

Statewide Parcels for Oregon

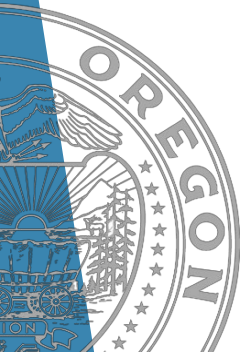
Oregon Geographic Information Council

October 25, 2023

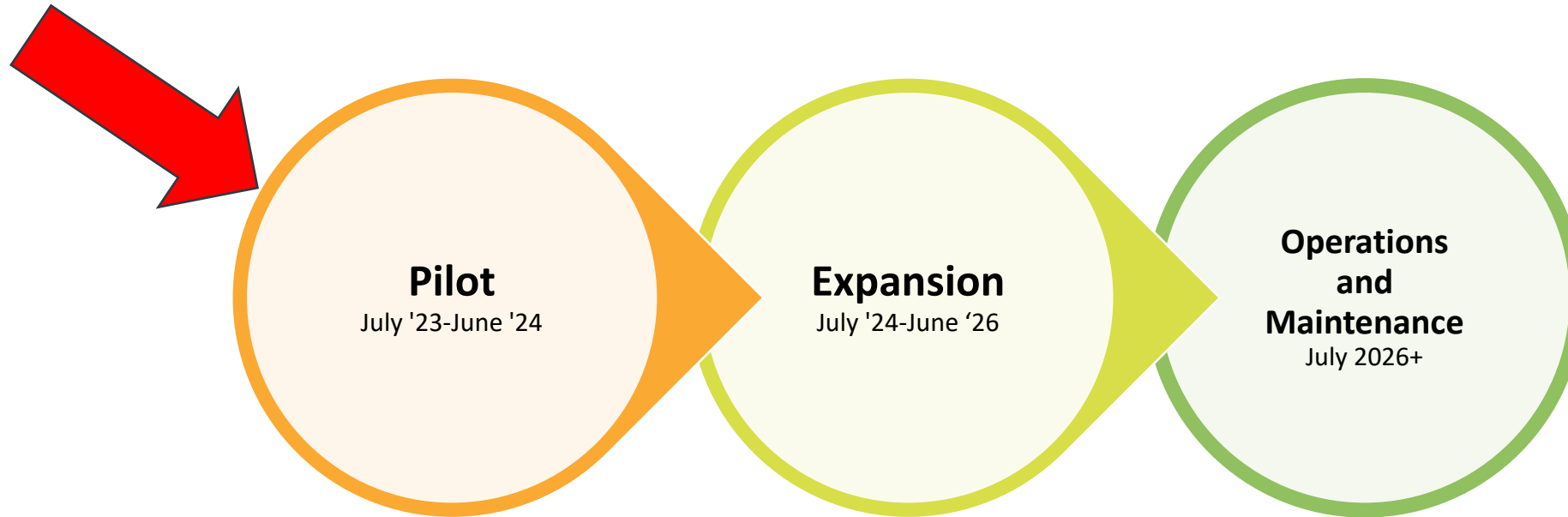


ENTERPRISE
information services

Pilot Goals and Objectives



This is an Initiative with three phases.



- Pilot period to support the creation of a long-term parcels program; five counties participating.

- Onboard additional counties to parcel data aggregation.

- All counties are contributing data to GEO for aggregation and distribution.



Pilot Projects are....

- ▶ A **STRATEGY** to develop a successful future project or program.
- ▶ A **TRIAL** to determine and test the processes, tools, and workflows needed for a larger implementation/version of the project.
- ▶ A **LEARNING** experience to enhance the knowledge, skills, and abilities of the project team.



Project Goals and Objectives

1. **Data Aggregation** of Local Gov't Geospatial Data
2. Publish a **Statewide Feature Service**
3. Create a parcel data **web viewer**
4. **Governance** for data QA/QC, error correction, aggregation and distribution of data
5. Improve the **relationship and collaboration** between GEO and local governments
6. Build the **internal capacity** to create data validation rules and QA/QC data; transform data; distribute data



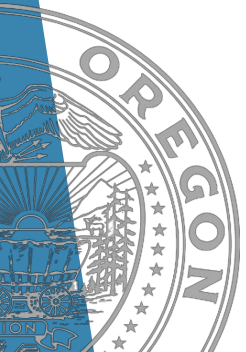
How is this different from current processes?

- ▶ Parcel linework and attributes published for consumption by all.
- ▶ Data aggregated into a statewide dataset for public distribution and use.
- ▶ Data updated regularly; instead of once a year for state agencies.

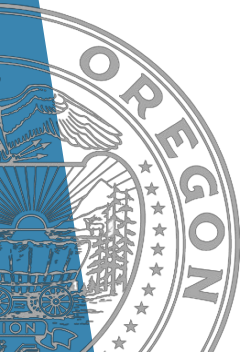


Project Benefits

- ▶ Removes existing data sharing agreements which hinder the State's ability to use the data as needed.
- ▶ Provides regularly updated data for all government services.
- ▶ Reduces data requests Counties must fulfill or address.
- ▶ Provides high-availability of data during times of high demand (ex. wildfires).
- ▶ Data validation/QAQC could help find errors and improve the quality of County data.
- ▶ County remains the authoritative source for parcel data.
- ▶ Modernizes and creates efficiencies for data delivery to the State.
- ▶ Develops a repeatable process, workflows, and governance that could be applied to other data created by local gov't.



Pilot Project Components and Team

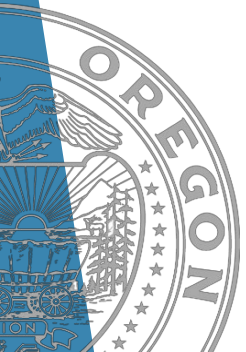


Project Components

Governance

- ▶ Determine data intake processes
- ▶ Determine data QA/QC and correction editing processes
- ▶ Determine data schema for publication
 - Address data and attribute sharing concerns and restrictions
 - Determine if multiple versions are needed
- ▶ Determine all products to be made available to public and/or public bodies
- ▶ Document all processes, procedures, decisions, contacts, etc...

Draft documents due **December 31, 2023**



Project Components

Data Intake / QAQC / Transformation

- ▶ Determine data QAQC and schema checks
- ▶ Create validation rules in 1Spatial
- ▶ Determine plan for unique id's for statewide dataset
 - ▶ Handling of multi-part polygons, water, ROW, multi-unit properties, etc.
- ▶ Determine data update processes to support regular/frequent updates
- ▶ Write ETL scripts, as needed, to support data aggregation or transformation to publishable version
- ▶ Create test scripts for testing phase
- ▶ Perform data testing for each county
- ▶ Aggregate data and publish

Data Intake, QAQC, Transformations and Testing due
March 31, 2024

Aggregated Data Published by
June 30, 2024



Project Components

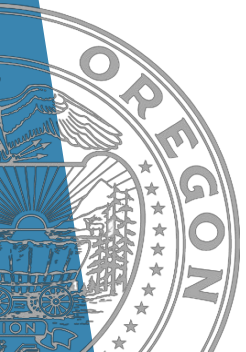
Communications

- ▶ Communication Plan / Strategy
- ▶ Project Page on GEOHub
- ▶ Project Fact Sheet
- ▶ Presentations to Stakeholders
- ▶ Web Viewer / App for Published Data

User Training / Onboarding

- ▶ Create User Training Materials
- ▶ Determine and Document a County Onboarding Procedure
- ▶ Training Webinar(s) / Recordings

Due March 31, 2024



Project Team

▶ Geospatial Enterprise Operations (GEO)

- Rachel Smith, GIO
- Tom Elder, Senior GIS Analyst
- Halley Schibel, Data Engineer
- Willow Crum, GIS Analyst
- Dave Mather, System Administrator
- Melissa Foltz, Geospatial Data Governance Coordinator
- Erik Brewster, Data and Operations Coordinator
- Project Manager - to be hired

▶ Dept. of Revenue

- Rebecca Hall, Cadastral Unit Manager
- Phil McClellan, ORMAP Project Coordinator
- Thom York, GIS/Database Administrator

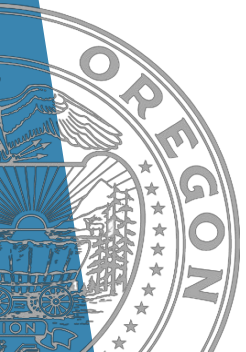
▶ Pilot Counties

- Yamhill
- Marion
- Baker
- Harney
- Washington

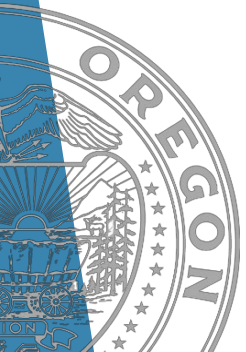


Stakeholders / Advisory Groups / Outreach

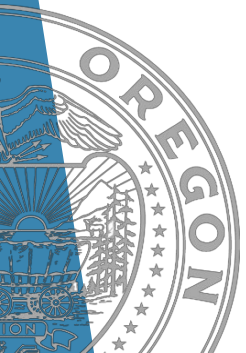
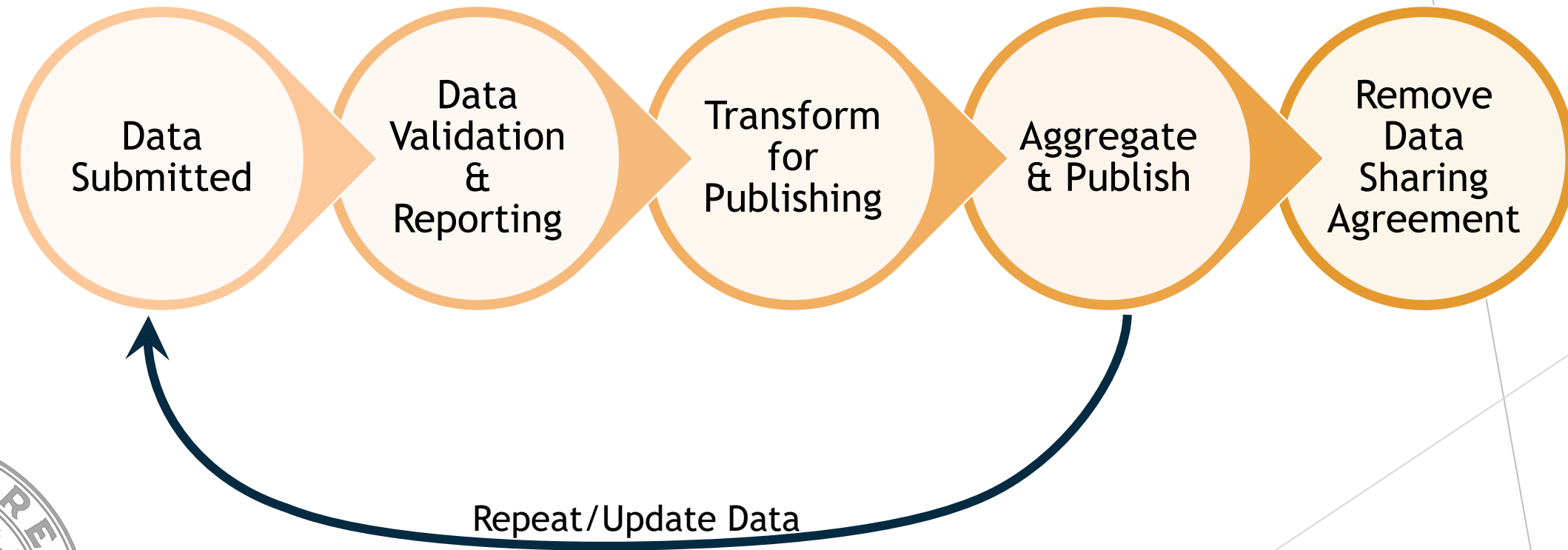
- ▶ GIS Program Leaders (GPL)
- ▶ OGIC Technical Advisory Committee (TAC)
- ▶ OGIC Policy Advisory Committee (PAC)
- ▶ Cadastral Framework Implementation Team (FIT)
- ▶ Oregon State Association of County Assessors (OSACA)
- ▶ Oregon Dept. of Revenue
- ▶ Metro, Other Regional Aggregators?



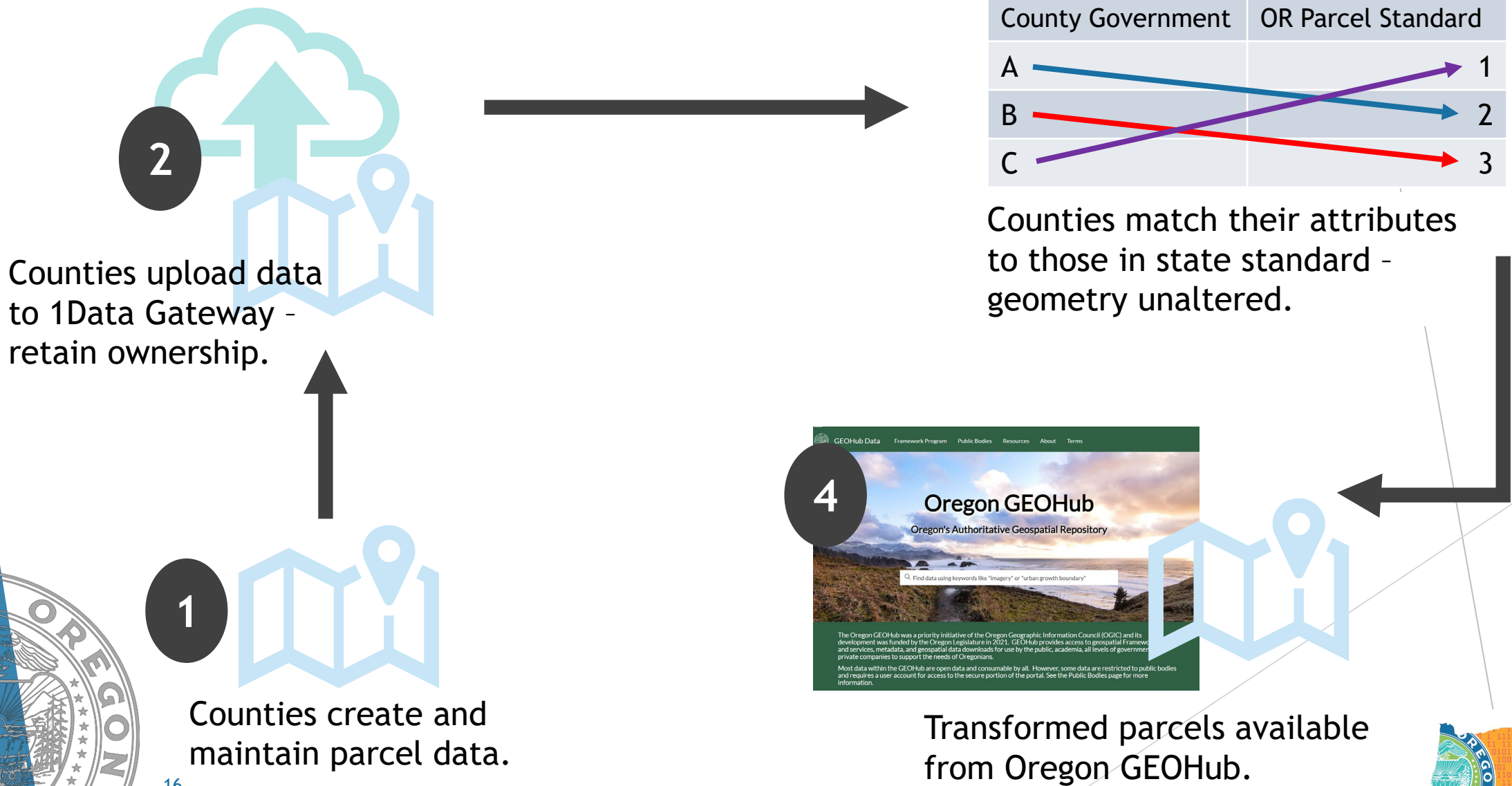
Introduction to 1Spatial



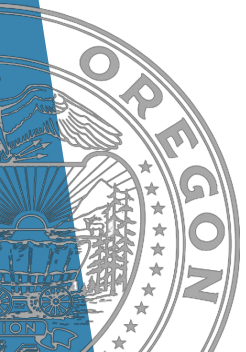
High-Level Process Overview



Parcel Processing Overview



Policy/Data Sharing Challenges



Policy / Data Sharing Challenges

- ▶ Real Property Table - contains owner information
 - Not PII by Statute or Exempt from Public Records
- ▶ Fees Charged by Counties
- ▶ Commercial Entities to Resell Data
- ▶ Data Quality Issues / Liability
- ▶ Data Standard as *Guidance* Document



Questions for OGIC



Questions for OGIC

- ▶ Project Update Frequency? Desired info?
- ▶ Data Sharing Consultation for ORS276A.509
 - Plan for counties in general; not ready for other datasets; county-by-county approach or consult per dataset.
 - Could begin with 5 pilot counties.
- ▶ OGIC consensus on data to be published
 - Include ownership information.



Questions?

Contact: rachel.l.smith@das.oregon.gov

