



OREGON GEOGRAPHIC INFORMATION COUNCIL

2021-23 DIRECTION

OREGON GEOGRAPHIC INFORMATION COUNCIL

OGIC is a statutory, multi-jurisdictional body that governs the collection, use and management of geospatial data

Association of Oregon Counties

League of Oregon Cities

Special Districts Association

County Assessors Association

Public Safety Answering Points

Regional Governments

Tribes

Federal Agencies

State Agencies

Legislature

Private Citizens

Non-profits

Public Universities

Public Utilities



OGIC VISION & MISSION

Vision

Authoritative, reliable geospatial data available and accessible when and where needed by Oregonians

Mission

Provide suitable access to accurate, authoritative and relevant geographic information and technology to support consistent government services across the state.



BUDGET REQUEST SUMMARY

OGIC requesting additional funds in 2021-23

- a) Secure portal for data sharing between public bodies, mandated by ORS 276A.500-515
- b) Three data development projects to validate portal and workflows
- c) Data management tools and governance processes

Budget package through DAS and State CIO for total of \$2,890,379

- Part of Chief Data Officer's Policy Option Package (POP)



EVALUATION PROJECTS

- Proposing wildfire response/recovery data development project to supply authoritative data to wildfire viewers/tools
- Proposing workforce partnership data development project to supply authoritative data to workforce viewer/tools, working with Oregon Workforce Partnership and Kaiser UniteUs
- Proposing statewide taxing districts data development project to improve elections administration, working with SOS State Elections Director and multiple stakeholders



MOTIVATION FOR STATUTORY AUTHORIZATION

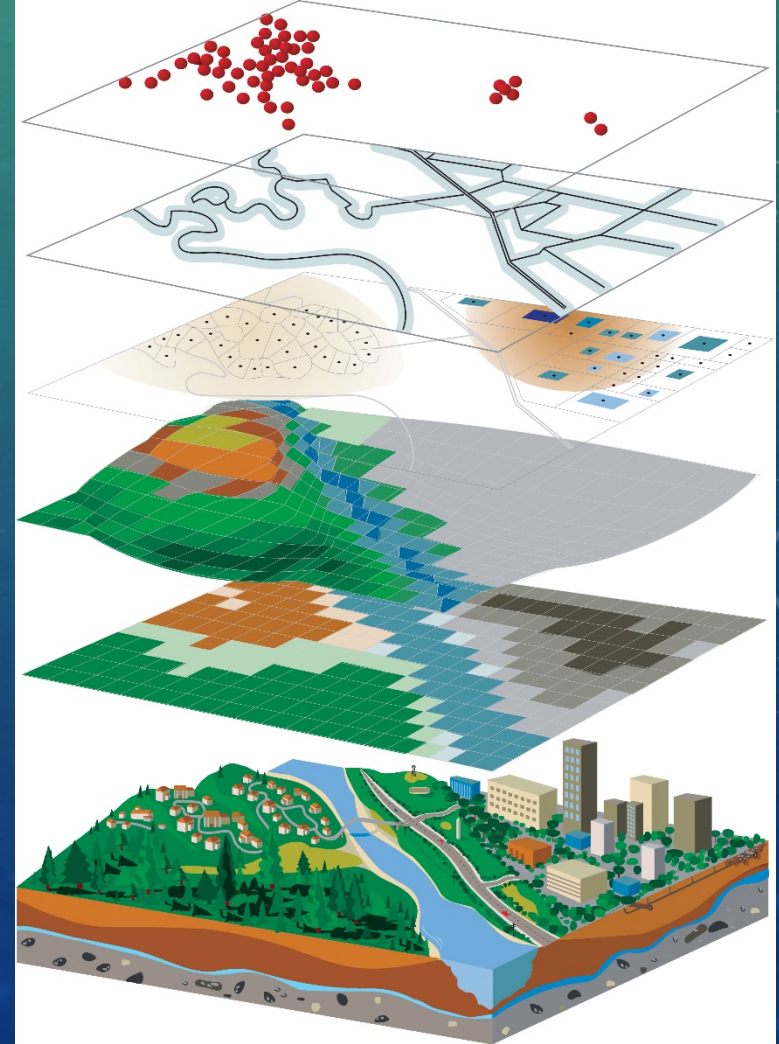
Reduce, and hopefully eliminate, redundant geospatial data collection and management across all the government silos

Mandates that all public bodies freely and securely share geospatial Framework data

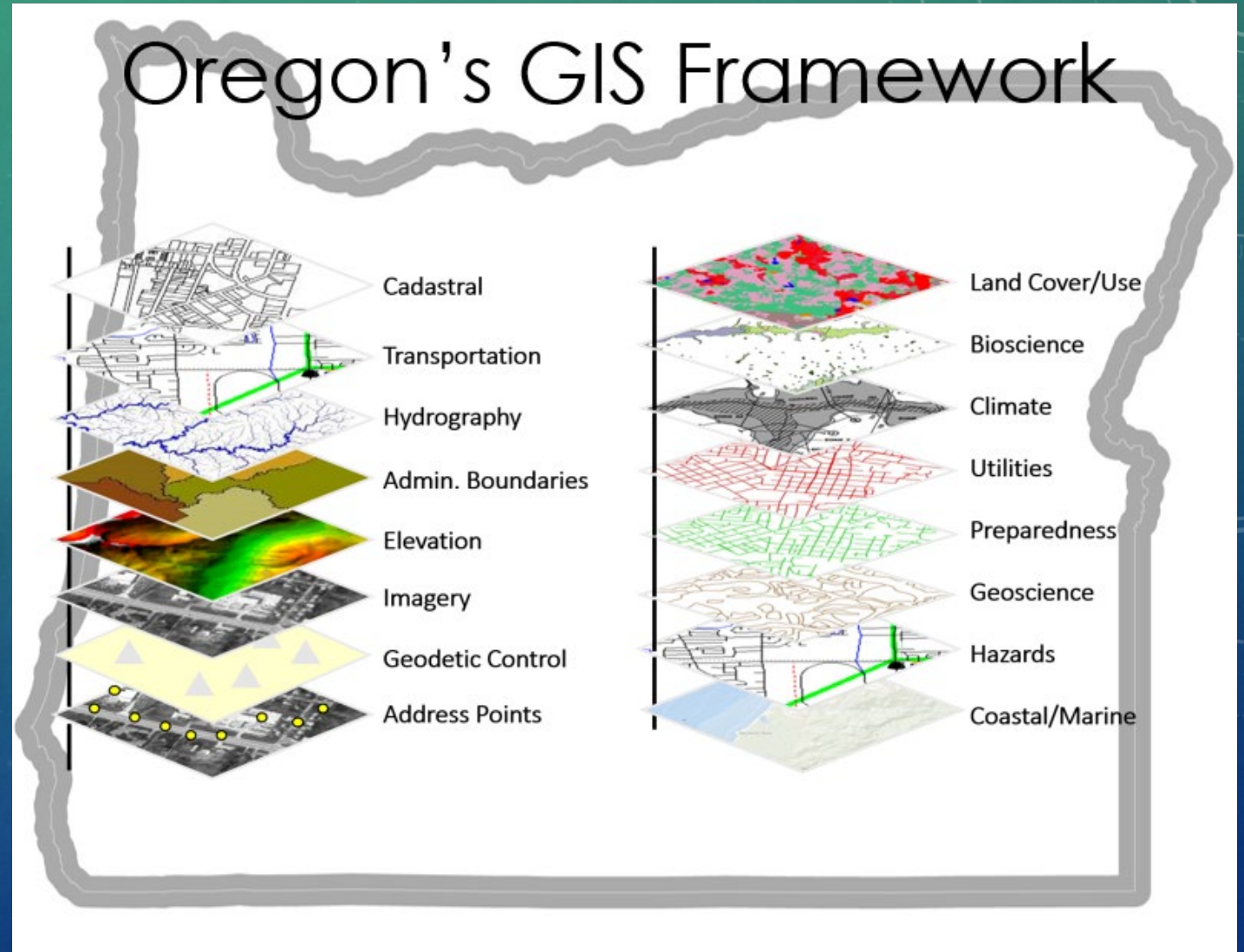
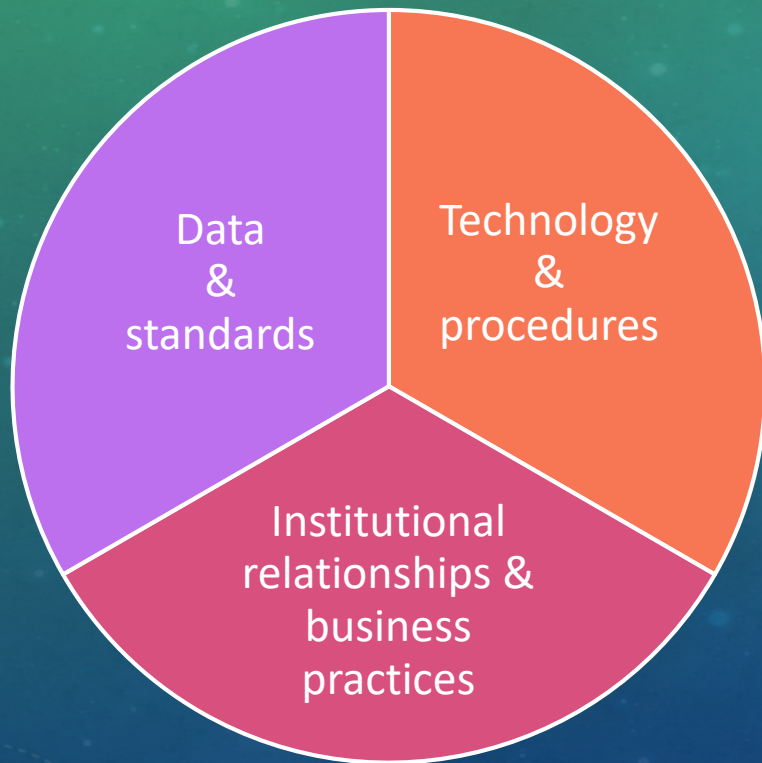


STATE SPATIAL DATA INFRASTRUCTURE

- We've been working toward development of a statewide spatial data infrastructure in Oregon for over 20 years
- Spatial data infrastructure is an integrated model of the real world, with data about natural and man-made features and their interrelationships
- Spatial data infrastructure is all about making data interoperable across agency and jurisdictional lines



STATE SPATIAL DATA INFRASTRUCTURE



STATE SPATIAL DATA INFRASTRUCTURE

Integrates Information Across the Enterprise



FRAMEWORK STORY MAP

The screenshot shows a web browser window displaying an ArcGIS Story Map. The browser's address bar shows the URL: <http://geo.maps.arcgis.com/apps/MapJournal/index.html?appid=843bd501dc874e21baddadbc658bdcd>. The browser's title bar reads "Oregon Framework Data". The browser's menu bar includes "File", "Edit", "View", "Favorites", "Tools", and "Help". The browser's address bar shows several tabs, including "The Nature of Geographic...", "Oregon State Library State...", "Home HIFLD Open Data", "Citrix XenApp", "GEO", "WorkFlowy", "Freedcamp Dashboard", "Tasks - V4 Web Transfer", "Web Slice Gallery", "Safari", and "Suggested Sites".

The Story Map content includes:

- A header with the text "A story map" and the Esri logo.
- A main title: "Oregon Framework Data".
- A paragraph: "For almost 15 years, the State of Oregon has employed collaborative methods to generate, maintain, and share geospatial data. These voluntary efforts form the Oregon GIS Framework Program. Through processes rooted in consensus, the program breaks down barriers that often divide government organizations and encourages different levels of government to engage with one another in meaningful ways."
- A section titled "In short, the Oregon GIS Framework Program seeks to:" followed by a numbered list:
 1. support multiple levels of government operations and functions through the creation of foundational and widely-used geospatial data
 2. develop the standards that govern the data's creation and exchange
 3. develop consensus for the data's maintenance or stewardship through stewardship plans
 4. share the data with the user community and public as dictated by the data use and access rules
- A section titled "Public Safety" with a blue double-chevron icon below it.
- A large image collage on the right side of the page. The collage features a red barn, a red biplane, a helicopter, a waterfall, and a grid of various GIS maps. The text "Oregon Framework" is overlaid on the collage.

<http://arcg.is/1Yf7fCy>

SUMMARY – ELECTIONS ADMINISTRATION

Proposing statewide taxing districts data development project to improve elections administration

Taxing districts boundary creation process developed last year by LCOG

Plan to test and refine process in three parts of the state

- Where district boundaries exist, in 2 contiguous counties
- Where no boundaries exist in one county
- Validate creation of city limits where ODOT and LCOG have already created those boundaries

SUMMARY – ELECTIONS ADMINISTRATION

Areas to be chosen based on population, geographical diversity, and data availability, with the mix including a more urban county, a suburban county and a rural county

Use taxing districts data to improve elections administration

- Connect existing address point data to completed district boundaries data
- Geocode elections data based on voter addresses
- Validate elections address data for completeness & spatial accuracy
- Report elections data by district
- Compare new data to existing elections data and evaluate results



AVOID LOCATION ERRORS

Election errors can lead to lengthy legal processes and costly do-overs. Modern GIS technology transforms voter lists into geospatial pinpoints, and ensures that voters and candidates are placed in the right precinct.



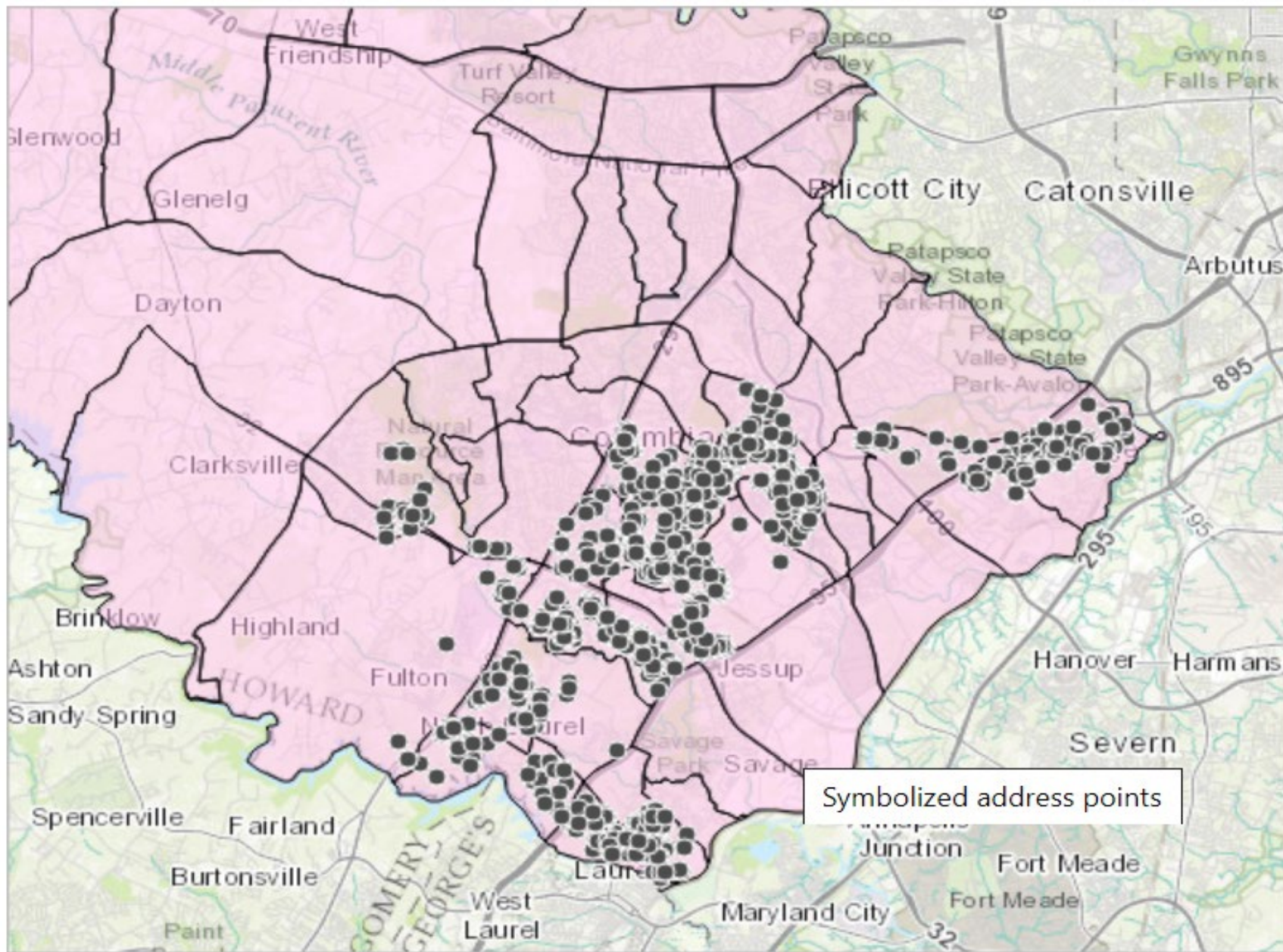
MAKE REVIEWS EASY

Geospatial data made visual on a map are much easier to check for accuracy than lengthy voter address lists. The same technology used to locate a restaurant can make quality control of voter lists, and district updates, easier.



BOOST VOTER CONFIDENCE

When fewer errors are reported after an election, voters' confidence that their voices are being heard increases, and their faith in the democratic system is strengthened.



Symbolized address points

TAXING DISTRICTS FOR ELECTIONS PURPOSES

- Determine which ballot style is appropriate for a voter depending on the districts in which their address lies
- Determine if the voter lives within the affected district(s) in order to know whether we can consider their petition signature
- Minimize precinct splits with regard to districts, taxing or otherwise, when redrawing precincts after 2020 legislative redistricting
- Managing the complexity of validating candidate residency, particularly related to zones in school districts and community college districts.
- Accurately describe and locate a surveyed property within the correct taxing districts for land record functions.

SUMMARY – WORKFORCE PARTNERSHIPS

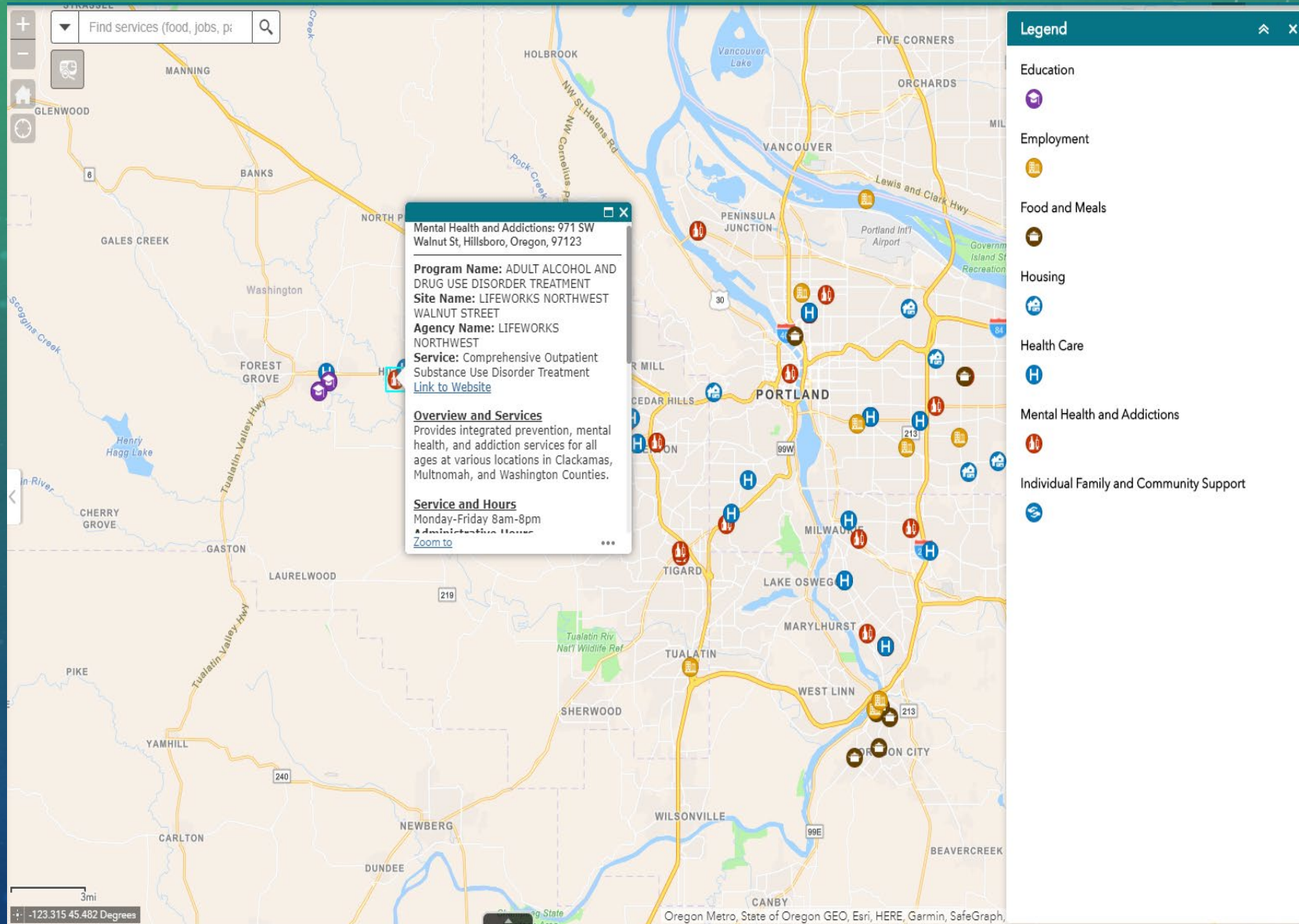
Propose workforce partnerships data development project to support more coordinated response among providers to meet client needs

Intent is to ensure that workforce providers have pertinent data available to consume by an existing workforce application

- Will work closely with workforce stakeholders, including Oregon Workforce Partners and Kaiser's UniteUs (app developer)
- Will likely get some data from Oregon 211 organization
- Will test in at least three areas – urban, suburban, rural
- Will likely develop some data where none exists

WORKFORCE COMMON OPERATING PICTURE

PROOF OF CONCEPT



WORKFORCE COMMON OPERATING PICTURE

PROOF OF CONCEPT

Community Resources Pilot
Multnomah County

Streets Aerial Topo

CFAR - Sequencing-Treatment for Youth Substance Abuse and Depression

Address: 729 NE Oregon Street, Suite 150

Description: Free outpatient family and group counseling for youth ages Professional counseling for all ages. Counseling for individuals, couples and families. Typical issues are abuse, anger, anxiety, behavioral, grief, depression, self-esteem, sexuality and stress. Pre-ma

Hours: Monday-Friday 8am-5:30pm, Friday 9am-5pm

<http://www.ori.org/CFAR/Portland>

Find an address

Locations found: 4

- 800 NE Oregon St, Portland, OR, 97232
Score: 89
- 806 NE Oregon St, Portland, OR, 97232
Score: 67
- 698 NE Oregon St, Portland, OR, 97232
Score: 66
- 598 NE Oregon St, Portland, OR, 97232
Score: 65

Done Internet 100%

SUMMARY – WILDFIRE RESPONSE/RECOVERY

Proposing wildfire data development project to support wildfire response and recovery

Intent is to ensure coordinated development of pertinent wildfire data to be consumed by existing wildfire viewers and applications

- Will work closely with stakeholders to determine data needs
- Will fund stakeholders to develop needed data
- May develop some data in certain areas if stakeholders indicate need
- Will work with stakeholders to ensure data is accessible and consumable by wildfire viewers, applications and users