

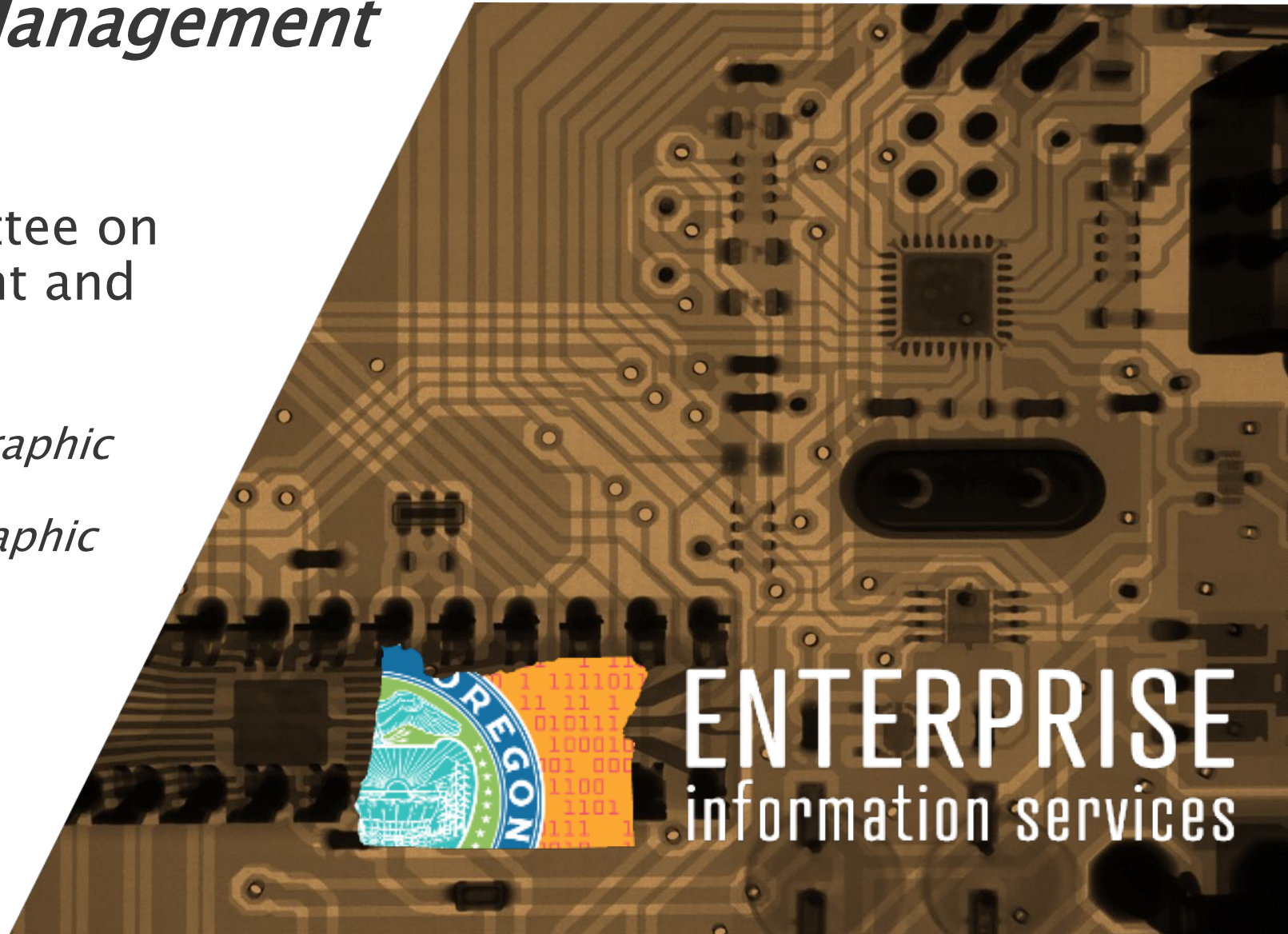
# *Geospatial Data Management & Sharing (GDMS)*

Joint Legislative Committee on  
Information Management and  
Technology

*Tom Rohlfing, Oregon Geographic  
Information Council Chair  
Rachel L. Smith, State Geographic  
Information Officer*

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*June 3, 2022*



# Agenda

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- Oregon Geographic Information Council (OGIC) Introduction
- OGIC Statute Highlights
- OGIC Fund Report
- Oregon's Framework Program
- OGIC Recommendations
- OGIC Accomplishments
- Geospatial Data Management and Sharing Project Update



# Oregon Geographic Information Council (OGIC) Intro

*Strategic Vision: ...authoritative, reliable geospatial data is available and accessible when and where needed by Oregonians.*

## GOALS

## OUTCOMES

- |                                              |   |                                                                          |
|----------------------------------------------|---|--------------------------------------------------------------------------|
| Goal 1: Improve Data Sharing & Accessibility | ➔ | Support informed decision-making                                         |
| Goal 2: Increase Data Stewardship            | ➔ | Improve management of data assets                                        |
| Goal 3: Expand Collaborative Governance      | ➔ | Engage stakeholders in data management                                   |
| Goal 4: Strengthen Communications            | ➔ | Strengthen understanding & use of geospatial data                        |
| Goal 5: Support Sustainable Funding          | ➔ | Support appropriate funding for data management activities at all levels |



# *Highlights of ORS 276A.500–515 (OGIC Statute)*

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- Established OGIC within the office of Enterprise Information Services
- Requires public bodies to share certain geospatial Framework data (with conditions and limitations)
- Established the Geographic Information Officer (GIO) within Enterprise Information Services
- Requires GIO to provide secure means to share geospatial data
- Established an OGIC fund



# *Report on OGIC Fund*

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- Funded with \$500K a biennium as a line item in the DAS budget.
- Funds are used for the Framework Data Development Grant Program.
- Projects are selected via request for proposal and technical review process and approved by OGIC.
- Recently selected projects include:
  - Updated demographic data and data standards to support social and equity-oriented decision making.
  - Pilot project to enrich critical building footprint data with additional attributes to improve the relationship between the structure, address, and tax lot; will determine a stewardship plan outlining a plan to keep these data up-to-date.



# Report on OGIC Fund

Biennium	# of Framework Grants Awarded	Recipients	Beginning Balance	Ending Balance
2017-19	9	Dept. of Geology & Mineral Industries, Dept. of Land Conservation & Development, Dept. of Human Services/Oregon Health Authority, Lane Council of Governments, Portland State University, Oregon State University Institute for Natural Resources, Dept. of Fish & Wildlife, Enterprise Information Services Geospatial Enterprise Office	\$500,070.00	\$36,046.66
2019-21	7	Dept. of Geology & Mineral Industries, Dept. of Land Conservation & Development, Portland State University, Oregon State University Institute for Natural Resources	\$36,046.66	\$107,696.47
2021-23	6	Portland State University, Oregon State University Institute for Natural Resources, Lane Council of Governments, Dept. of Fish & Wildlife, Parks & Recreation Dept., Enterprise Information Services Geospatial Enterprise Office	\$107,696.47	



# *What is Oregon's Framework Program?*

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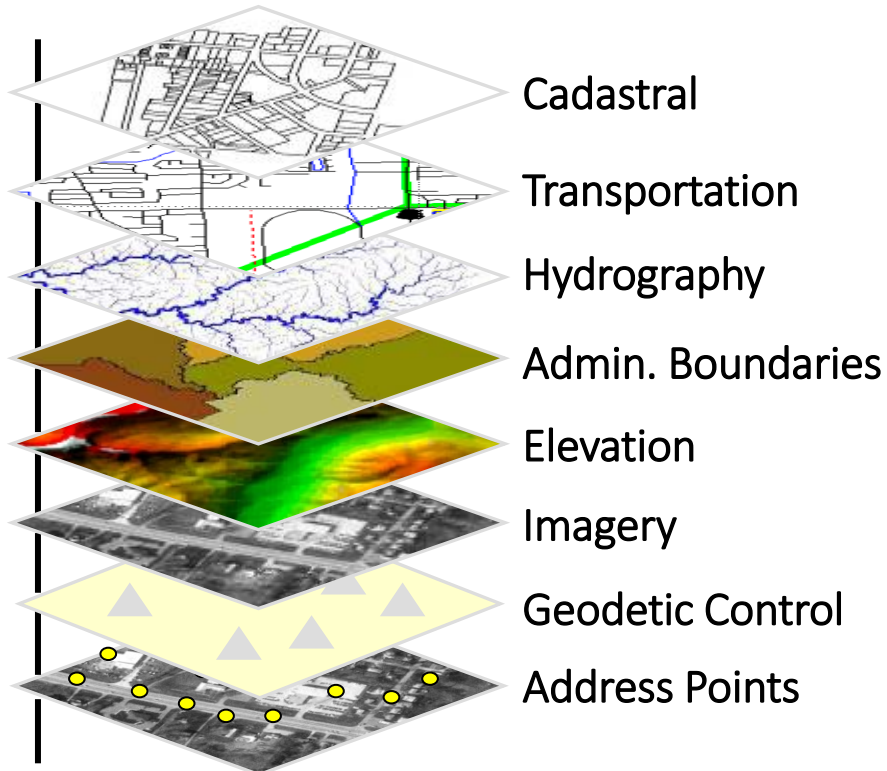
- A collaborative network of GIS practitioners across the state
- Focused on the development and maintenance of foundational, widely-used, and authoritative geospatial data
- Develops data standards, stewardship, and governance processes



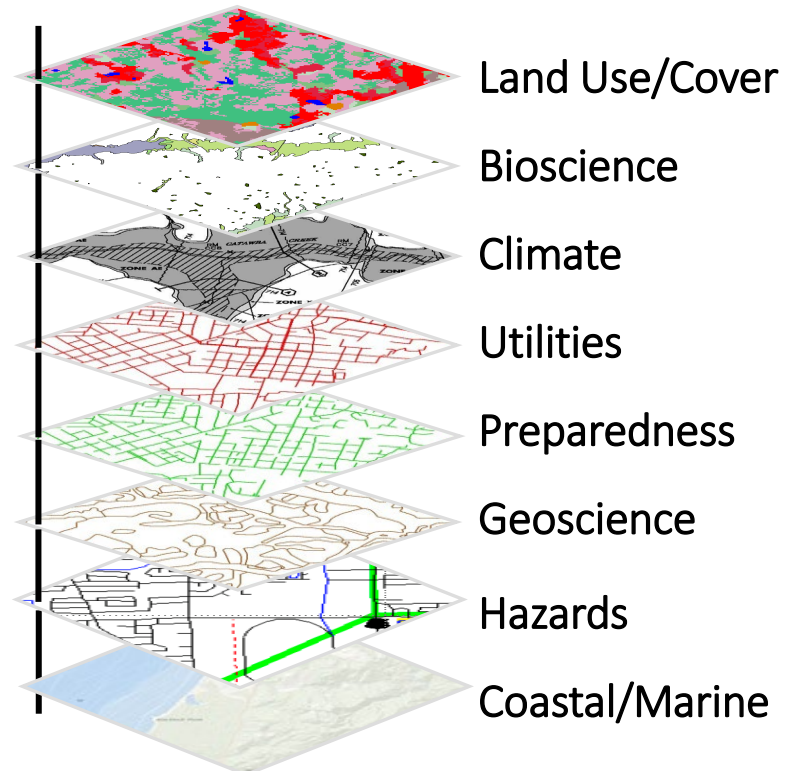
# Summary of Oregon's Framework Program

Geospatial data are organized into 17 topics areas - **Framework Themes**

## Nationally recognized



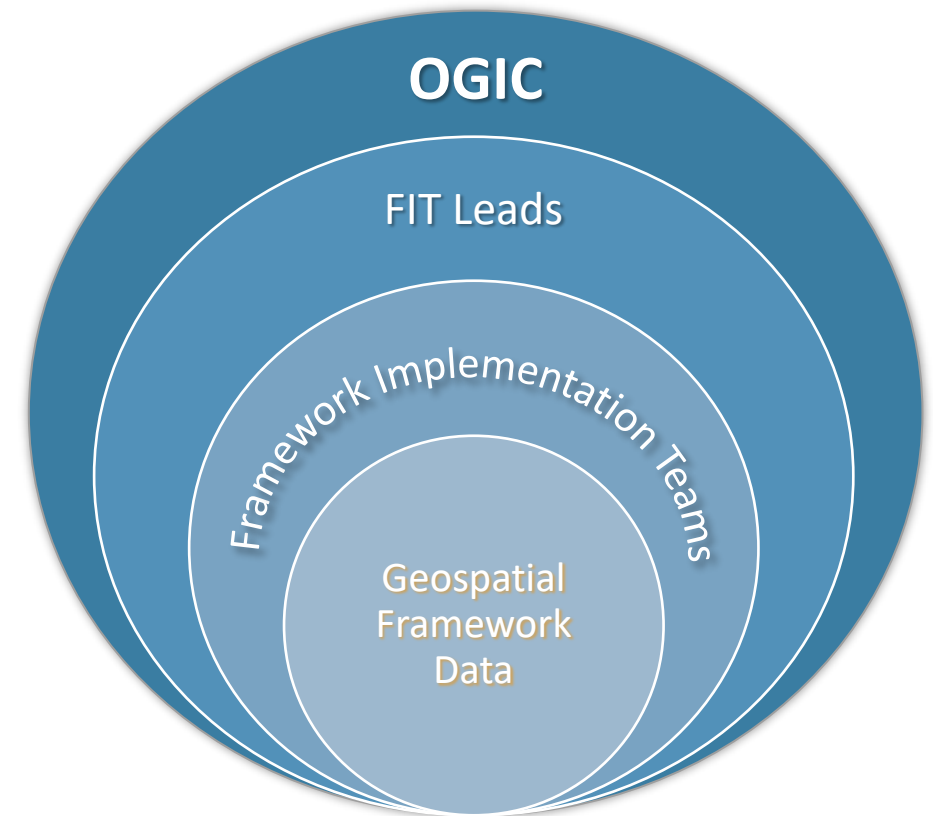
## Oregon-specific





# OGIC's Framework-Related Duties

- Oversight of Framework Program
  - Development of Data Standards
  - Support of Data Stewardship
  - Management of Framework Data
- Funding for Data Development
  - Framework Grant Program
  - Data Prioritization
- Data Sharing Support and Advocacy
  - Identify Framework Data for Sharing
  - Assist in Removing Barriers to Data Sharing



# *OGIC Recommendations: Data Sharing*

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- Secure Portal for Data Sharing Among Public Bodies (GDMS Project)
- Continued Support and Resources for Oregon's Framework Program
- Engage Local Gov't to Create Statewide Data Layers / Support Data Sharing

\*\*OGIC is currently updating its 4-Yr Strategic Plan. Additional recommendations and strategies will be created by the end of this calendar year.



# *OGIC Accomplishments*

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- Six New or Updated Data Standards since 2020
- Framework Data Development Grant Program projects advance priority data development for public sharing:
  - 2019-21: tsunami, earthquake, building footprints, 2020 statewide aerial imagery, fish habitat distribution, habitat mapping
  - 2021-23: taxing districts, wildfire data & coordination, demographic data for equity initiatives, 2022 statewide aerial imagery, building footprints, habitat mapping
- OGIC Members Engaging Local Governments to Determine Barriers to Data Sharing
- GDMS Project Initiation 2021-23



# *GDMS Project Update – Scope*

GEOHub Portal

1. Create Container for Secure Sharing

Data Development & Project Validation

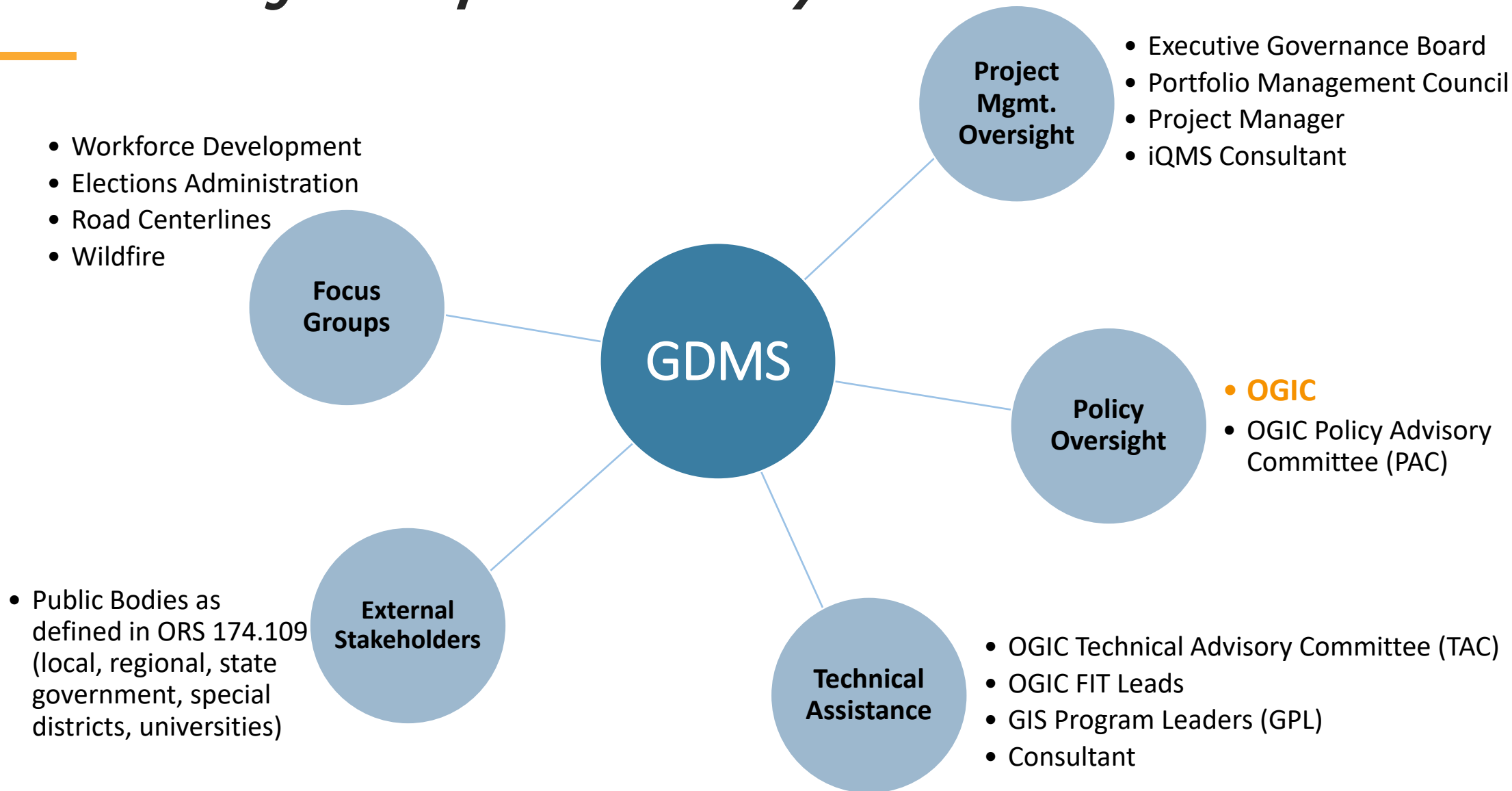
2. Create Data to go in Container

Data Sharing Governance and Data Management

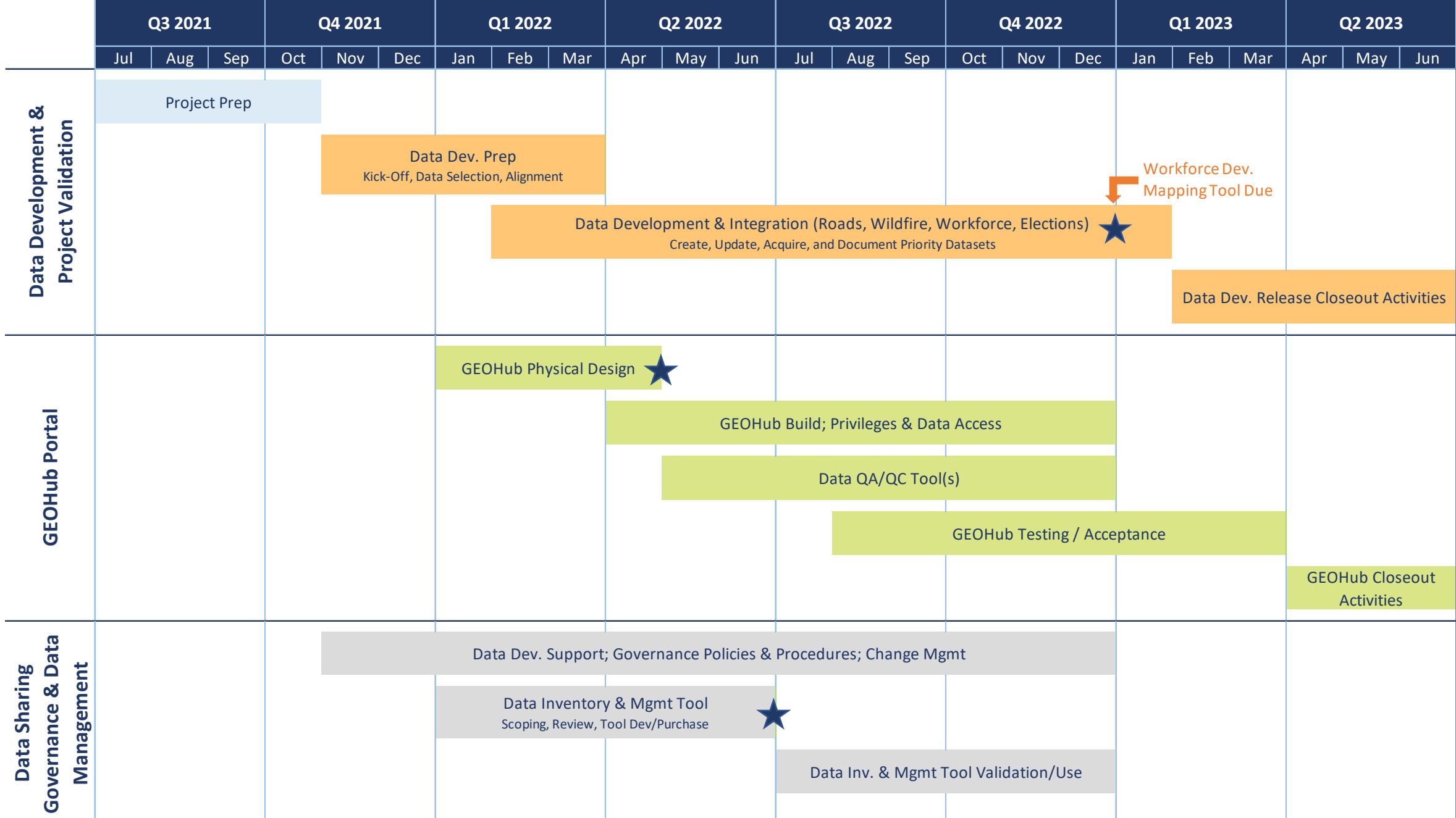
3. Manage Data in Container



# GDMS Project Update – Key Stakeholders



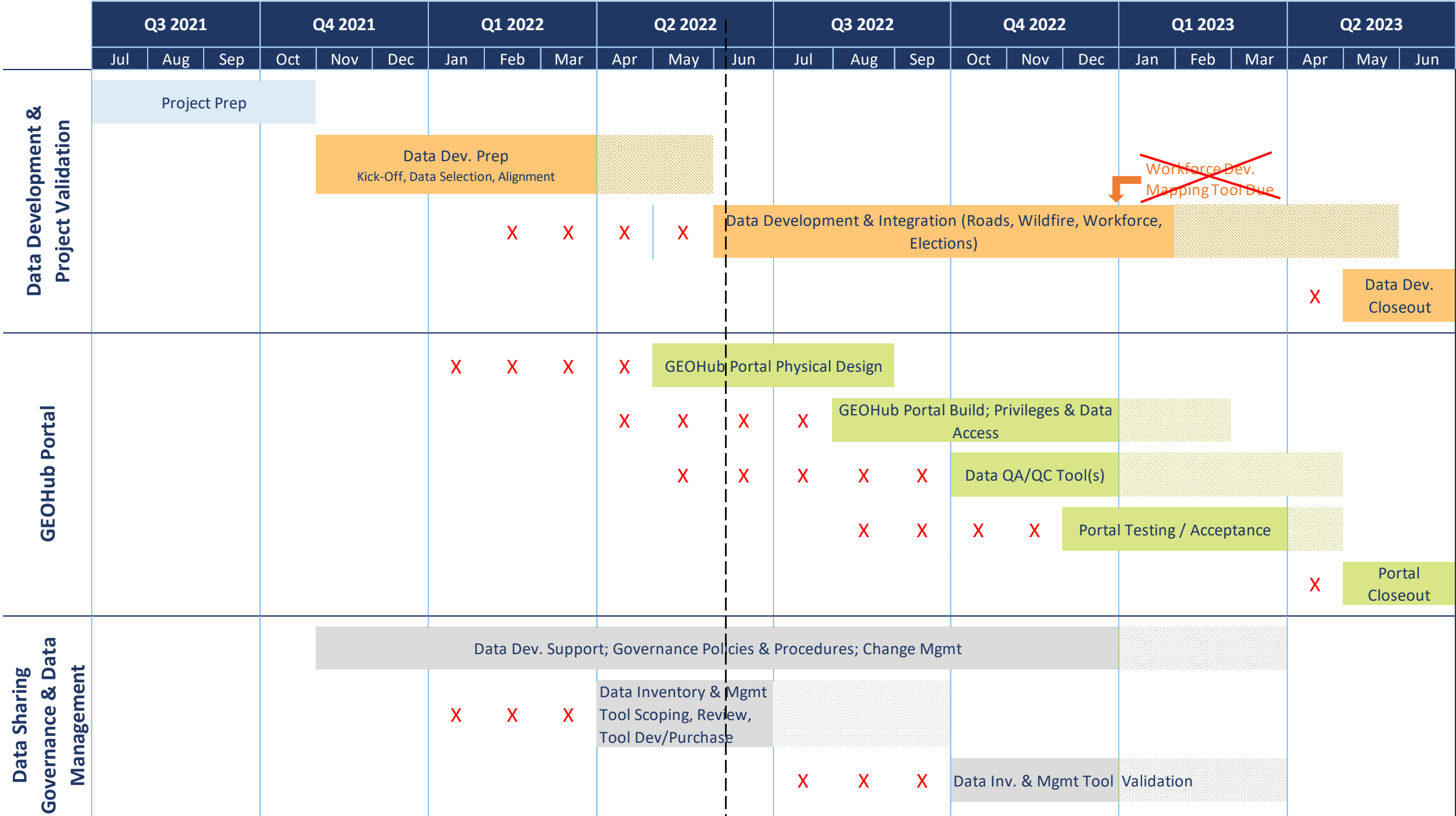
# GDMS Project Update – Initial High-Level Schedule



Workforce Dev. Mapping Tool Due



# GDMS Project Update – Revised High-Level Schedule



~~Workforce Dev. Mapping Tool Due~~

# GDMS Project Update – Project Milestones

Description	Due Date
<b>Secure Data Sharing Portal</b>	
GEOHub Portal Vendor Kickoff	6/10/2022
GEOHub Portal Physical Design	7/30/2022
Portal Governance Document	12/31/2022
Portal In Production	3/31/2023
<b>Data Development</b>	
Data Development Preparation	7/30/2022
New Data Published in GEOHub Portal	6/30/2023
<b>Data Sharing Governance &amp; Management</b>	
Data Inventory & Management Tool Scoping and Selection	6/30/2022
Data Change Management Policies	12/31/2022
Data Inventory & Management Tool In Production	3/31/2023
<b>GDMS Project Close Out</b>	<b>7/31/2023</b>





# GDMS Project Update – Budget

Budget Category	Project Budget	Project Budget thru March 2022	Project Expenditures thru March 2022	Variance to Date
Personal Services	\$376,890	\$124,786	\$111,281	-11%
Services & Supplies	\$0	\$0	\$0	0%
Professional Services	\$1,105,000	\$352,692	\$95,147	-73%
Capital Outlay	\$350,000	\$75,000	\$0	-100%
Contingency	\$0	\$0	\$0	0%
<b>Total</b>	<b>\$1,831,890</b>	<b>\$552,478</b>	<b>\$206,428</b>	<b>-63%</b>

\*The GDMS Project is funded from the Enterprise Information Services budget. OGIC Fund is not impacted.



# *GDMS Project Accomplishments To Date*

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- Project Planning Complete – Stage Gate 1 Endorsement Received
- Project Kick-off to Primary Stakeholders / Participants - Complete
- Design of Secure Portal for Data Sharing - Complete
- Focus Groups and Technical Advisory Groups Identified and Meeting Regularly
  - Wildfire and Elections Administration Projects - Underway
  - Road Centerline Coordination - Complete
  - Workforce Development Project - Re-Scoping
- Data Governance Activities - Underway





# ENTERPRISE

information services



Thank you.

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