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Chief Data Officer Update

Kathryn Darnall Helms
State Chief Data Officer

Joint Committee on Information Management and Technology

March 28, 2025

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Agenda

- Mature Oregon's Data Governance
- EIS Data Governance and Transparency Overview
  - Oregon's Open Data Program Status Report
  - Enterprise Data Sharing Status
  - Oregon's Data Strategy Status Report
- Oregon Geographic Information Council
  - Council Overview
  - House Bill 2906 Update
  - Geographic Information Officer

EIS Data Governance and Transparency Program

Kathryn Darnall Helms
Chief Data Officer

Data Governance and Transparency is tasked with the establishment of Open Data standards, providing technical guidance on the proactive release of publishable data, development of an enterprise data and information strategy, maintaining the data.Oregon.gov web portal for the release of publishable data, and managing the Oregon Transparency and geospatial efforts.

- Transparency and Open Data
- Data Delivery
- Program and Performance Management
- Enterprise Data Policy and Research

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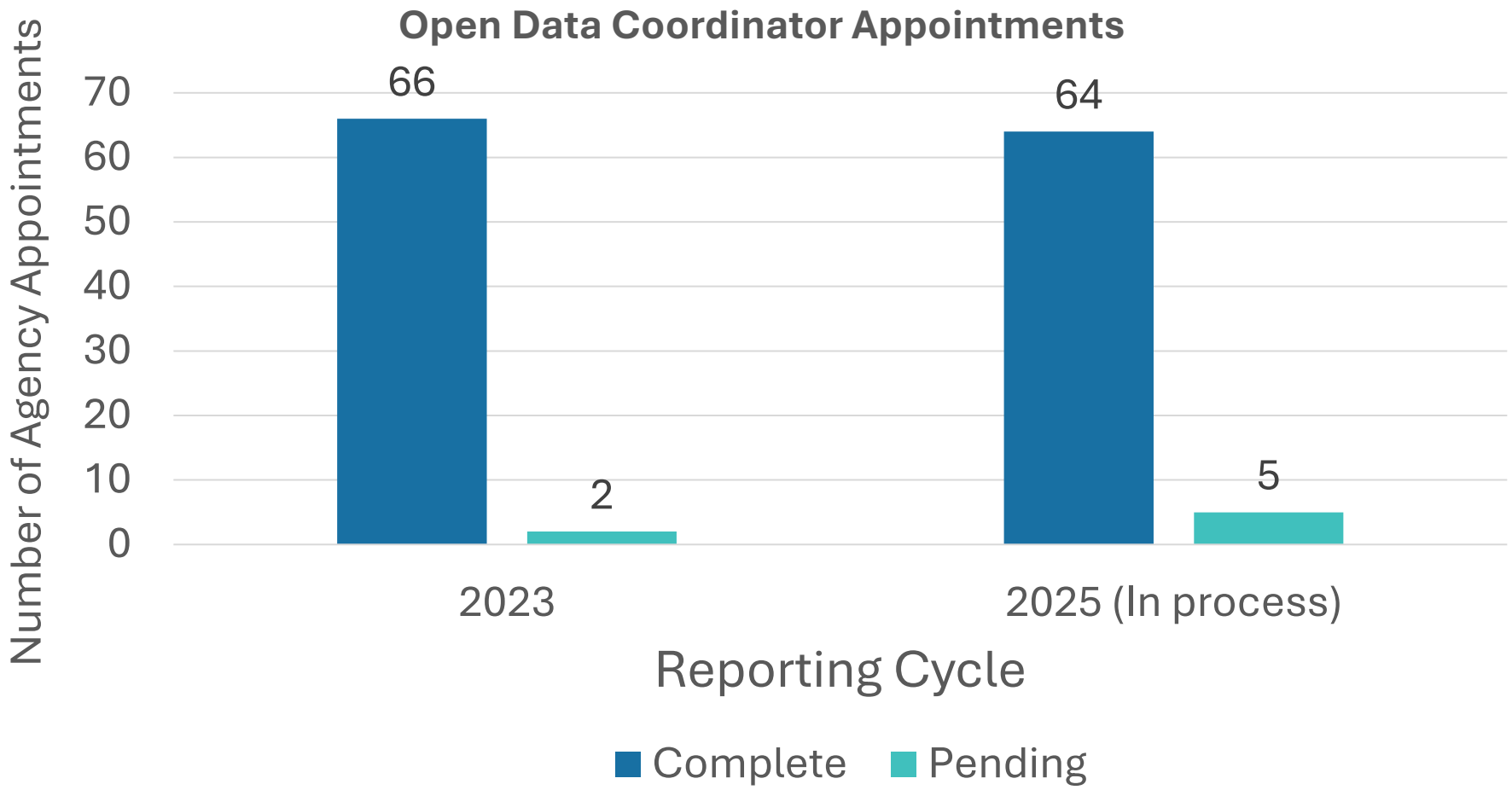
Open Data Program and Mandate

- Addressed in components of ORS 276A.353, ORS 276A.356, and ORS 276A.369
- Sets requirements for open data, data inventory, and publication
  - Agencies must inventory data and submit to enterprise data inventory
  - Requirements around data timeliness and freshness
  - Electronic searchability
  - Technical policies and standards that promote maximizing the availability of data in multiple formats, with multiple pathways to access information
- Resources available to support agency data inventories, data prioritization, and open data publication
- All Open Data Program tools, templates, guides, etc. available publicly on the Open Data Program Website*

*https://data.oregon.gov/stories/s/xr2x-d2d7

Data from Oregon's Open Data Progress Report*



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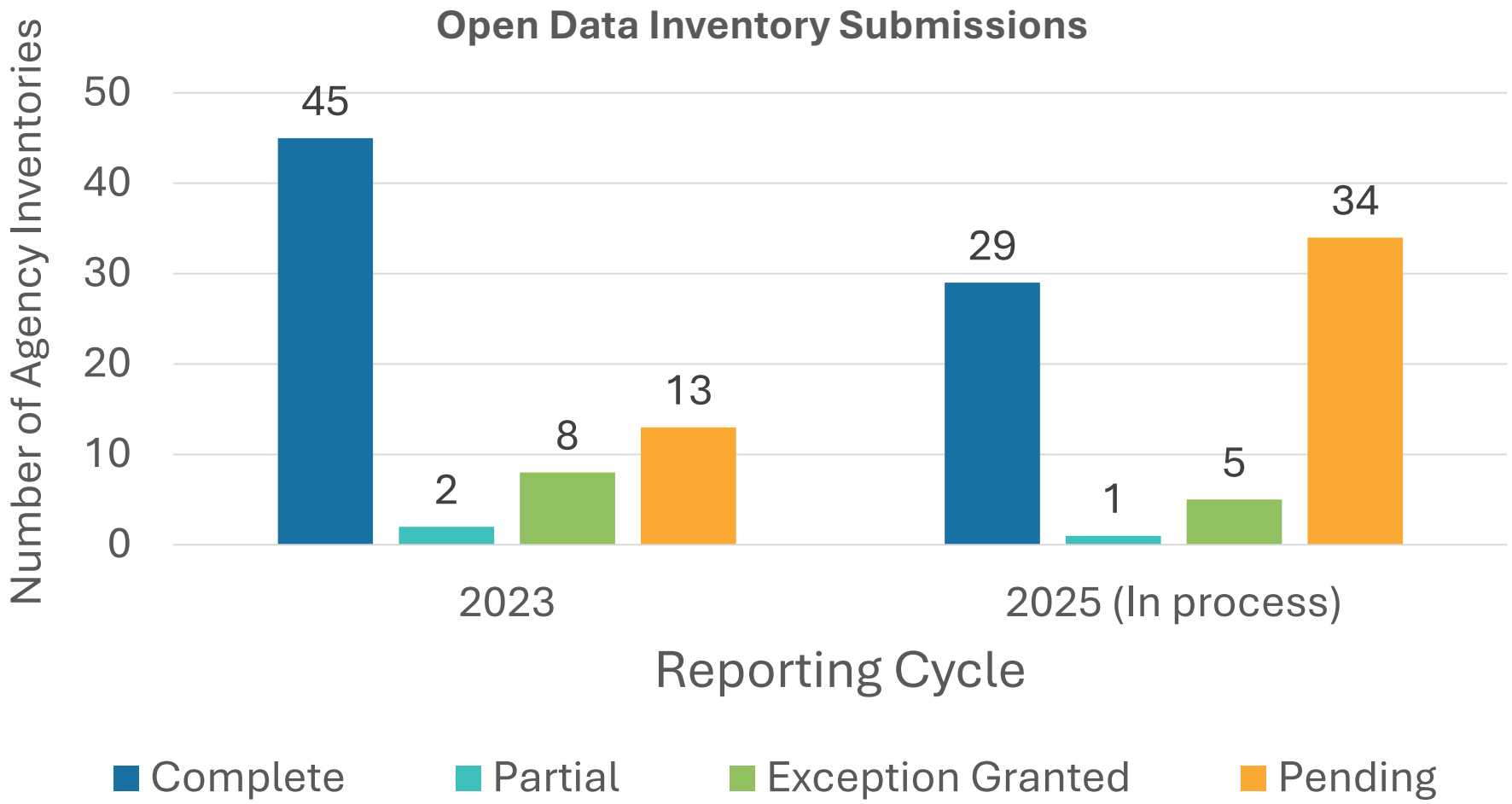

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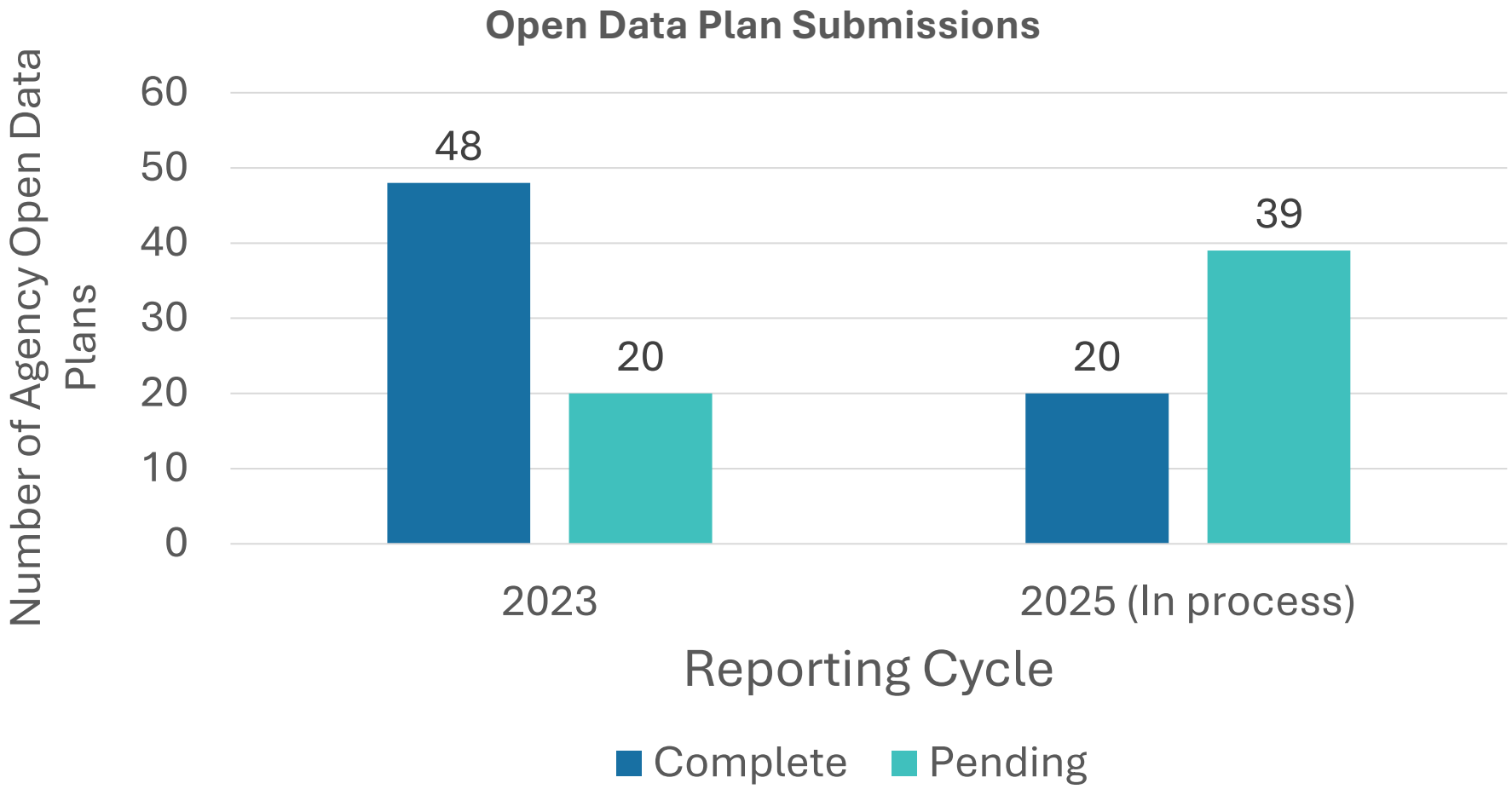

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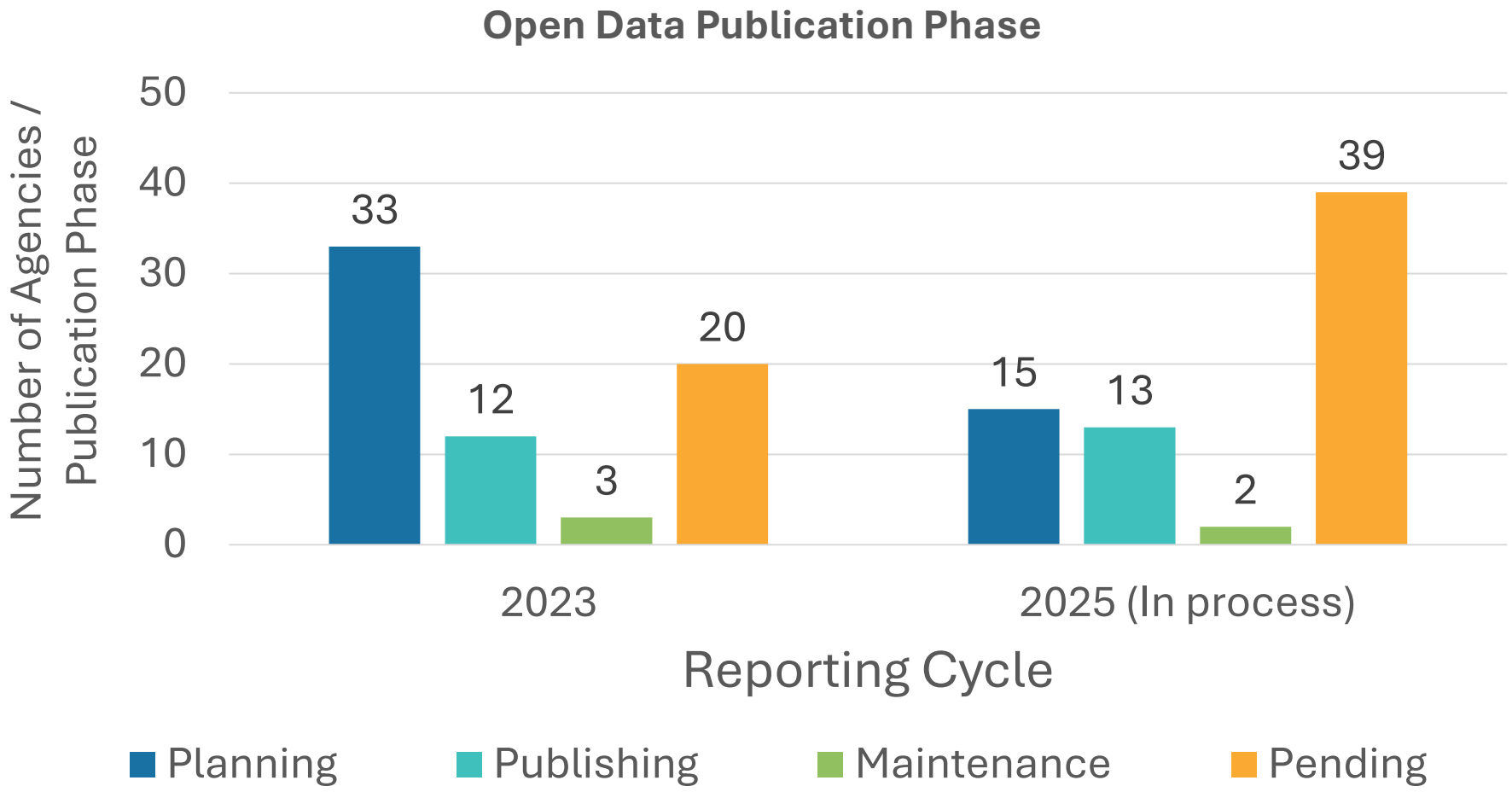

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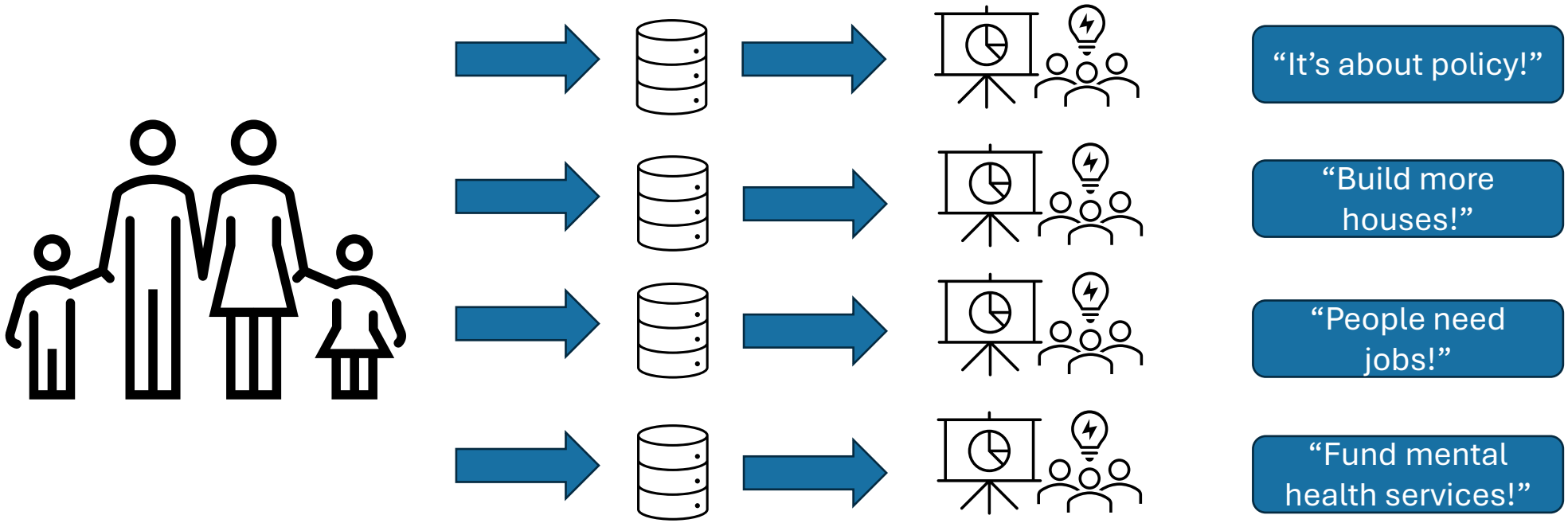
"There is no such thing as a single-issue struggle because we do not live single-issue lives."

Audre Lorde



Our constituents' lives are not built in siloes, but government data is

When government cannot see the whole picture, we cannot address the whole problem

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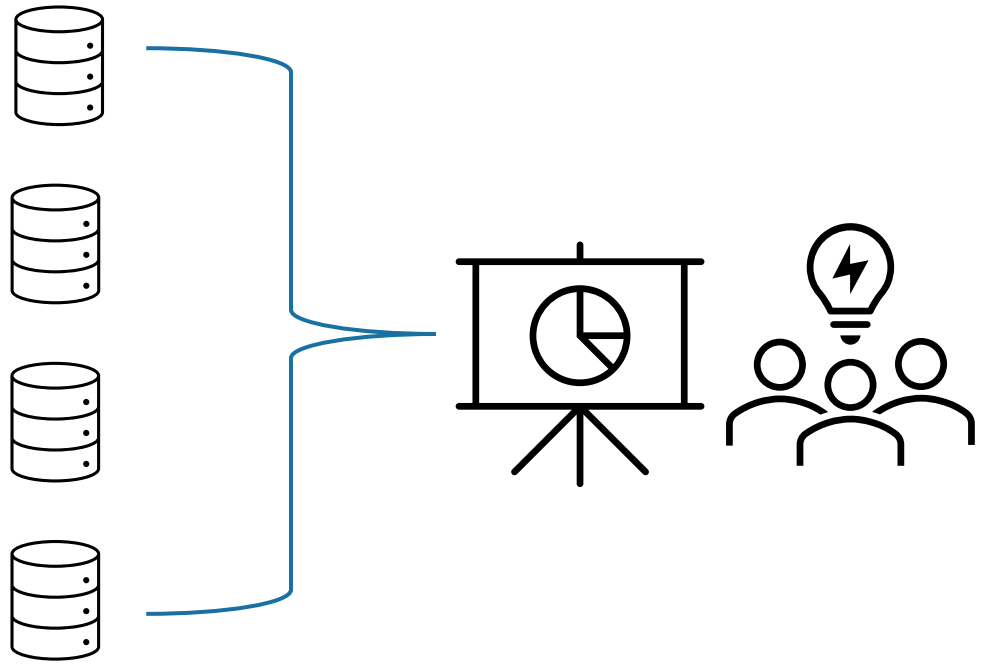
A Person-Centered Vision for Data

Establish a collaborative and coordinated data-sharing framework that reduces burdens and redundancies, enabling Executive Branch agencies to efficiently analyze and use data to enhance services for all Oregonians



Oregon's Data Sharing Framework

1. IS IT LEGAL?	2. IS IT ETHICAL?	3. IS IT A GOOD IDEA?
What legal authority is in place to use these data? Are there federal or state statutes that prevent or constrain this data access or use? What are the particular state and federal law requirements enabling data sharing?	Do the benefits outweigh the risks, particularly for groups historically marginalized by discriminatory systems?	What action can be taken as a result of this data use? What can reasonably be changed or improved based upon this analysis? Is this a priority among marginalized populations and/or individuals included in the data system?
4. HOW DO WE KNOW? WHO DECIDES?		
This is typically determined by agency-involved legal counsel.	This is typically determined by a data governance group, during the review process for data requests, that should include a variety of stakeholders, those "in" the data and users of the data.	This is typically determined by a data governance group, including data stewards who have deep expertise of the data, and data owners who will respond to insights that emerge from the analysis.

From Actionable Intelligence for Social Policy(AISP), "Four Questions to Guide Decision-Making for Data Sharing and Integration"

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Initiative Overview

- Initiative Goal: Establish a collaborative and coordinated data-sharing framework that reduces burdens and redundancies, enabling Executive Branch agencies to efficiently analyze and use data to enhance services for all Oregonians.
- Approach: Conduct a year-long Data Sharing Pilot with OHA, ODHS, and OHCS
- Enterprise Data Sharing Pilot
  - Test, refine, and finalize the enterprise data sharing memorandum of understanding (MOU), Data Sharing Process, and Data Sharing Playbook with pilot agencies
  - Establish the Oregon Data Sharing Pilot Committee
  - Enterprise data sharing MOU, ready for all Executive Branch Agencies to adopt by 2026
  - Data Sharing Process, Playbook, and guidance to support agency implementation of enterprise data sharing MOU through training and onboarding materials
  - Reporting and metrics to track interagency data sharing using the MOU process

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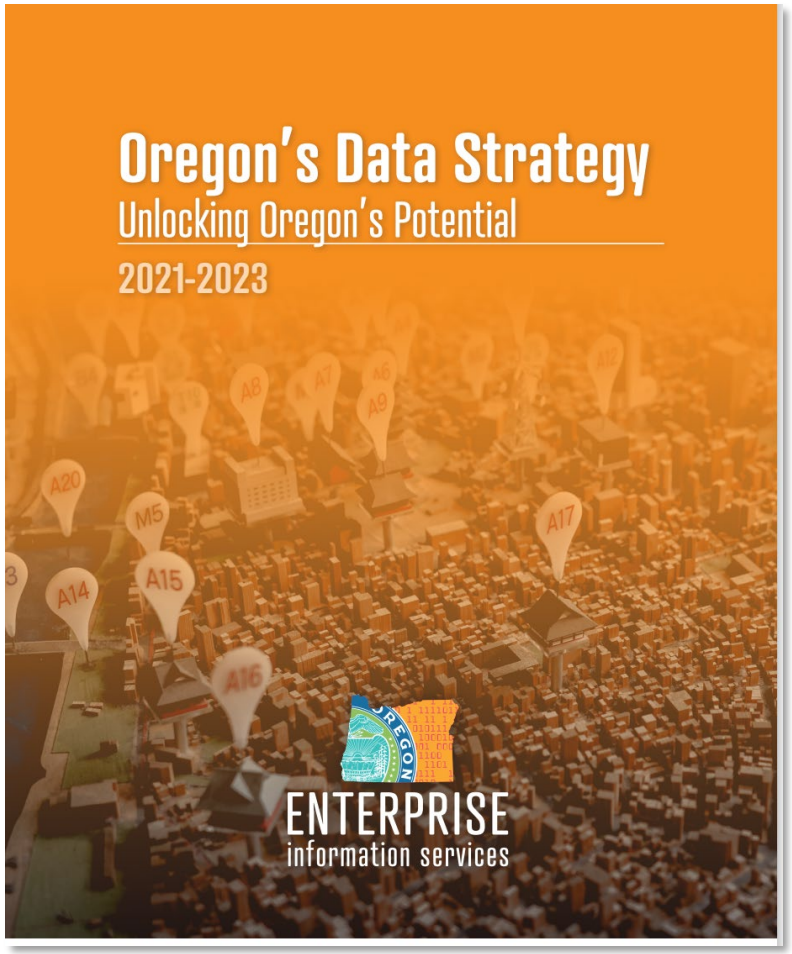
Oregon's Data Strategy 2021-2023



- Establish guiding themes and principles
- Increase maturity through foundational data actions
- Create value by focusing on use cases and strategic priorities

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VISION

A better Oregon through better data.

MISSION

Empowering the state of Oregon to leverage data as a strategic asset and steward data effectively and ethically throughout its lifecycle to improve the lives of Oregonians.

OREGON'S DATA PRINCIPLES

GOVERN: Manage data as a strategic asset for the public good

LEVERAGE: Use the state's data to improve the lives of Oregonians through effective and efficient government

PROTECT: Preserve the privacy, quality, and integrity of the data we hold in trust

AUTONOMIZE: Educate data leaders within our organization and empower all individuals to use data appropriately, ethically, and effectively

PLAN: Be intentional in our collection and use of data and design with equity and the future in mind

ENGAGE: Embrace data justice in how we collect, use, and share data for the communities we serve

SHOW: Model transparency in our work to educate others about our data assets and how they are used and seek to build feedback loops between the state and our constituents

LEARN: Promote a statewide culture of learning and collaboration in the use and analysis of data

SHARE: Promote responsible data sharing across agencies and with external partners, including the public

LEAD: Establish structures for accountability and responsibility for the management of our data for all people we serve

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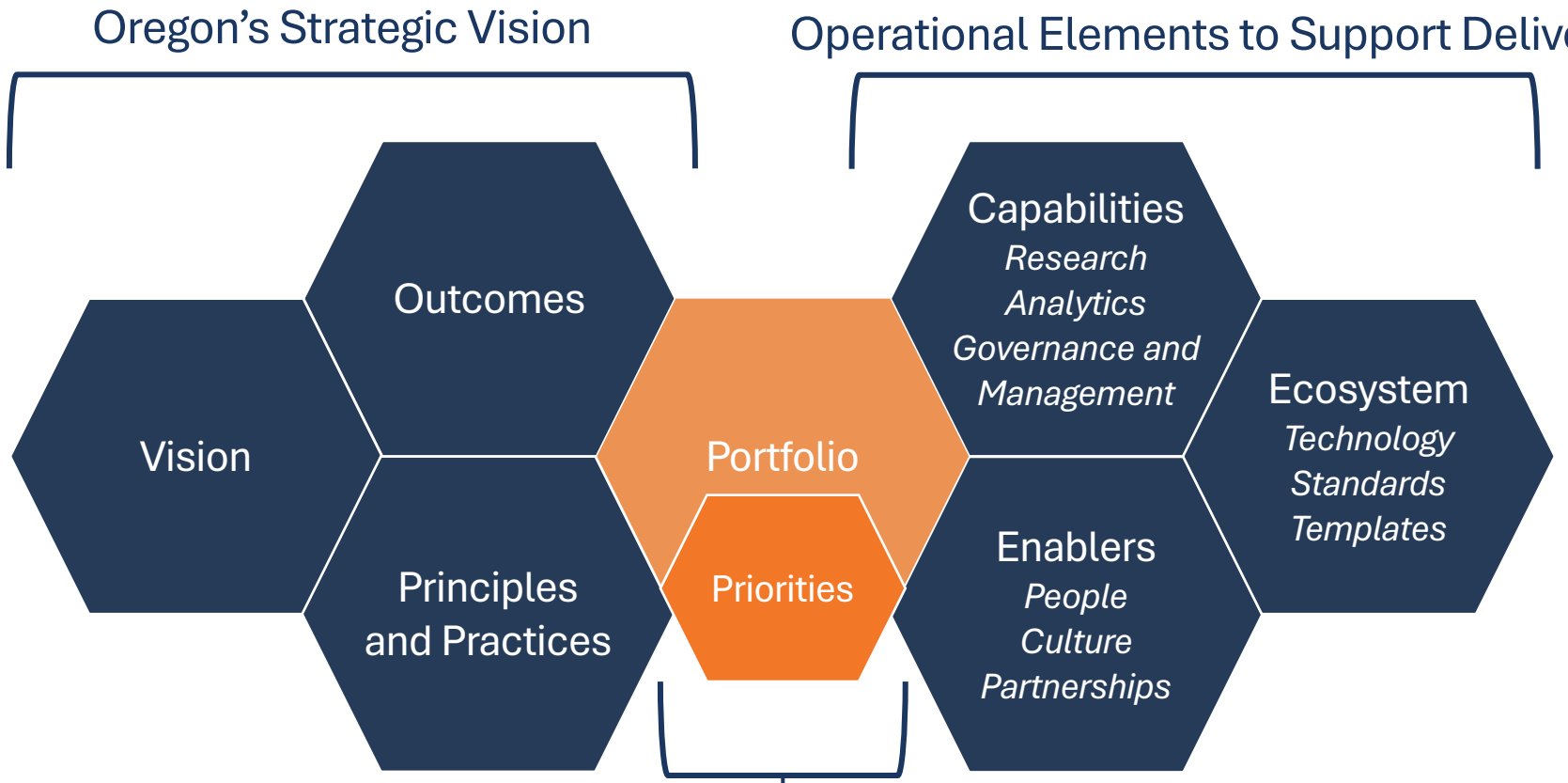
Oregon's Data Strategy 2023-2025



A portfolio that supports priorities, matures our operational capacity, and delivers on our strategic vision

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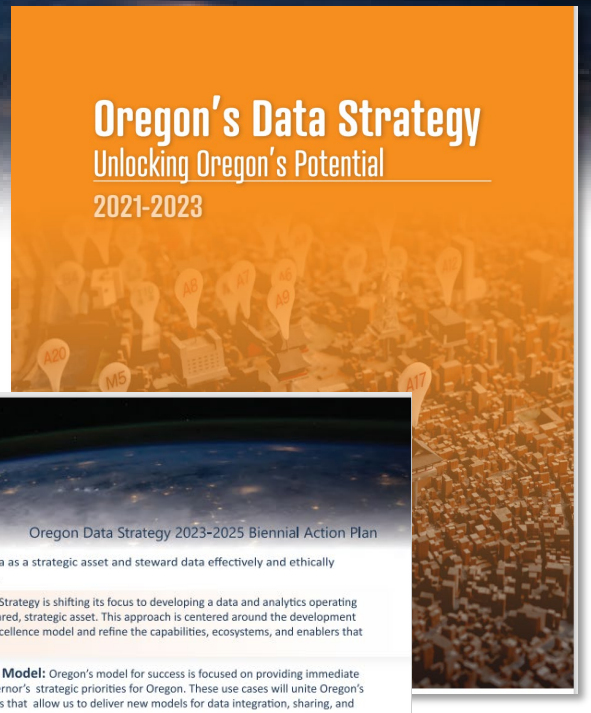
2023 – 2025 Biennial Action Plan*

- Action Plan primary objectives:
- Support executive priorities
- Build Data and Analytics Center of Excellence
- Facilitate data sharing and access
- Foster capabilities and enablers
- Promote a data informed culture



*https://www.oregon.gov/eis/data-governance-and-transparency/Documents/Oregon-Data-Strategy-2022-23-Biennial-Action-Plan-3-Pager-F-LR.pdf

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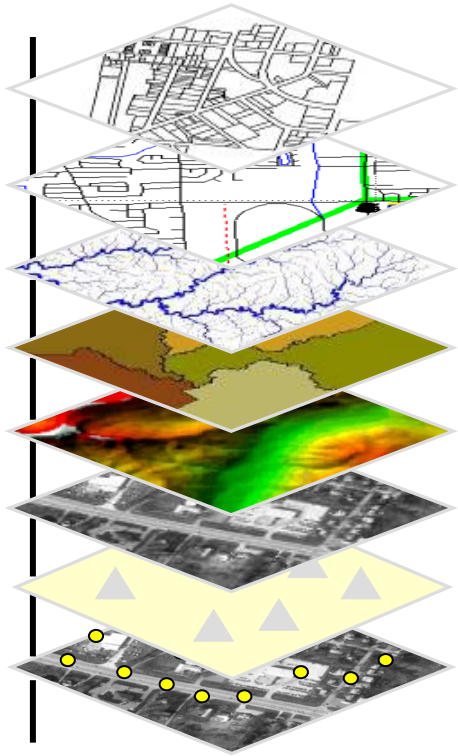
Oregon Geographic Information Council (OGIC)

- OGIC is the lead entity responsible for overseeing the strategic development and governance of geospatial Framework data including the development, implementation, and review of geospatial policies, practices, and standards
- 22 Members Total
  - Geographic Information Officer
  - 2 members of the Legislative Assembly
  - 20 members appointed by the Governor to represent key stakeholder groups involved with geospatial data sharing in Oregon

Oregon's Framework Program

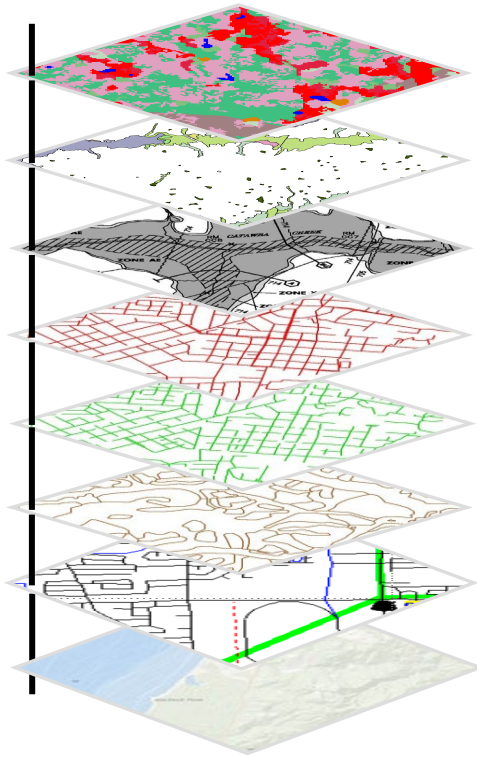
Purpose: to design, develop, acquire, maintain, and enhance geospatial resources and data for all Oregonians.

Nationally recognized



- Cadastral
- Transportation
- Hydrography
- Admin. Boundaries
- Elevation
- Imagery
- Geodetic Control
- Address Points

Oregon-specific



- Land Use/Cover
- Bioscience
- Climate
- Utilities
- Preparedness
- Geoscience
- Hazards
- Coastal/Marine

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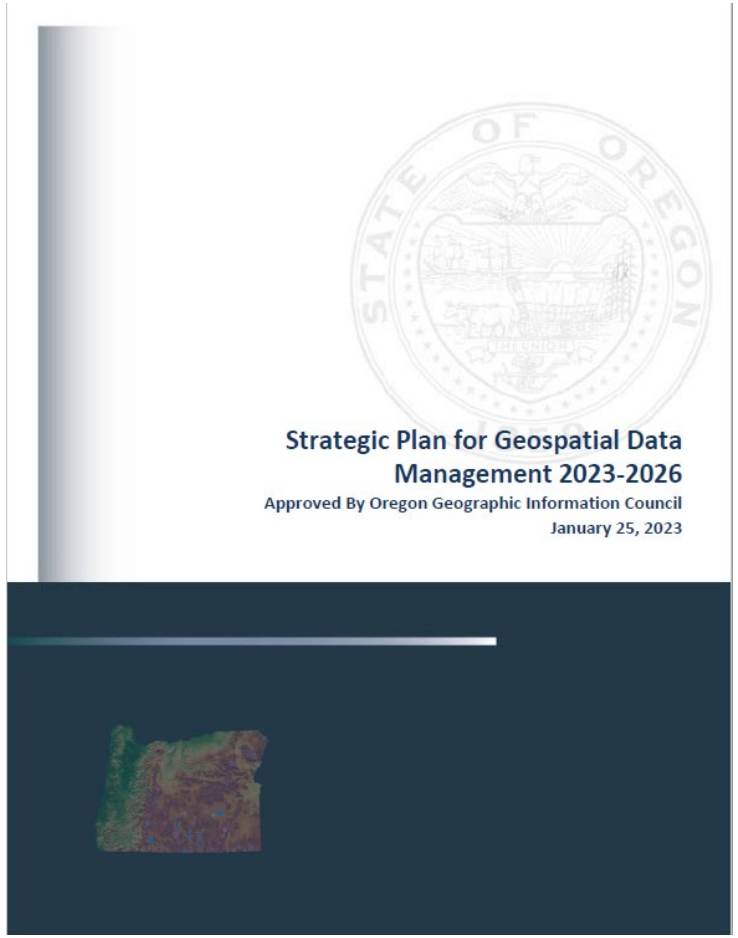
Overview of HB 2906 (ORS 276A.500-515)

- Create a secure geospatial data library
- Public bodies must share data designated by OGIC
- OGIC Fund established to support OGIC activities
- State Geographic Information Officer position established
- Maintain a plan to support geospatial and geographic data management and data sharing

2023-26 Strategic Plan for Geospatial Data Management



- Focused on geospatial Framework data
- Guide the growth & support of Oregon's Framework Program
- Goal 1: Improve Data Sharing & Accessibility
- Goal 2: Expand Data Governance

OGIC 2024-2025 Work Plan

- Priority initiatives aligned with strategic plan goals and objectives:
  - Strengthen communications
  - Support sustainable funding
  - Improve data sharing
  - Legislative coordination
- Three OGIC Subcommittees to advance priorities

Geospatial Data Management and Sharing Project: Key Accomplishments

- GEOHub: new one-stop resource for authoritative geospatial Framework data for the GIS community in Oregon
  - Supports public access to authoritative geospatial data
- 2024 Statewide Imagery Collection purchased – expected to be available May 2025
- Long-Term Funding Strategy for Oregon Statewide Imagery Program - in development, executive summary and memo expected in June 2025

Geographic Information Officer

- Role and expectations (ORS 276A.515)
  - Principal advisor related to geospatial data development and management of geographic information
  - Coordination with public bodies on issues related to geospatial data and geographic information systems
  - Oversee geospatial data management and sharing in support of Oregon's Data Strategy
- Geographic Information Officer vacancy
  - Recruitment posted by April 2025

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Thank you

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