

OREGON'S GIS FRAMEWORK

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OSCIO GEOSPATIAL ENTERPRISE OFFICE



OVERVIEW

- Background
- Organization
- Data elements

DATA IN GOVERNMENT

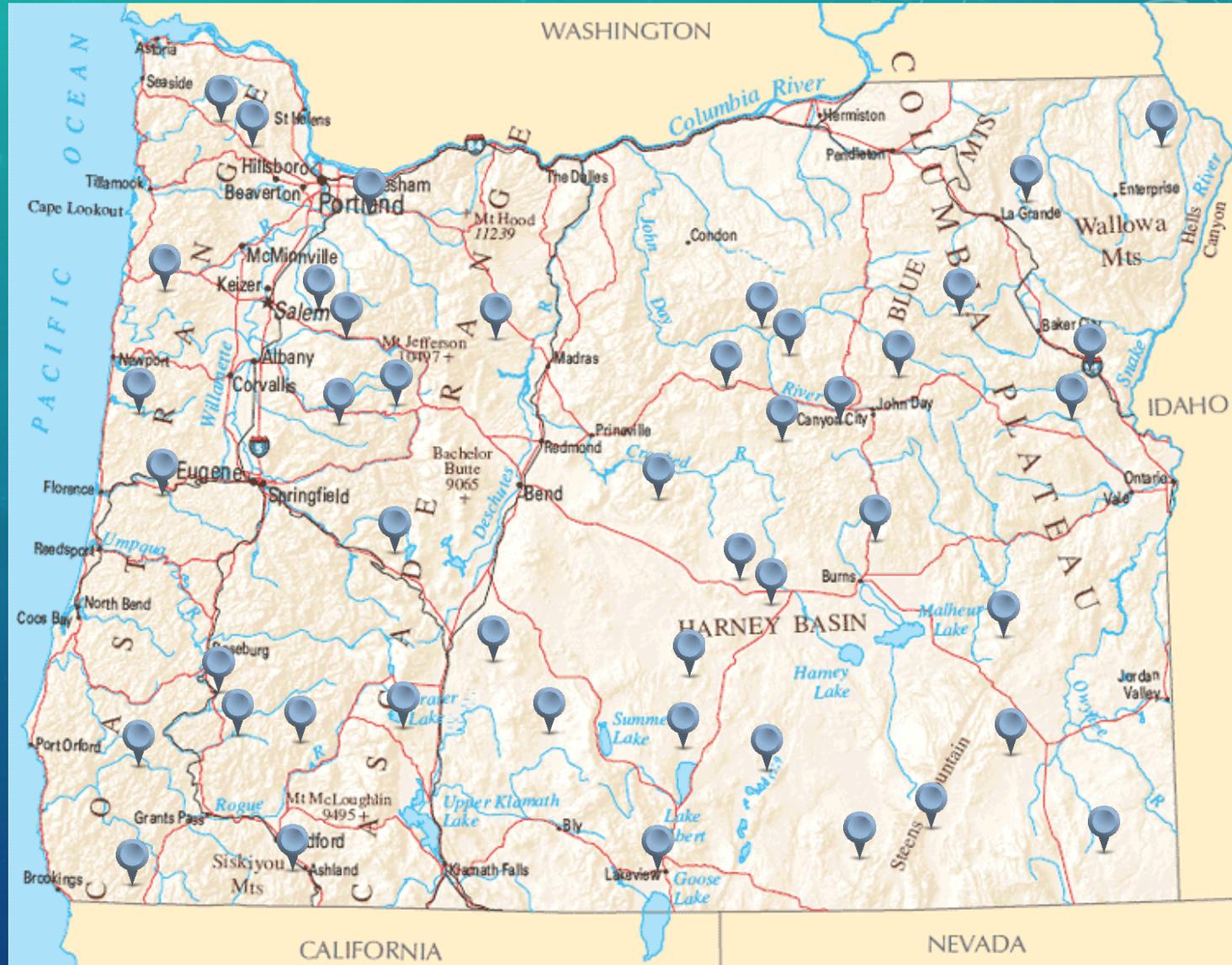
- Drives, informs, illuminates, enables government service provision

DATA IN GOVERNMENT

- Most government databases contain, or can contain, a locational element
 - Geography connects all things that exist or happen at any location

CONSISTENT PUBLIC SERVICES

Depend on locational data
However...
locational data doesn't exist everywhere in Oregon



HOW DO WE FILL THE DATA GAPS?

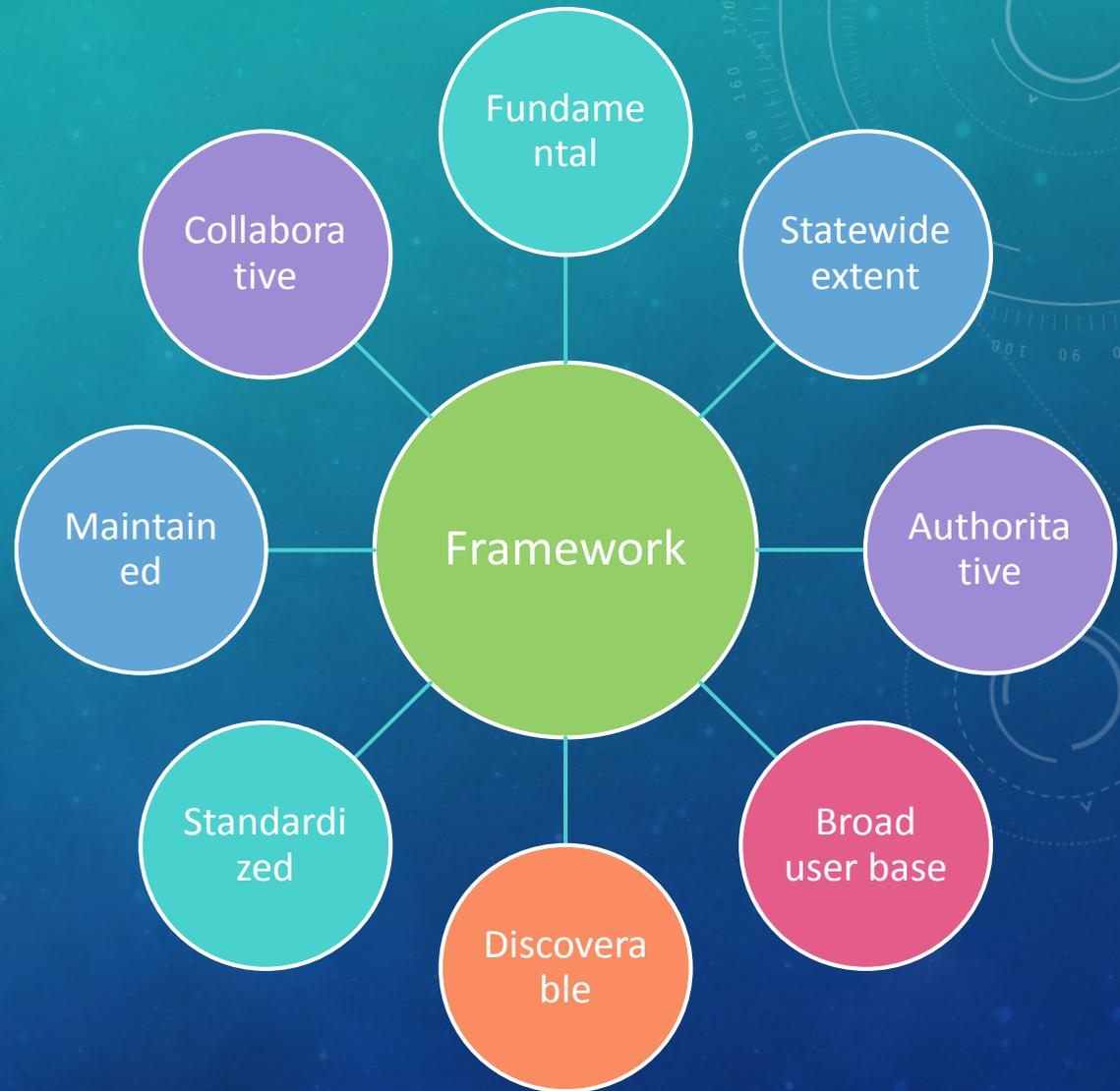
Question

- A. Throw lots of \$\$ at the problem
- B. Leverage money already being spent
- C. Work collaboratively to ensure the most data is collected
- D. Turn up and go home



WHAT IS OREGON'S GIS FRAMEWORK?

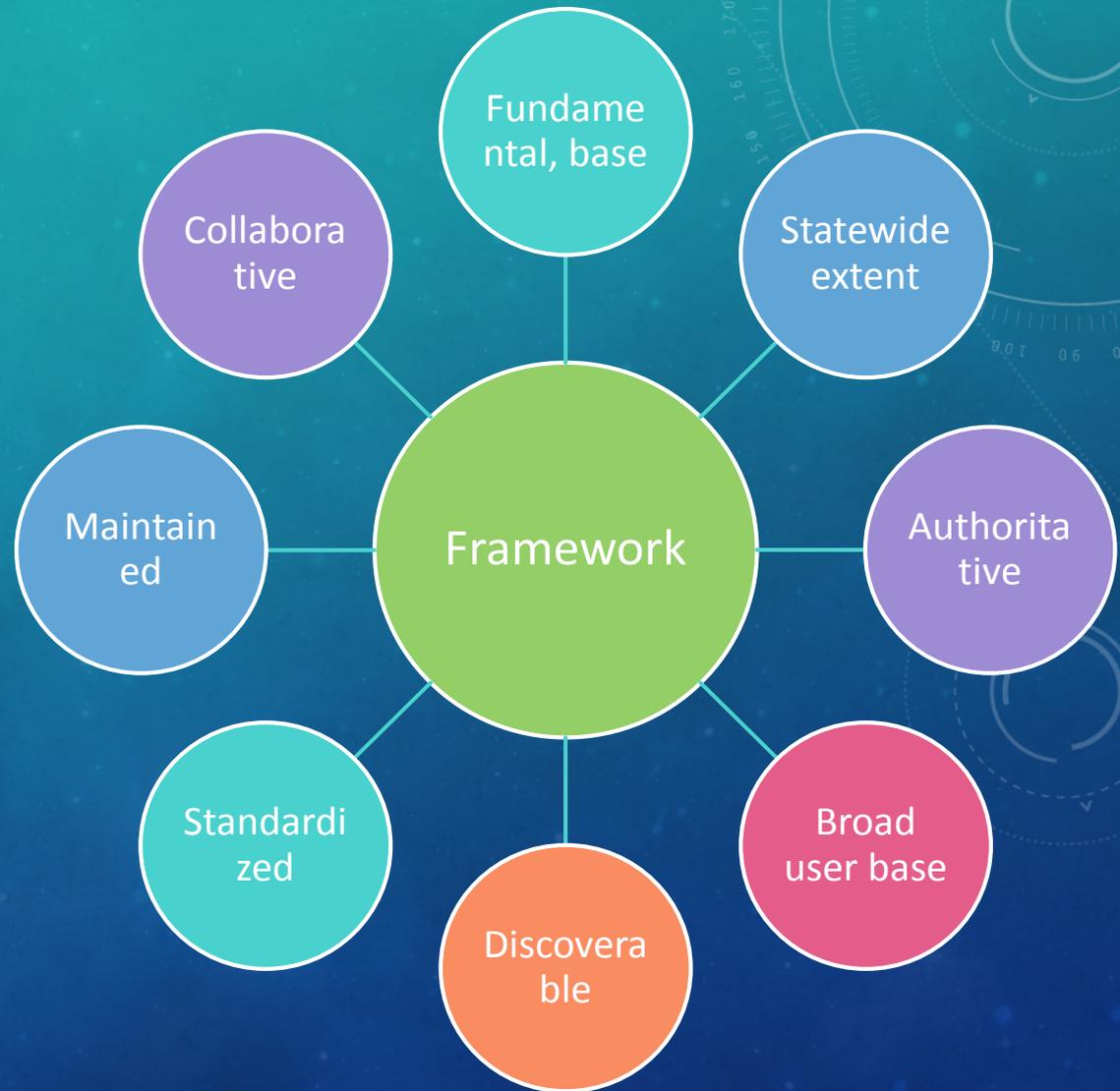
Geospatial data
backbone for
Oregon



WHAT IS OREGON'S GIS FRAMEWORK?

Vision

Authoritative spatial data is available and accessible when needed.



AUTHORITATIVE DATA

- Authority is the legal responsibility provided by a legislative body to conduct business for the public good
 - Data developed for a particular regulatory, statutory or related purpose by or for the authoritative source
- Other authoritative data types
 - rational & expert

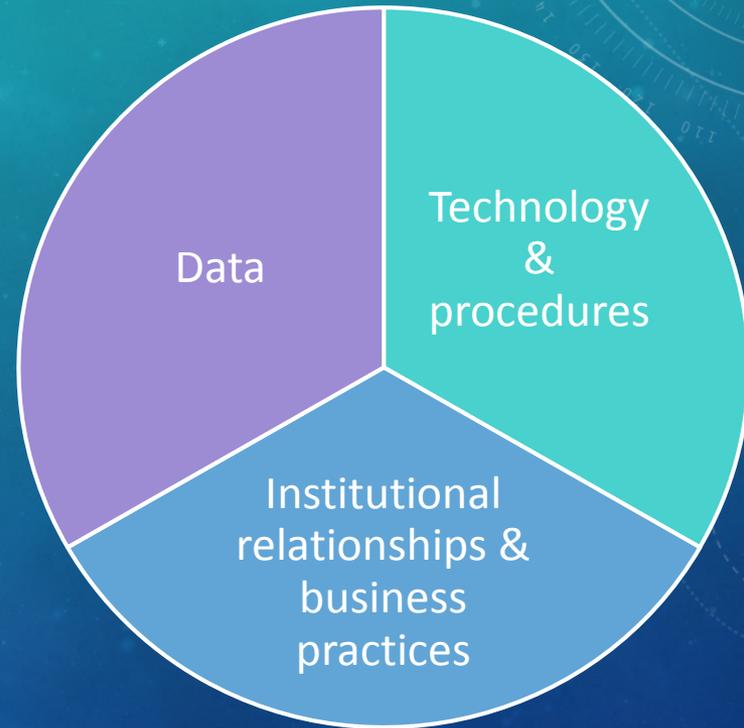
WHAT IS OREGON'S GIS FRAMEWORK?

- Geospatial data for use in applications
- Base to which users can add or attach information
- Basis for accurate geographic registration and data compilation
- Base data for displaying locations and other information
- 250+ data elements

RELATIONSHIP TO NAVIGATOR

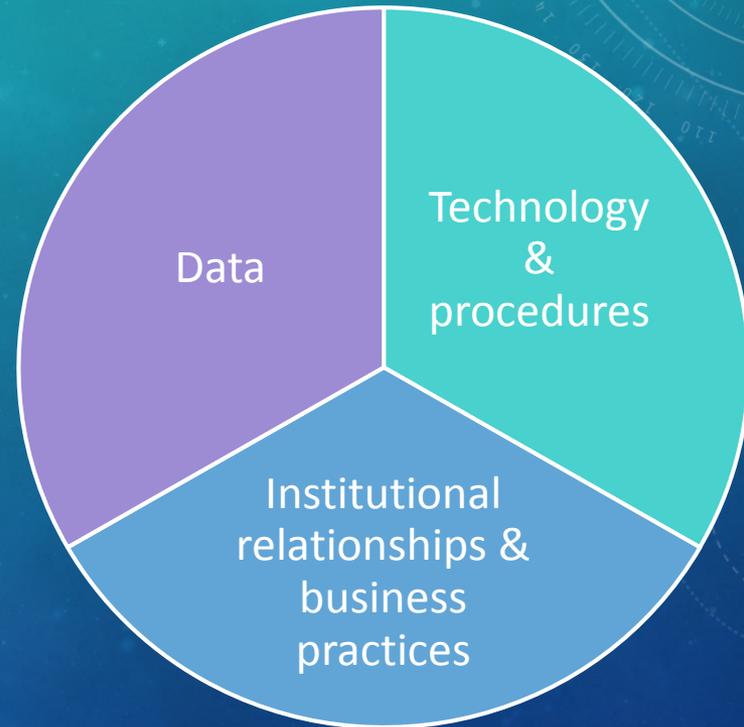
What is navigatOR?

- Oregon's spatial data infrastructure



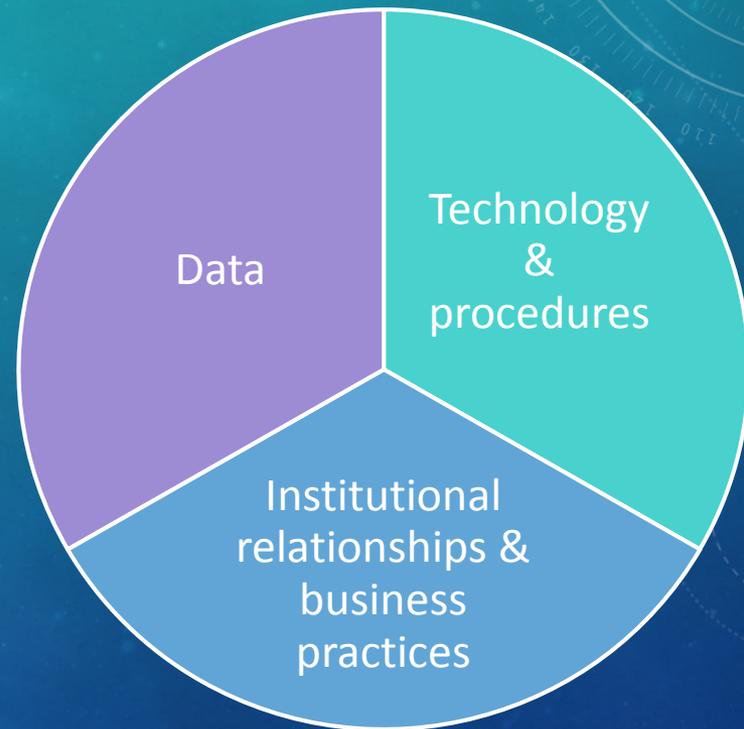
RELATIONSHIP TO NAVIGATOR

- Primary data in navigatOR



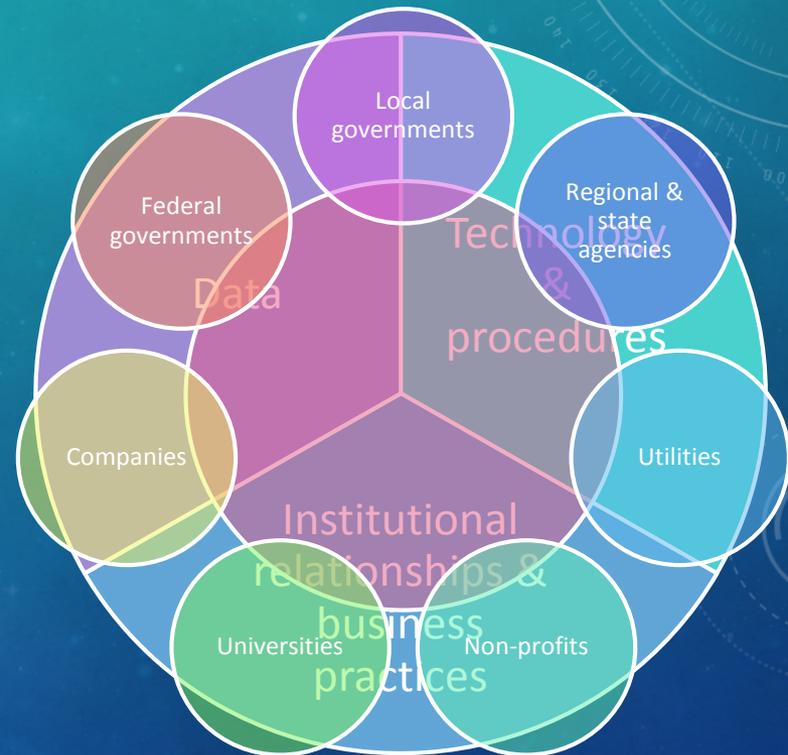
RELATIONSHIP TO NAVIGATOR

- Provides community-designed standards and guidelines for:
 - Data development
 - Data integration
 - Data maintenance (stewardship)



RELATIONSHIP TO NAVIGATOR

- It's a group effort
 - Collaborative, cooperative community of participants
 - Responsive to needs of geospatial community and users



MEMBERSHIP CRITERIA

- At least one of the following are true:
 - Statewide
 - Broad user-base
 - Foundational
 - Secondary foundational

BENEFITS

- **Cost savings**
- **Organizational efficiencies**
- **Decision-making efficiencies**
- Partnership
- Base data & templates
- Standards & guidelines
- Network of GIS users
- Access to existing data
- Avoidance of data conflicts
- Reduced load from data requests
- Tapping into business needs & processes

FRAMEWORK WORK AREAS

Coordination

Data Development

Data Stewardship: Data Maintenance & Integration

Data Management

Data Access

Policy Guidance & Resource Management

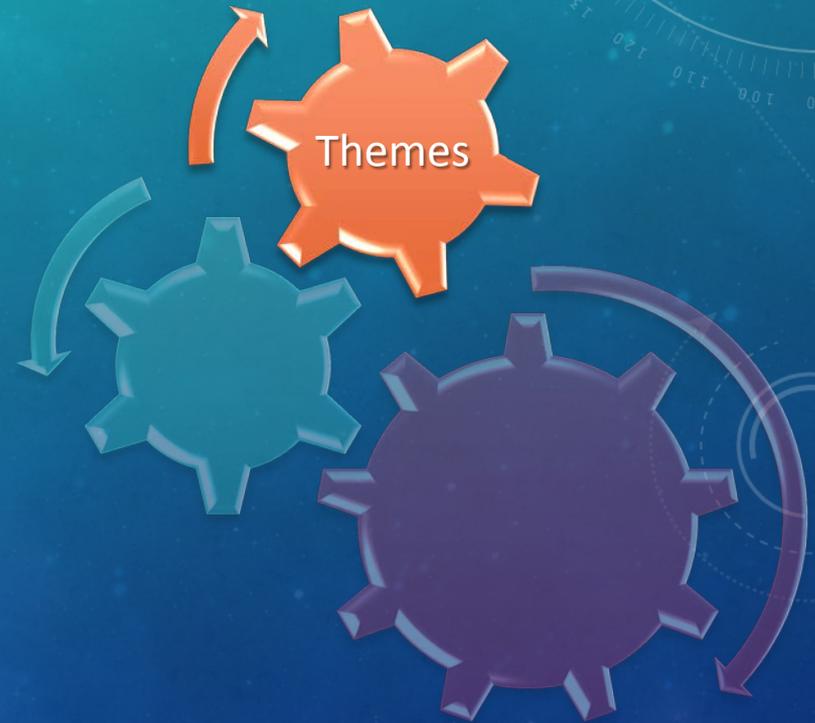
Monitoring & Response

PARTICIPANT ORGANIZATION

The background features a teal-to-blue gradient with a subtle pattern of small white dots. On the right side, there are several circular and semi-circular graphic elements. A prominent one is a large circular scale with numerical markings from 0 to 210 in increments of 10. Other elements include smaller concentric circles, dashed lines, and arrows, some of which are partially cut off by the edges of the frame.

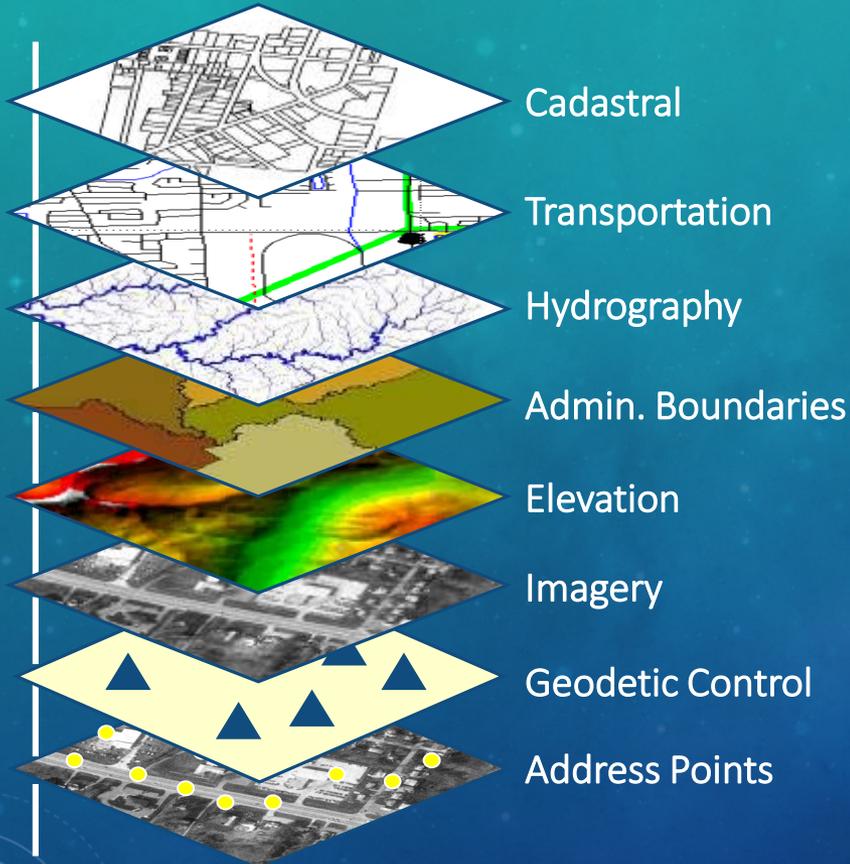
PARTICIPANT ORGANIZATION

- Framework Data Themes

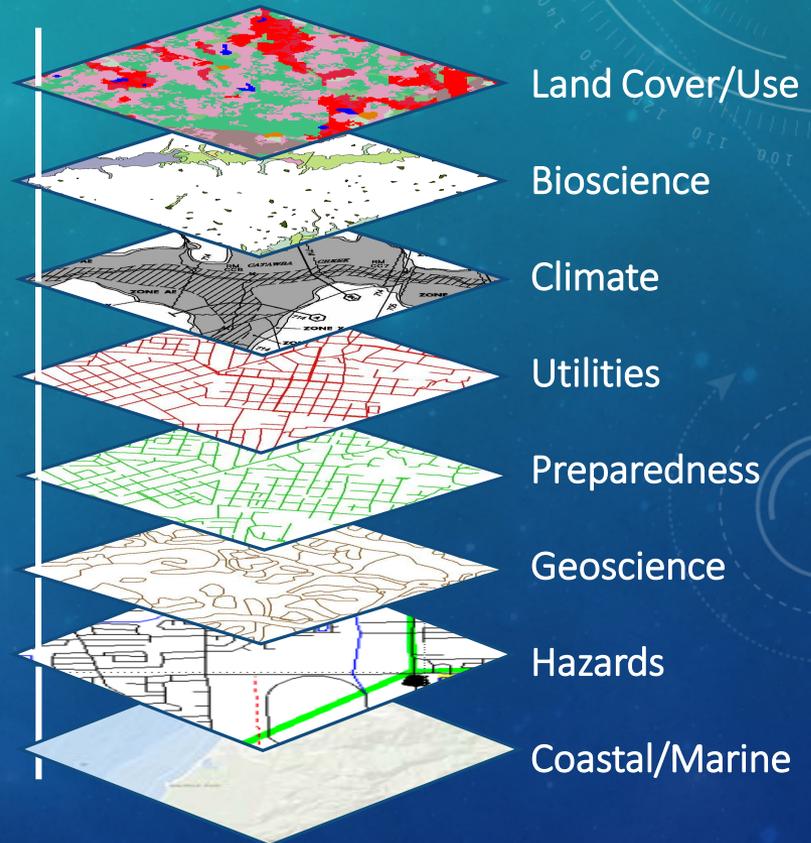


FRAMEWORK DATA THEMES

Nationally recognized

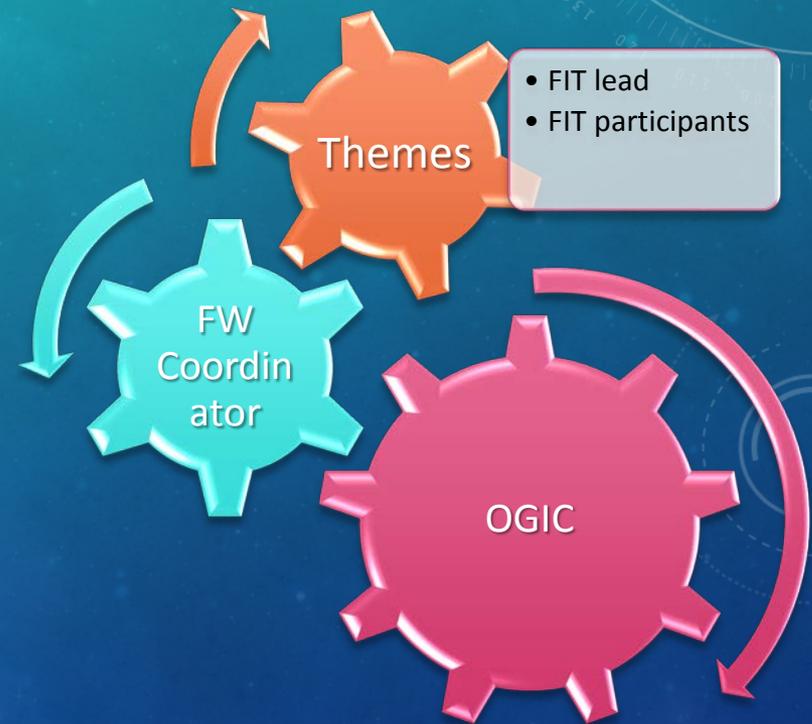


Oregon-specific



PARTICIPANT ORGANIZATION

- Framework Data Themes
 - led by a FIT chair
 - multi-agency Framework Implementation Team (FIT)
- Framework Coordinator
- Oregon Geographic Information Council (OGIC)
 - Policy support from Oregon GIS Policy Advisory Committee (PAC)
 - Technical advice from GIS Program Leads (GPL)



FRAMEWORK DATA ELEMENTS

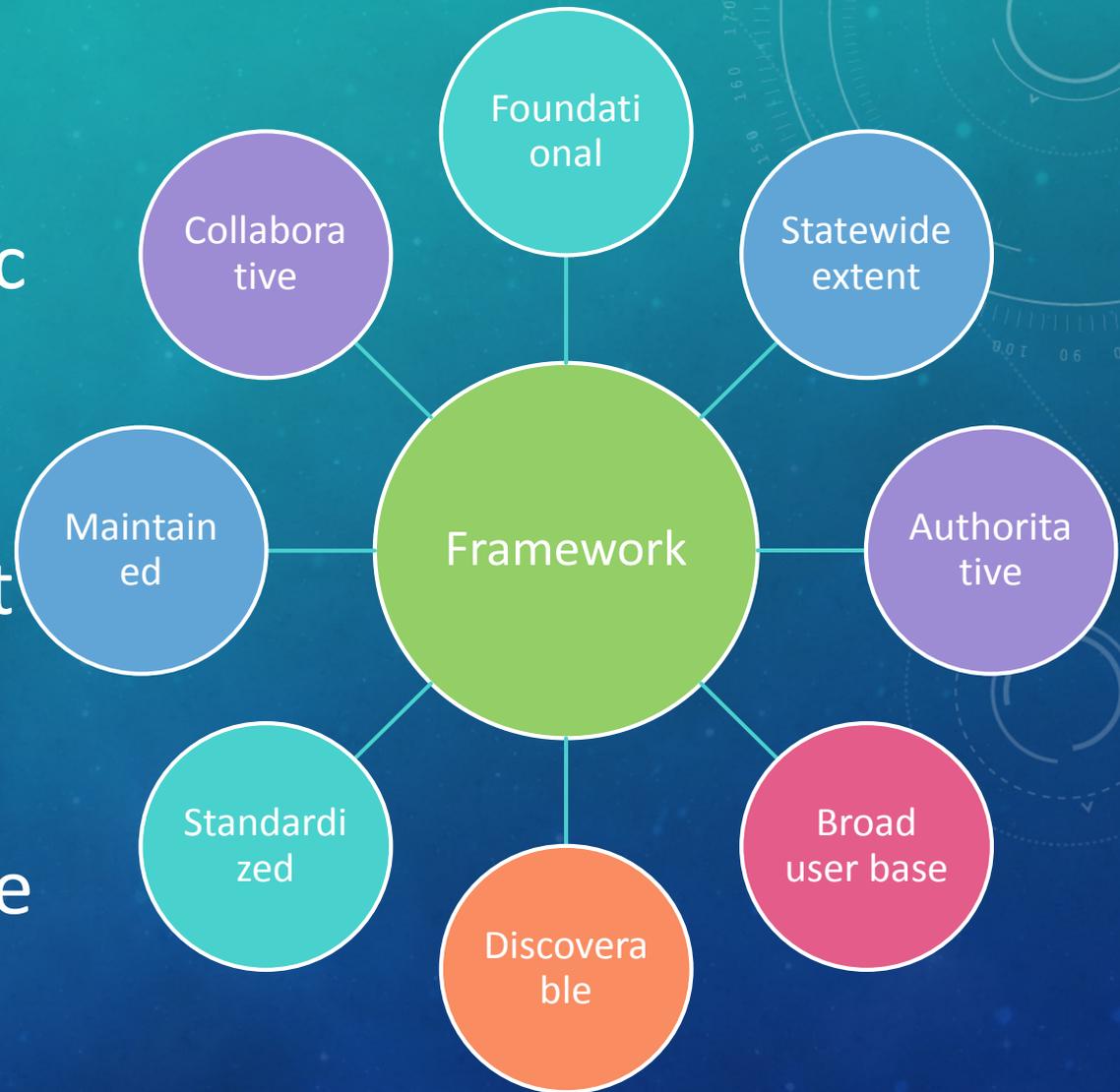
The background features a teal-to-blue gradient with a field of white dots. On the right side, there are several circular data elements: a large circular scale with numerical markings from 0 to 210, a smaller circular scale with markings from 0 to 100, and two circular arrows indicating clockwise and counter-clockwise directions.

WHAT IS A FRAMEWORK DATA ELEMENT?

- Fundamental, geospatial dataset – base data for a variety of business purposes
 - Typically statewide in extent
 - Considered authoritative
 - Serve the purposes of a broad range of users
 - Developed to agreed upon data standards
 - Shared appropriately/discoverable
 - Of high quality given current resources; authoritative
 - Maintained via collaborative stewardship agreements

WHAT IS A FRAMEWORK DATA ELEMENT?

- Collection of related geographic features
- May occur as individual data set or collection of related data sets, similar to a feature dataset in ArcGIS



ACCESS TO FRAMEWORK

DATA

- Oregon Spatial Data Library (OSDL)
- ArcGIS Online

COMMUNITY

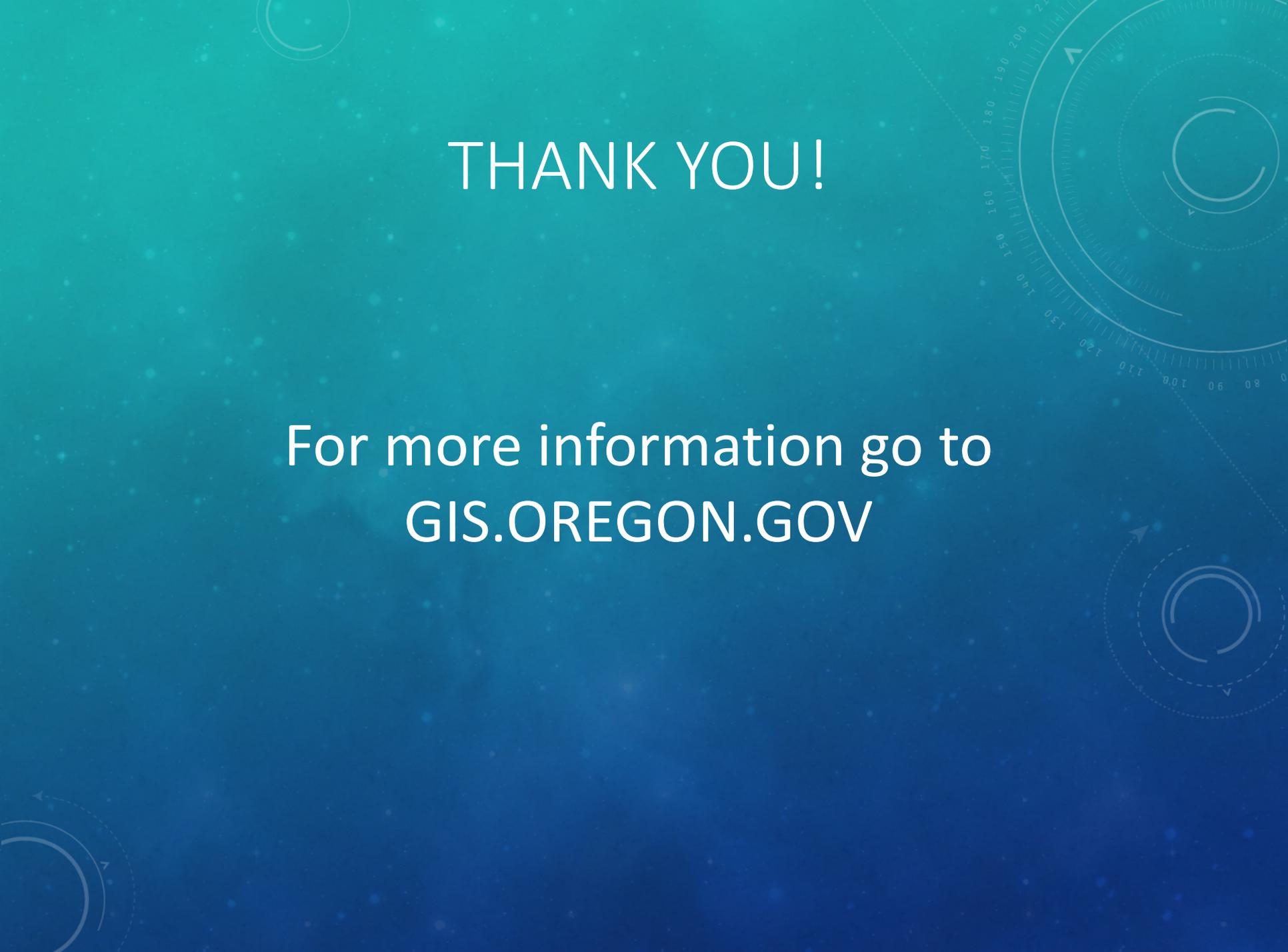
- Framework Forums
- Framework Implementation Team meetings
- Email lists
- GIS Program Leads
- Oregon Geographic Information Council

HOW DO YOU JOIN?

1. Visit gis.oregon.gov
2. Attend a Framework Forum
3. Join GEO's email lists
4. Contact FIT leads
5. Contact Theresa Burcsu, Framework Coordinator

Theresa.Burcsu@Oregon.gov

503-378-3157



THANK YOU!

For more information go to
[GIS.OREGON.GOV](https://gis.oregon.gov)