OREGON'S GIS FRAMEWORK

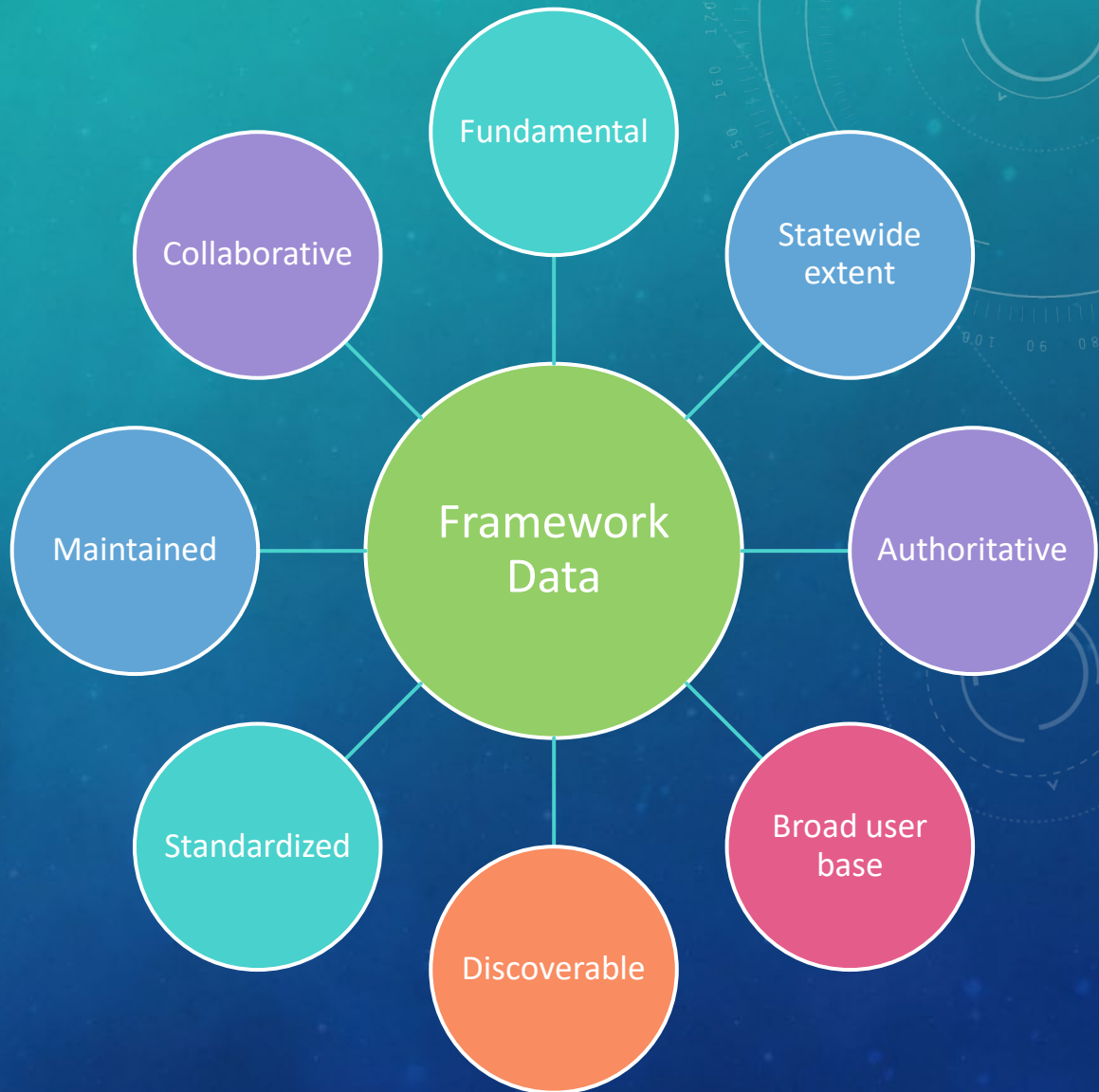## RACHEL SMITH

GIO / INTERIM FRAMEWORK COORDINATOR

PRESENTATION OVERVIEW

- What is Oregon's Framework Program?

- Framework Themes

- Framework Data Elements

- Access to Framework

WHAT IS OREGON'S GIS FRAMEWORK?

Geospatial data backbone for Oregon

Fundamental

Statewide extent

Collaborative

Maintained

Framework Data

Authoritative

Standardized

Broad user base

Discoverable

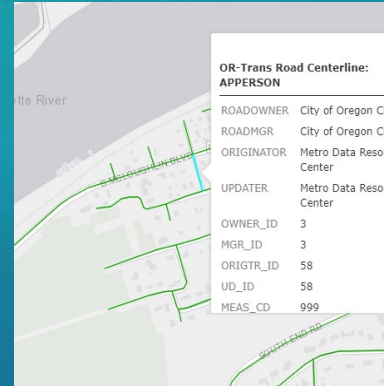# WHAT IS OREGON'S GIS FRAMEWORK?

Vision

Current authoritative geospatial data are available and accessible to all when and where needed.

AUTHORITATIVE DATA

- Rational authority
  - Data developed for a particular regulatory, statutory or related purpose by or for authoritative source
- Expert authority
  - Specialized scientific methodologies, technical standards, and expertise required to generate a geospatial dataset. Examples: Studies/research conducted by recognized 'think tanks' or academia.
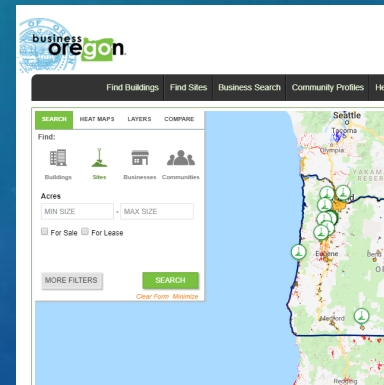
WHAT IS OREGON'S GIS FRAMEWORK?

Base data for geographic registration and data compilation

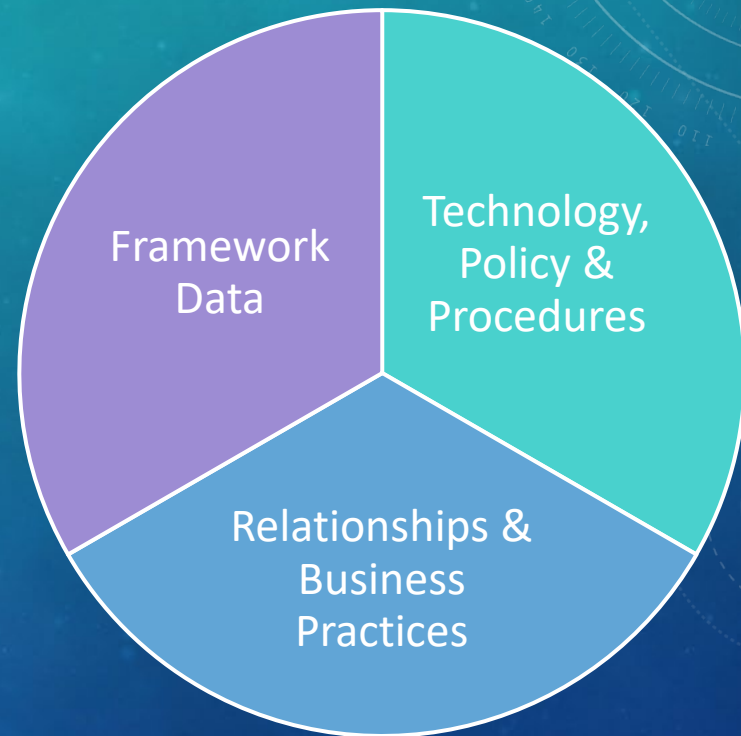Base data for attaching other info

Base data for location display

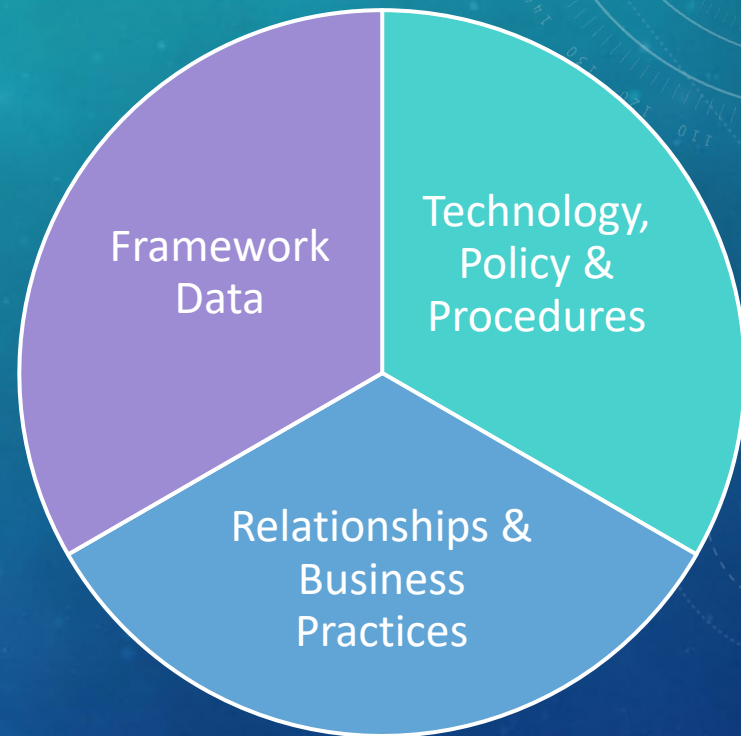Base data for use in applications

RELATIONSHIP TO GEOHUB

What is GEOHub?

- Oregon's spatial data infrastructure
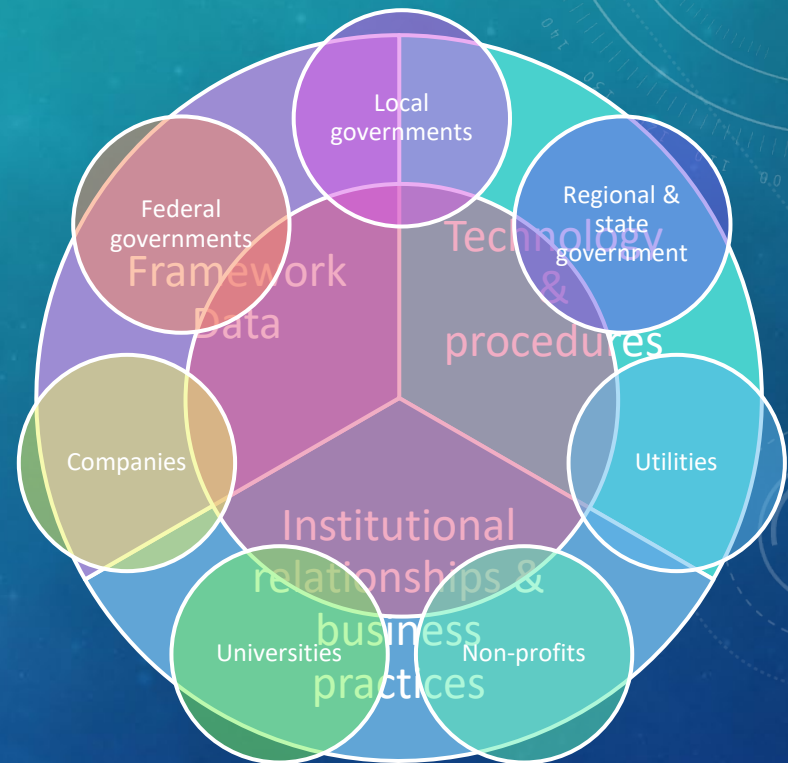
DATA STANDARDS AND GUIDELINES

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

Framework Data

Technology, Policy & Procedures

Relationships & Business Practices

FRAMEWORK COMMUNITY

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

FRAMEWORK WORK AREAS

- Coordination
- Data Development
- Data Stewardship: Data Maintenance & Integration
- Data Management
- Data Access
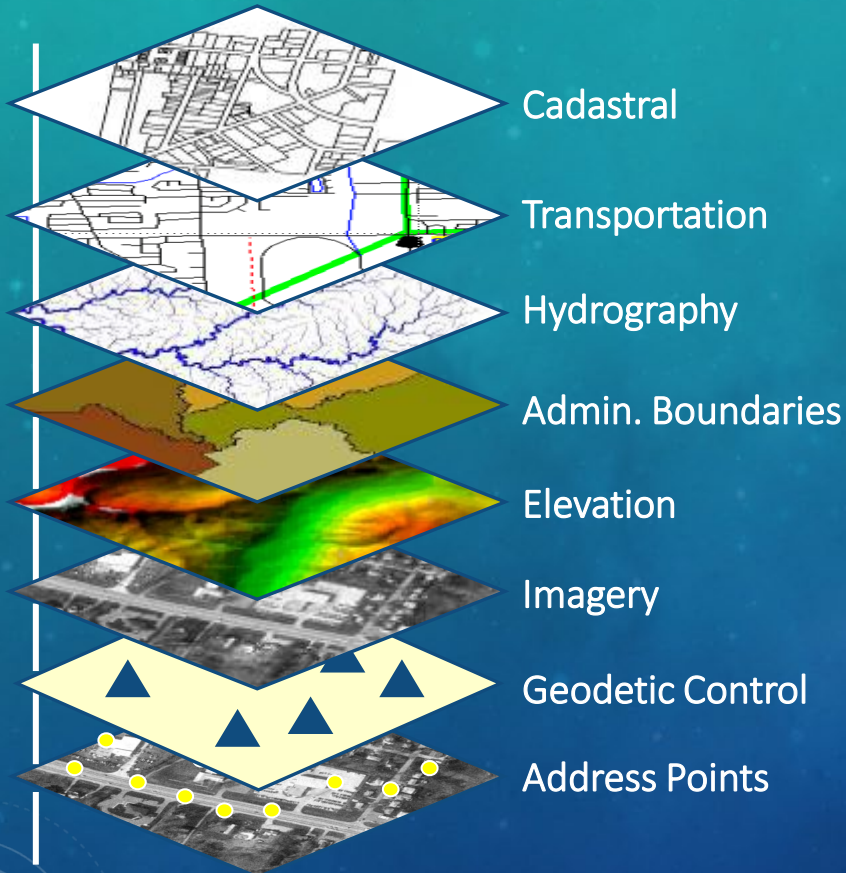- Policy Guidance & Resource Management
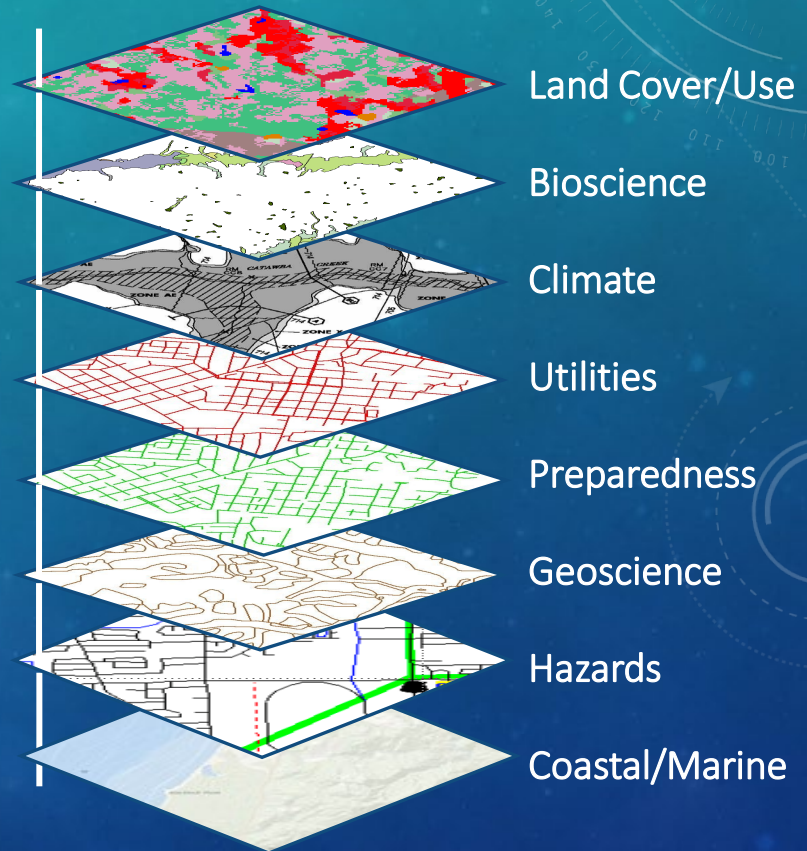- Monitoring & Response

FRAMEWORK THEMES

FRAMEWORK DATA THEMES

Nationally recognized

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

Oregon-specific

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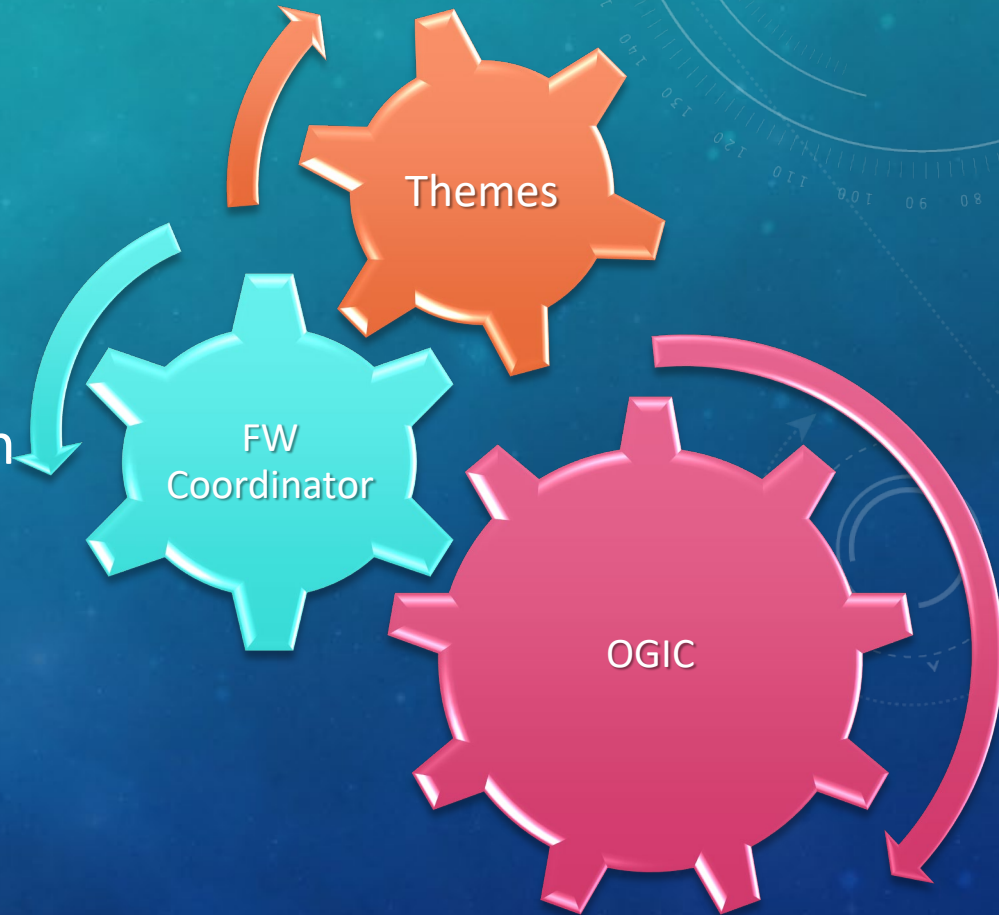- Utilities
- Preparedness
- Geoscience
- Hazards
- Coastal/Marine

PARTICIPANT ORGANIZATION

- Framework Data Themes
  - led by a FIT Lead
  - multi-agency Framework Implementation Team (FIT)
- Framework Coordinator
- Oregon Geographic Information Council (OGIC)
  - Oversight of Framework Program
  - Policy support from OGIC Policy Advisory Committee (PAC)
  - Technical advice from OGIC Technical Advisory Committee (TAC)

Themes

FW Coordinator

OGIC

FRAMEWORK DATA ELEMENTS

FRAMEWORK DATA CRITERIA

- Statewide Extent

- Multiple, well-defined business uses

- Multiple organizations/agencies who rely on the data to meet their business needs

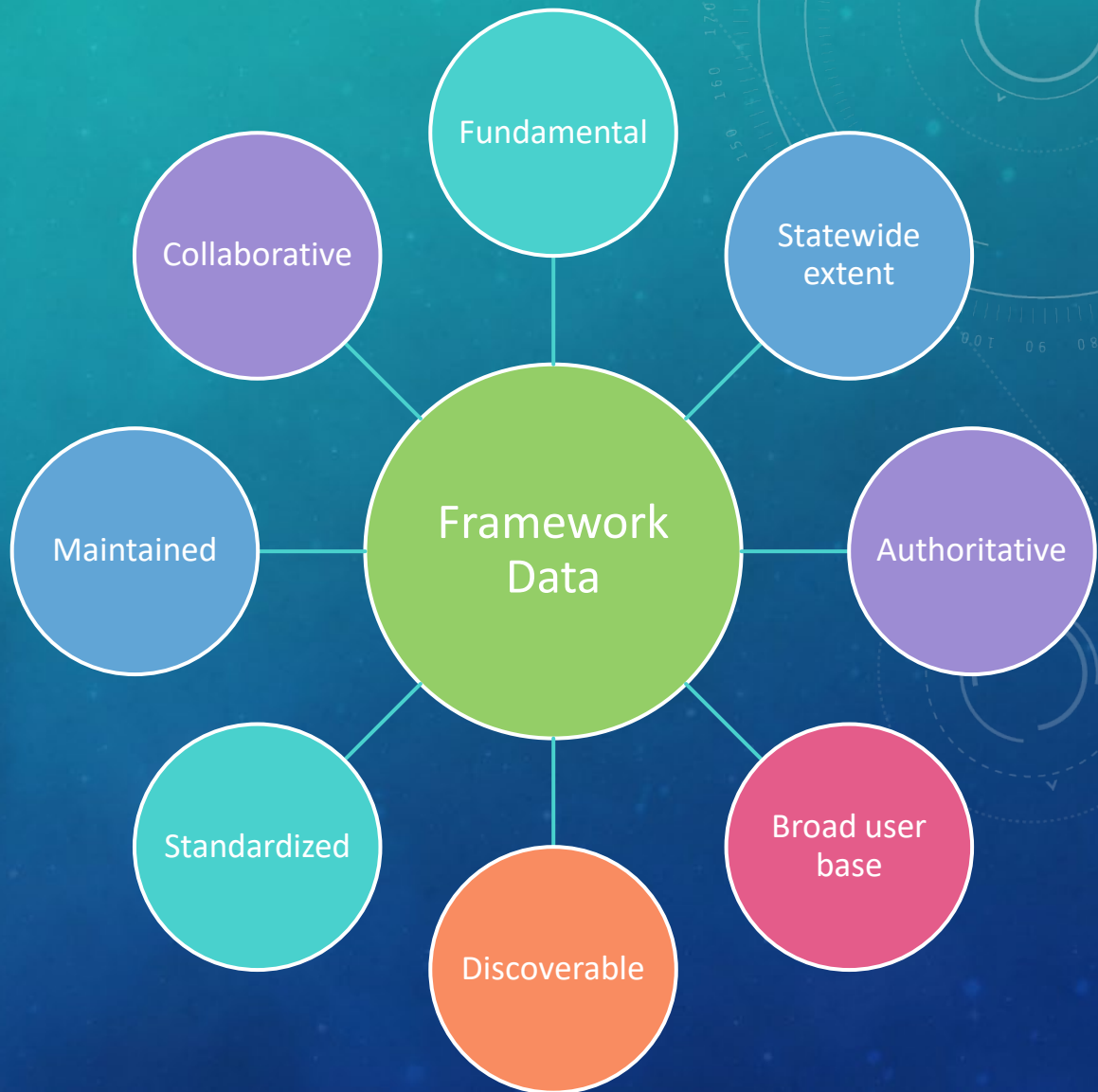- or –

- Required by legislative mandate

ADDITIONAL CHARACTERISTICS

- Developed to agreed upon data standards

- Shared appropriately/discoverable

- Of high quality given current resources

- 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

Fundamental

Statewide extent

Collaborative

Framework Data

Maintained

Authoritative

Standardized

Broad user base

Discoverable

FRAMEWORK DATA GOALS

All data elements have:

- OGIC-Endorsed Data Standard

- Identified Data Steward

- OGIC-Endorsed Stewardship Plan

All data elements published and publicly available.

ACCESS TO FRAMEWORK

DATA

- Oregon Spatial Data Library (OSDL)
- ArcGIS Online
- GEOHub Portal (future)

COMMUNITY

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