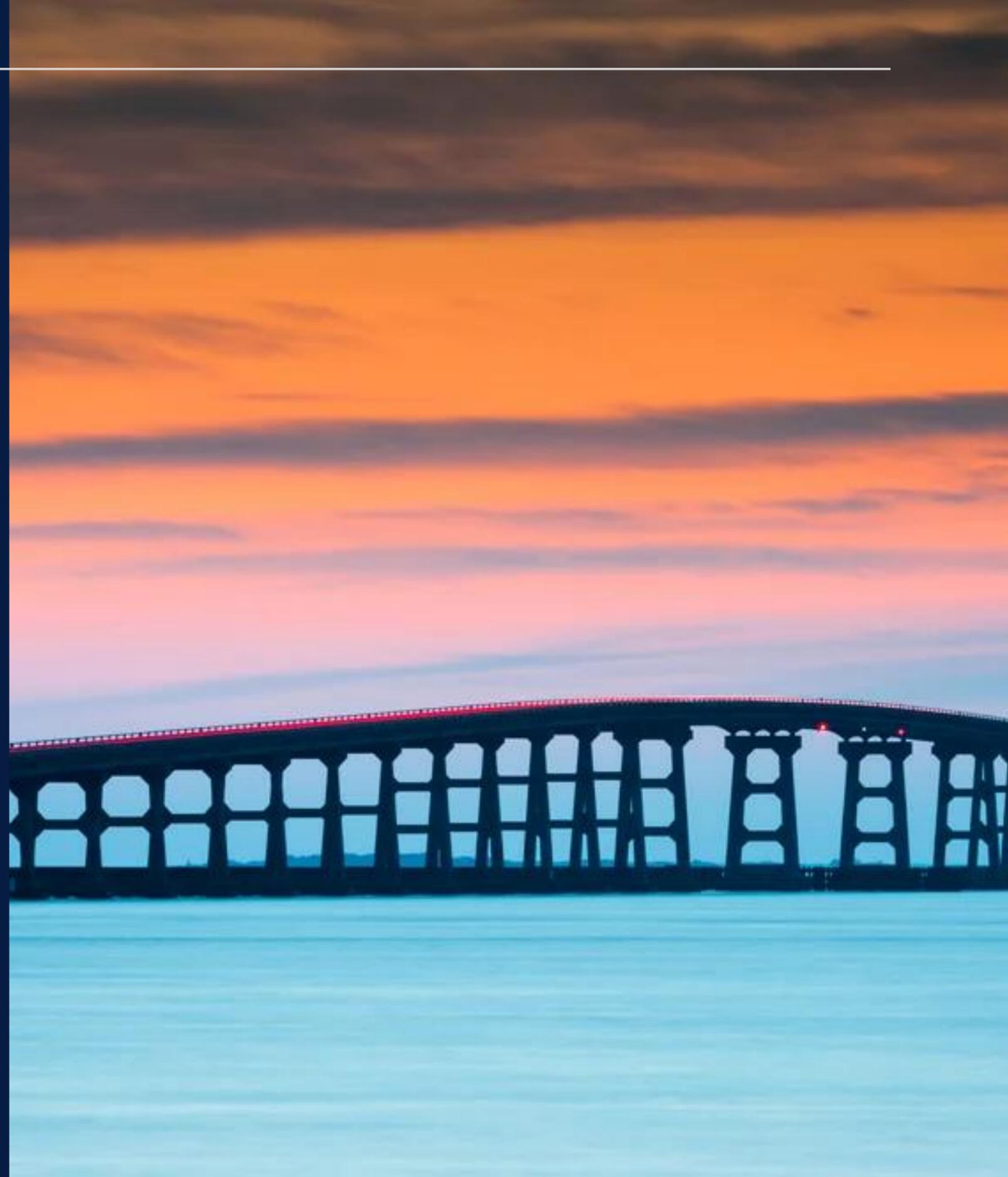
A department-wide initiative designed to streamline and automate the permitting processes while improving access to permit information.



Permit Portal

Developing a robust online system for applying, tracking and paying for permits, licenses and certificates.

- streamline processes,
- improve transparency,
- improve tracking and access to permitting actions.



ESI online application & reporting tool

- In 2023, DEQ launched an online application for ESI members, streamlining the process. Based on members' feedback, version 2 will launch in 2024.
- Also in 2023, DEQ launched an online tool for the ESI Annual Report, helping DEQ staff more efficiently assess the program's impact.

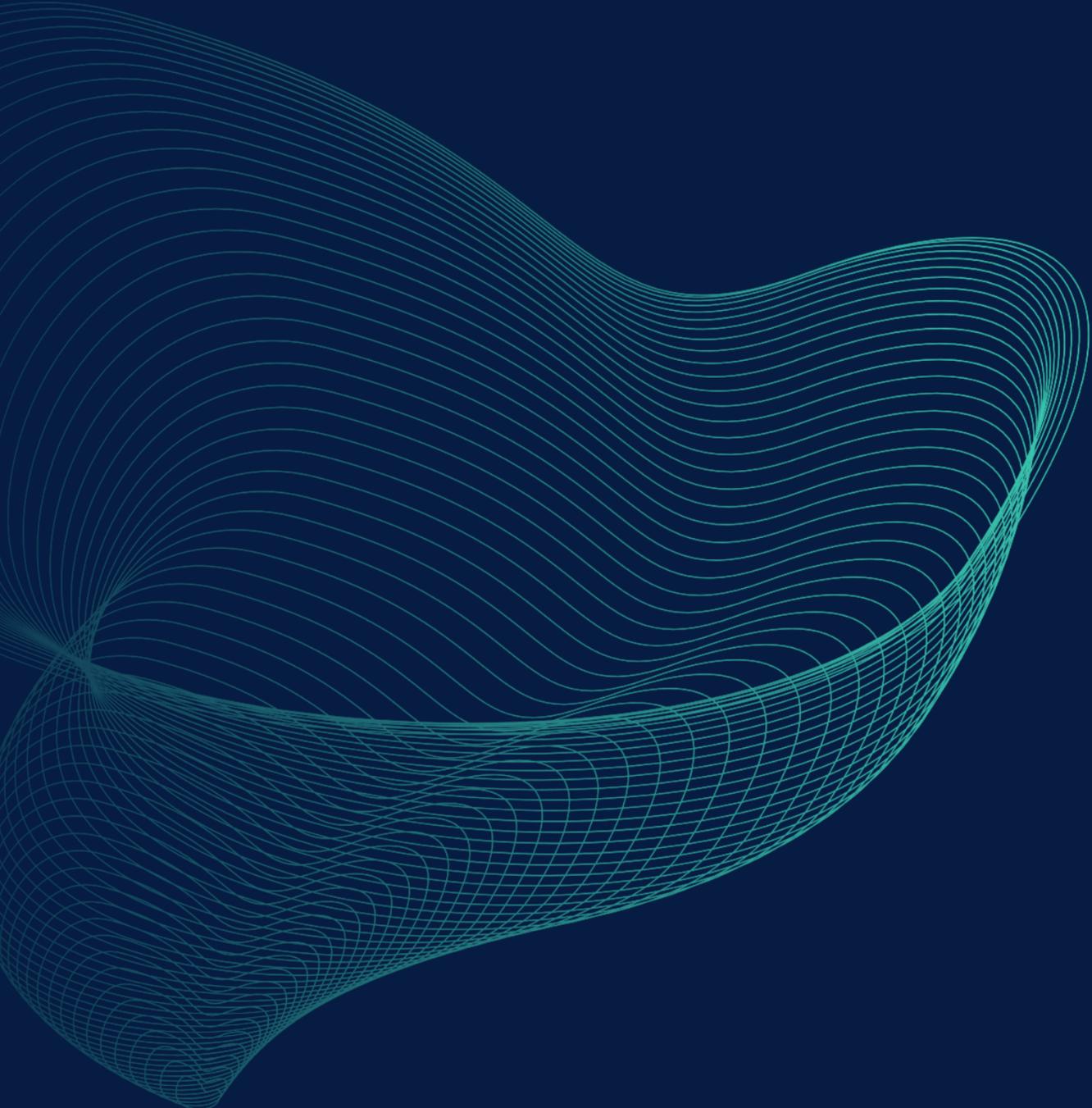


Centralized Data Analysis

Centralized data in business analytics involves consolidating information from across the entire organization into a single system for easier analysis.

- Increase visibility and transparency;
- Early detection of issues;
- Efficiency and eliminating redundancies



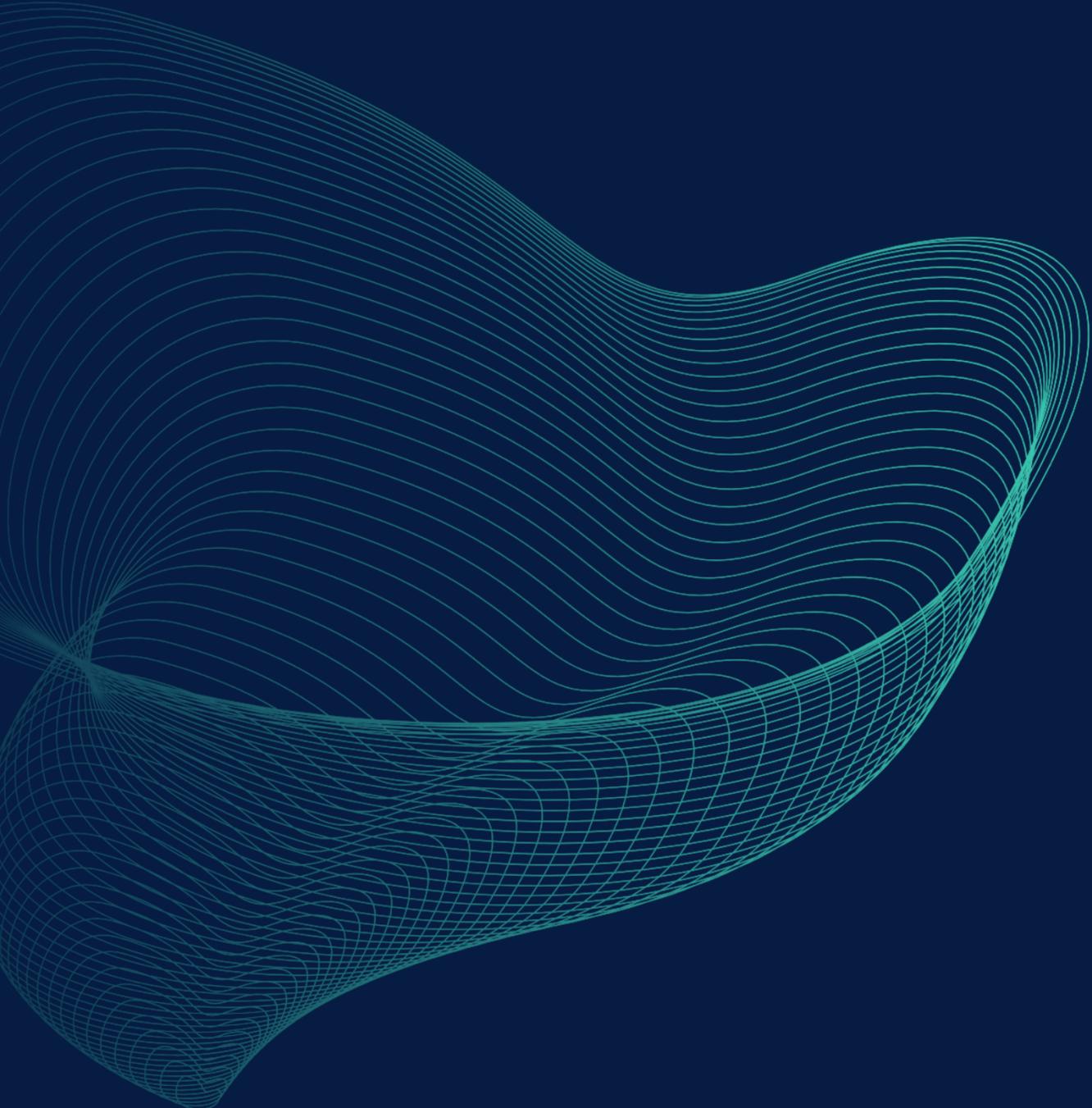
An abstract graphic on the left side of the slide, composed of numerous thin, teal-colored lines that form a complex, wavy, and somewhat circular pattern, resembling a stylized wave or a data visualization. The lines are more densely packed in some areas and more sparse in others, creating a sense of depth and movement.

Summary

The Enterprise Data Modernization Initiative (EDMI) is not just about technology, but about putting the people, processes, and policies in place to deliver real-time information that supports business decisions impacting the environment.

Our ultimate goal is to move from siloed and brittle data systems to connected, resilient, adaptable, and sustainable 'response-ready' systems that can help us address problems before they happen and reduce the harm caused by the problems that do happen.

A solid teal horizontal bar at the bottom of the slide, matching the color of the abstract graphic on the left.

An abstract graphic on the left side of the slide, composed of numerous thin, teal-colored lines that form a complex, wavy, and somewhat grid-like structure. The lines are arranged in a way that creates a sense of depth and movement, resembling a stylized wave or a digital mesh. The overall shape is roughly rectangular but with fluid, organic edges.

Thank you

A solid teal horizontal bar located at the bottom right corner of the slide.