Washington State Broadband Office

State Broadband Update

Peninsula Regional Transportation Planning Organization (PRTPO)
Executive Board Meeting

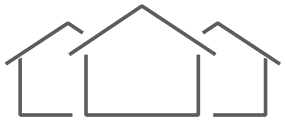
Russ Elliott

DIRECTOR, WASHINGTON STATE BROADBAND OFFICE

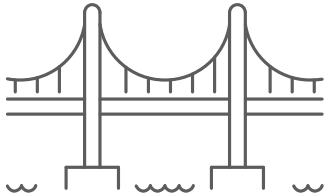
MAY 18, 2021

Washington State Department of Commerce

We strengthen communities



HOUSING HOMELESSNESS



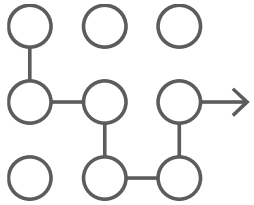
INFRASTRUCTURE



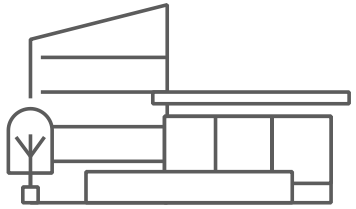
BUSINESS ASSISTANCE



ENERGY



PLANNING



COMMUNITY FACILITIES

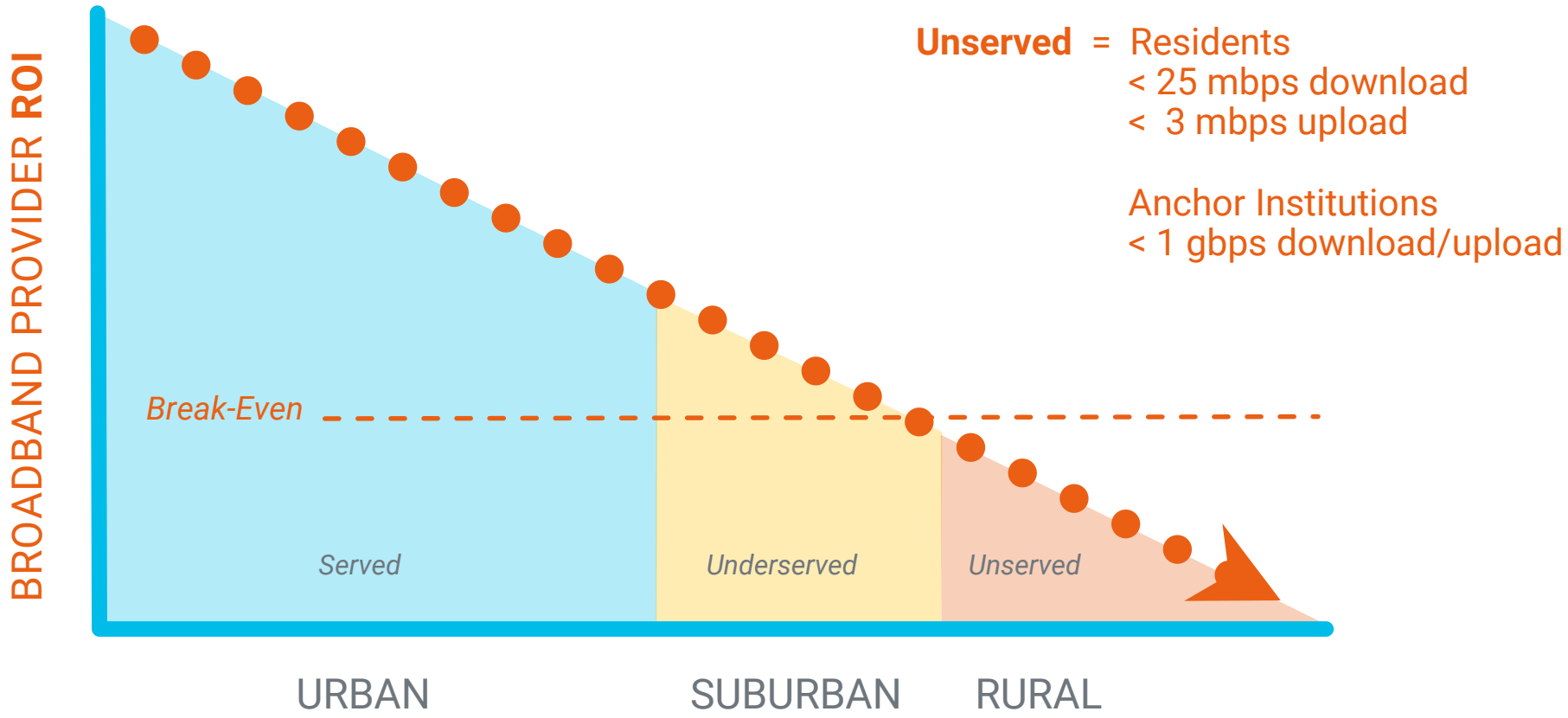


CRIME VICTIMS & PUBLIC SAFETY



COMMUNITY SERVICES

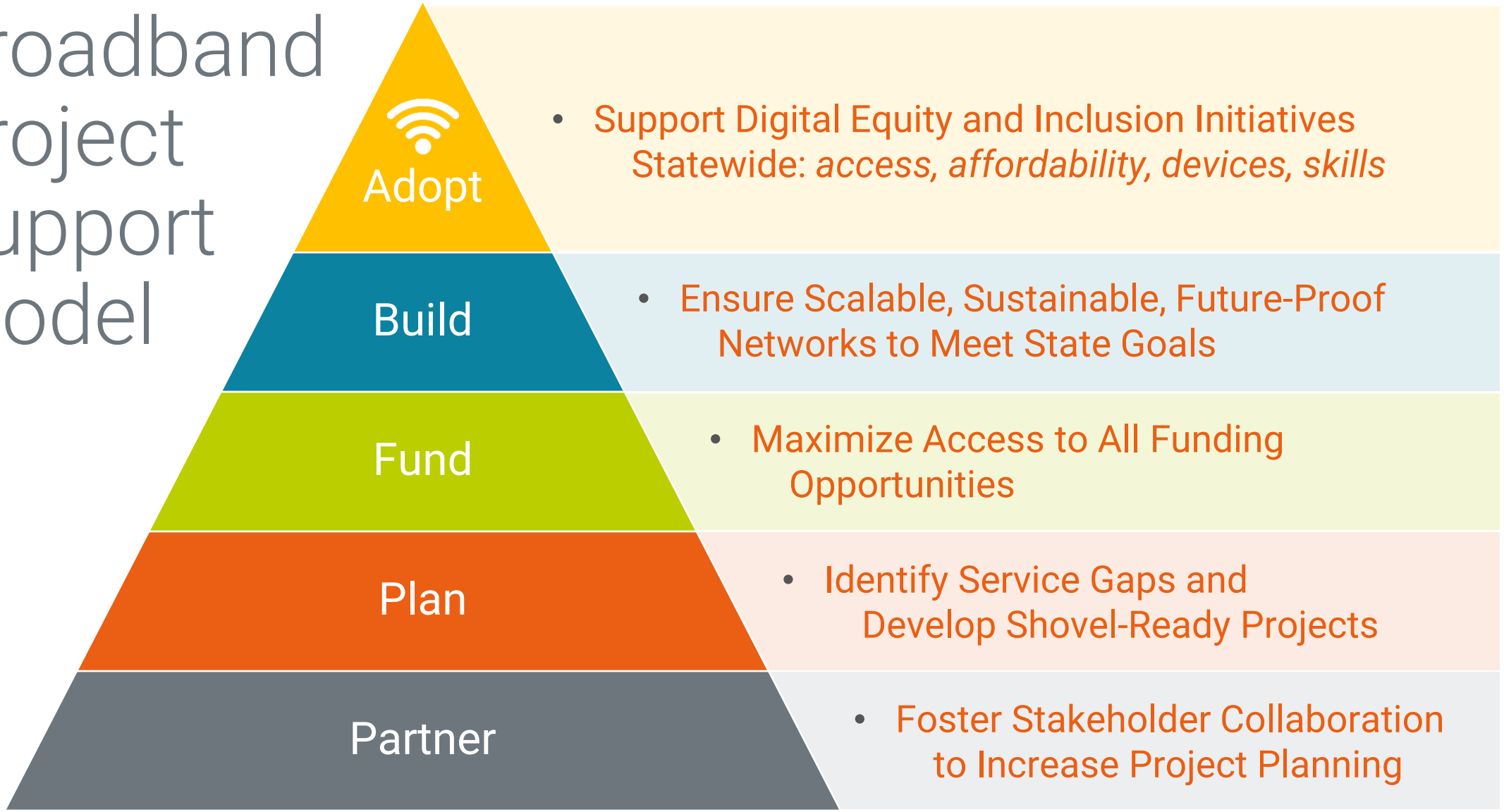
The Broadband Delivery Challenge



Unserved = Residents
< 25 mbps download
< 3 mbps upload

Anchor Institutions
< 1 gbps download/upload

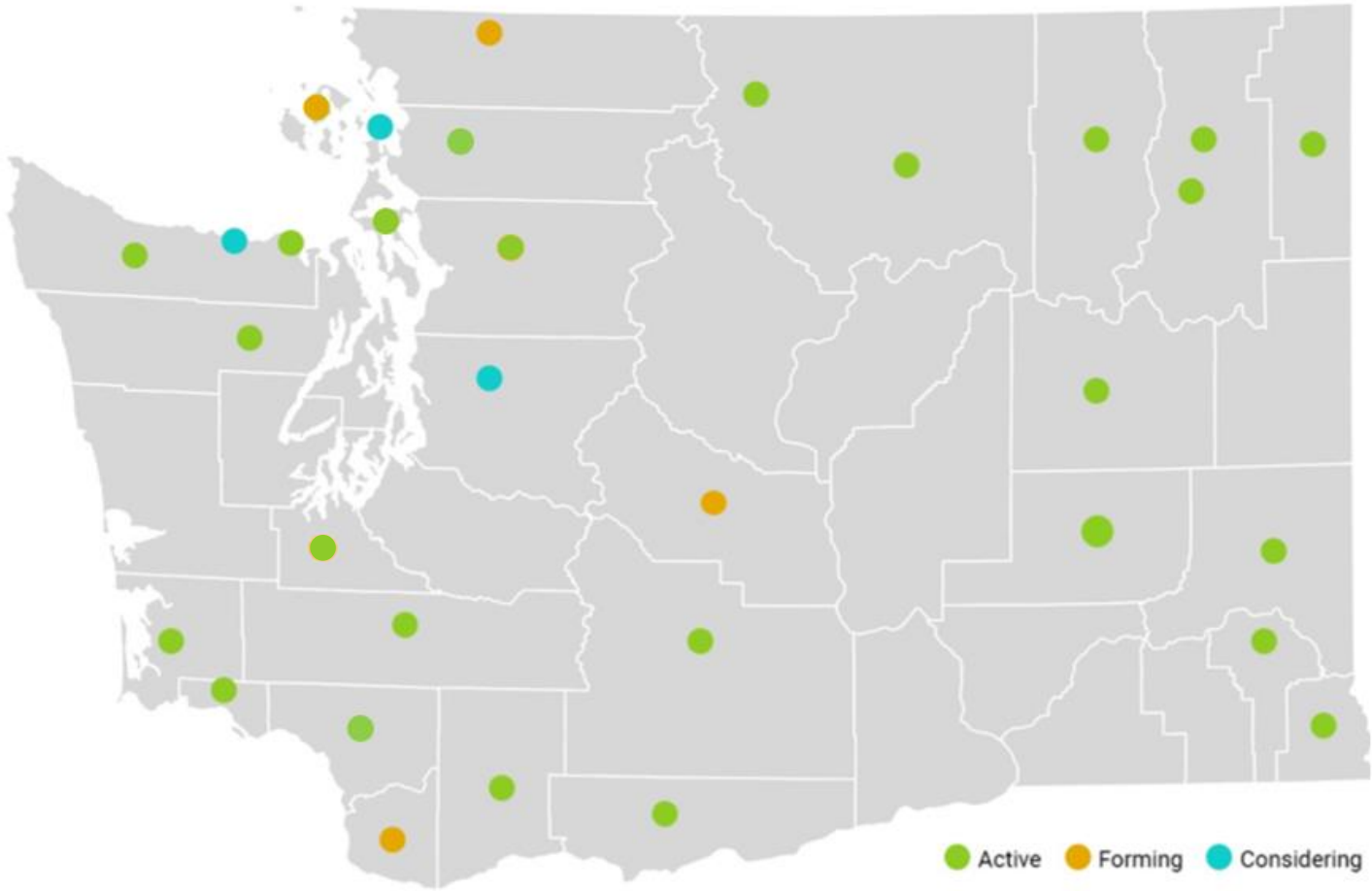
Broadband Project Support Model



Partner Foster Stakeholder Collaboration to Increase Project Planning

Broadband Action Teams

- Currently 32 Teams
- Promote **participation** in State Broadband Survey
- Identify **public-private** partnerships
- Identify **shovel-ready** projects
- Connect projects to **funding** opportunities



Plan Identify Service Gaps and Develop Shovel-Ready Projects

Broadband State and County Dashboards

Download

• No Service	5.9%
•0-10 Mbps	39.8%
•10-25 Mbps	18.6%
•25-150 Mbps	29.7%
•150+ Mbps	6.0%

Upload

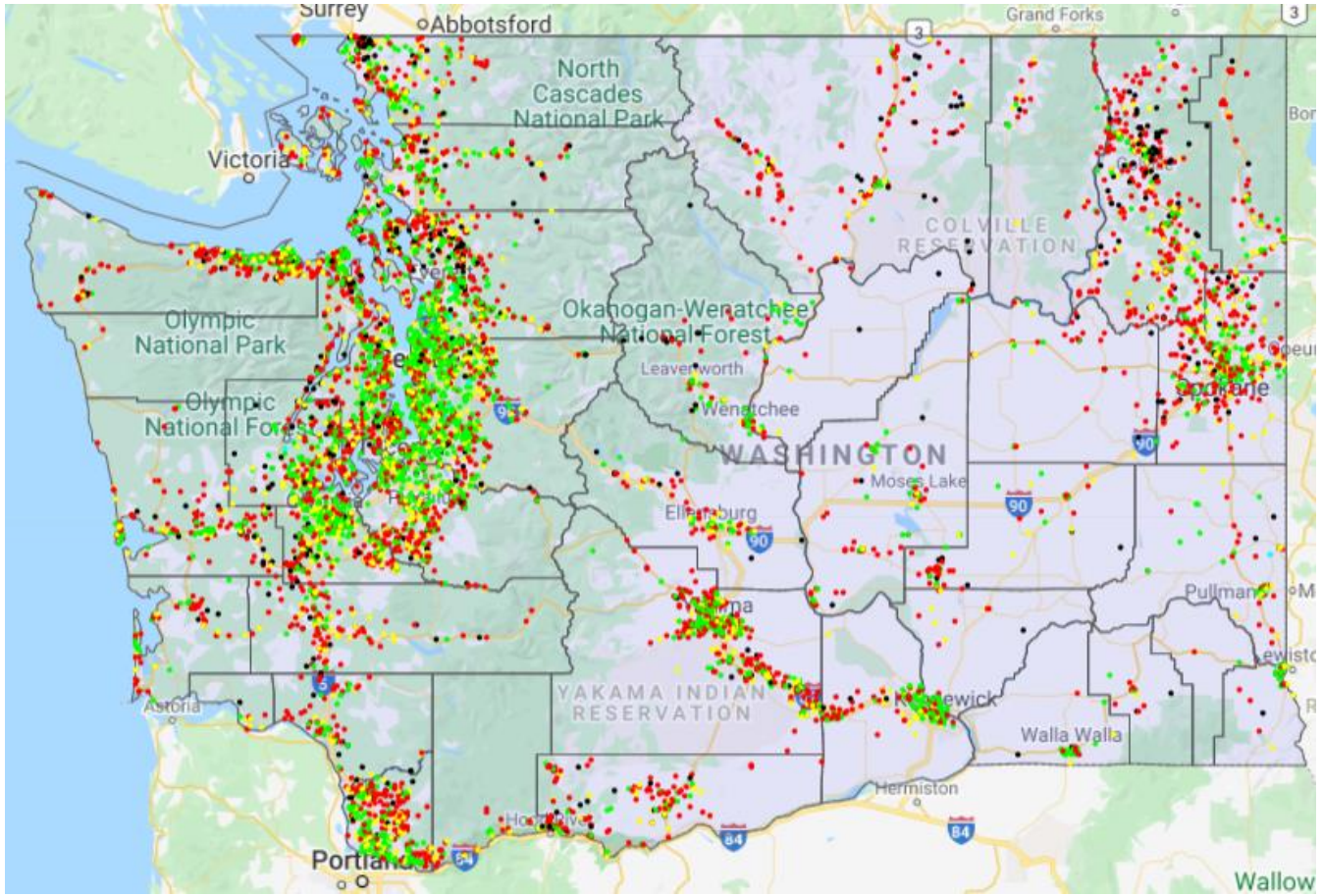
No Service	5.9%
<3 Mbps	42.3%
3-10 Mbps	30.1%
10-25 Mbps	15.7%
25-150 Mbps	5.1%
> 150 Mbps	0.9%

Households	2,885,677
Population	6,724,540
Test locations	38,043
Total Tests	49,573

Reasons for No Service

Respondents can select all that apply

Too Expensive	17.17%
Not Available	91.02%
Use Public	0.16%
No Computer	1.64%
Don't Know How Internet	1.56%
Don`t Know How Computer	0.47%
Don't Need	0.23%
Privacy	0.16%
Physical Issues	0.08%

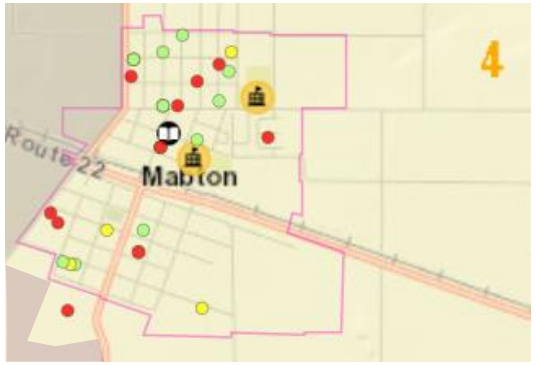


Plan State Broadband MAP LAYERS

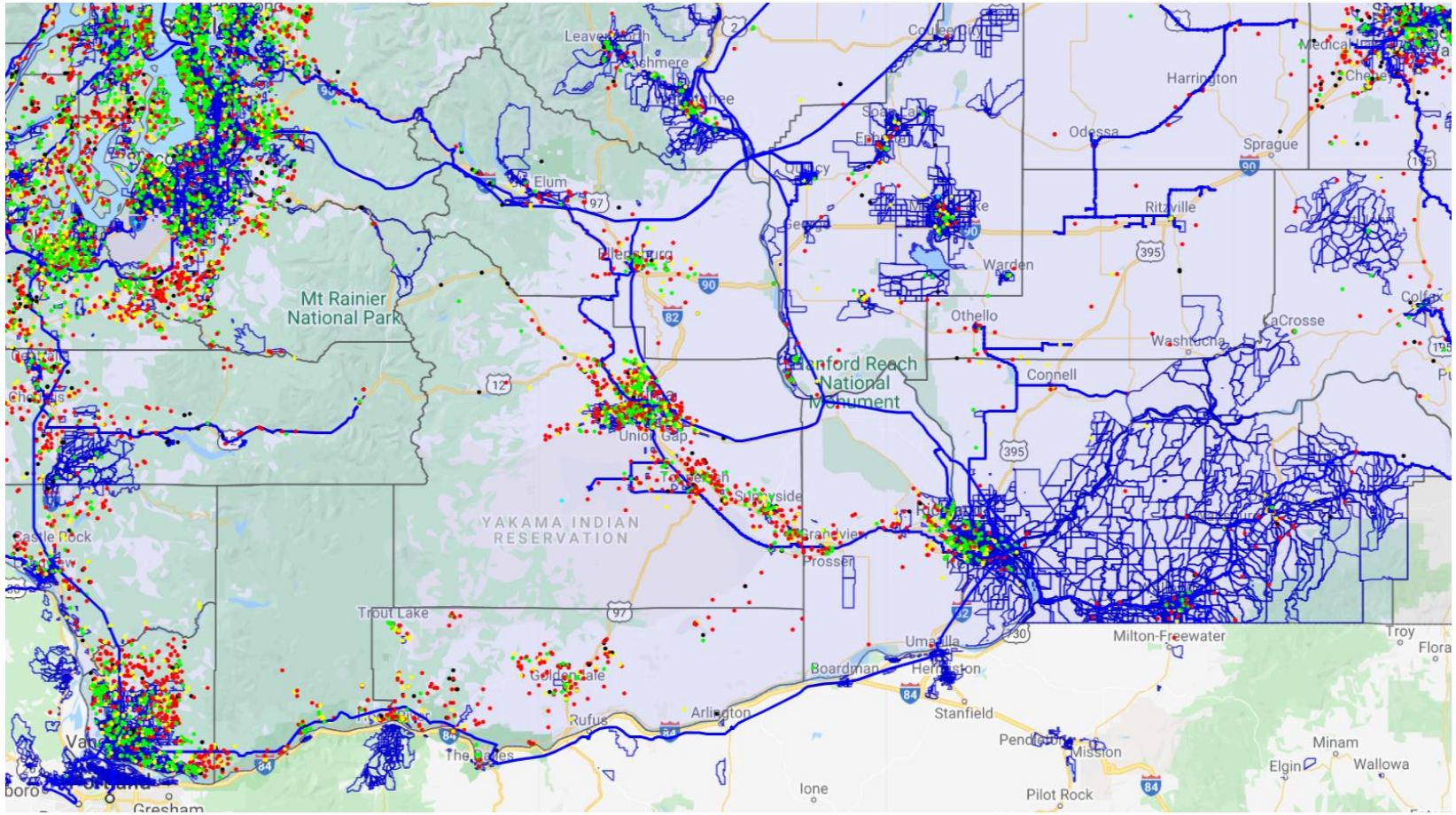
Speeds

Up/Down/Ping/Jitter/
Provider/Service type/Fee

Fiber Routes



City Limits, Leg. Districts,
County Boundaries,
Tribal Lands, DNR Towers,
RDOF, CAFII, Schools, Libraries



Plan "Shovel-Ready" Projects

Project Name (Unserved)	Project Location	Project Cost	Number of Locations Served	Cost per Location	Can be Started By	Can be Completed By 12/31/24	Funds to Contribute (Y/N)

- **Demonstrated Unserved** (State Map)
- **Committed Build Partner**
- **A Plan**, including
  - Total Project Costs
  - Future-Proof Infrastructure
  - Logistics
  - Timing
  - Pricing Strategy
  - Sustainable Business Model

- **ARPA Funding**
  - Complete by 12/31/24
- **Preferred**
  - Rights-Of-Way
  - Permits Executed
  - Low-Income Program Service Options (ex. Lifeline)
  - Start Project within 6-12 Months

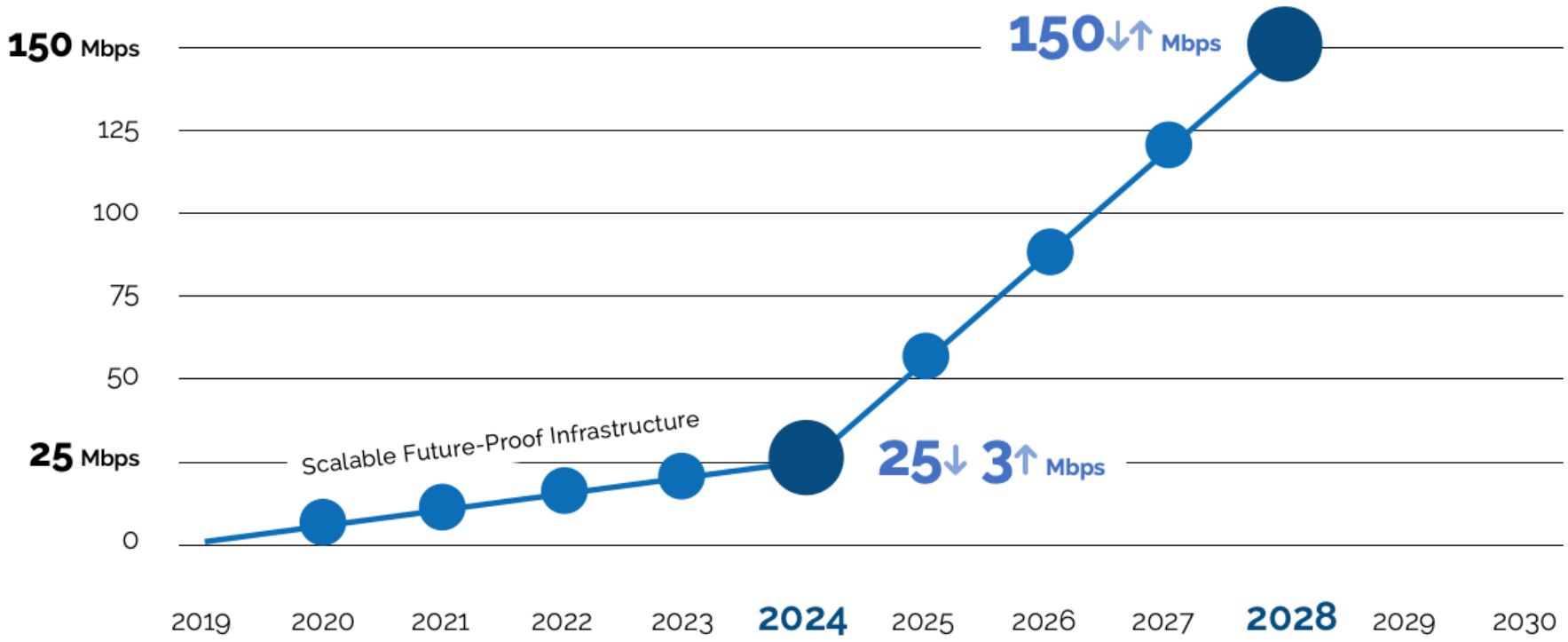


Fund Maximize Access to All Funding Opportunities

- USDA
  - **ReConnect $600M**
  - USDA Community Connect $35M
  - USDA Distance Learning and Telemedicine Grants $43M
  - USDA Rural Broadband Program $29M
  - USDA Rural Telecommunications Infrastructure Loans $690M
- NTIA $300M
- NTIA Tribal Broadband $1B
- American Rescue Plan Act (ARPA) WA $7.1B (Not broadband specific)
- Coronavirus Capital Projects Fund Proposed $10B
- FCC
  - FCC Rural Digital Opportunity Fund $20B
  - FCC Connected Care $100M
  - FCC COVID Telehealth $200M
  - FCC E-Rate $4B
  - FCC Connect America Fund $1B
  - FCC Rural Healthcare Program $571M
  - FCC Lifeline Program $2B
- USDOT BUILD Grant $1B
- Institute of Museum and Library Services Library and Tribal Grants
- Department of Interior National Tribal Broadband Grant (NTBG) $1M
- Economic Development Administration $1B
- Accessible Affordable Internet for All Act
  Proposed $94B, $6B enhances EBB Program
- State:
  - WSBO $326M
  - PWB $60M
  - CERB $25M

Build

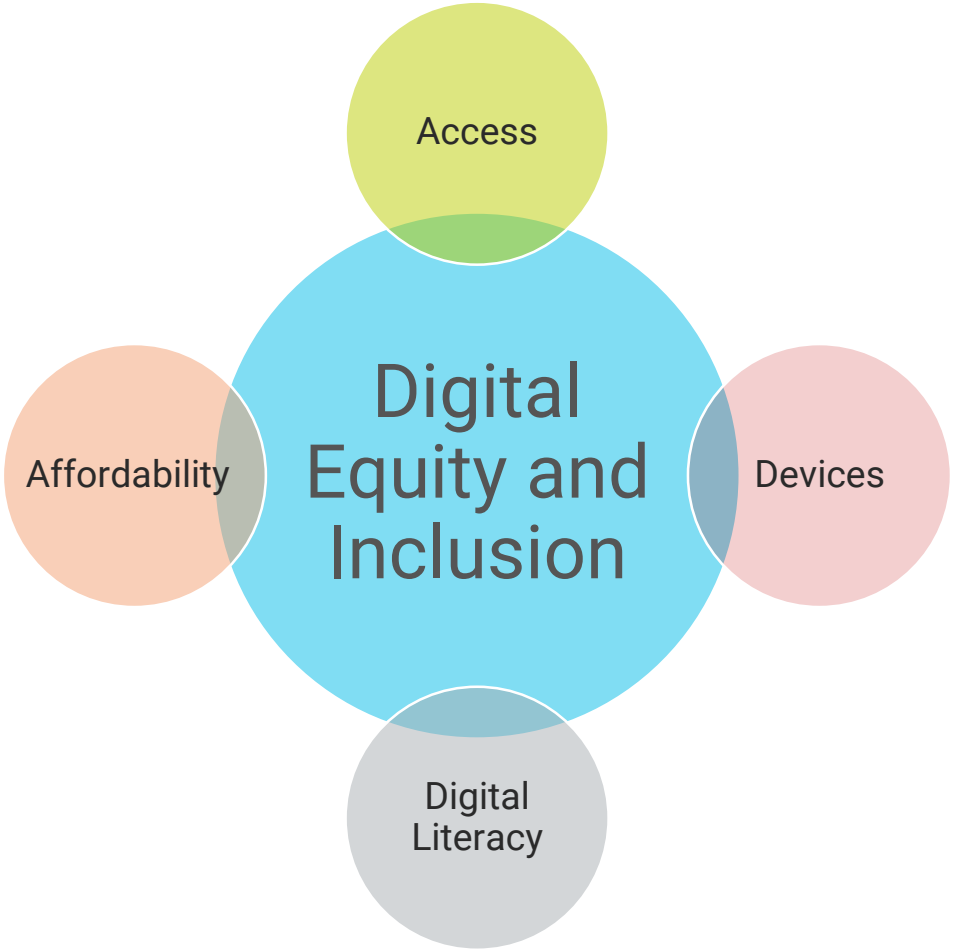
Ensure Scalable, Sustainable, Future-Proof Networks to Meet State Goals



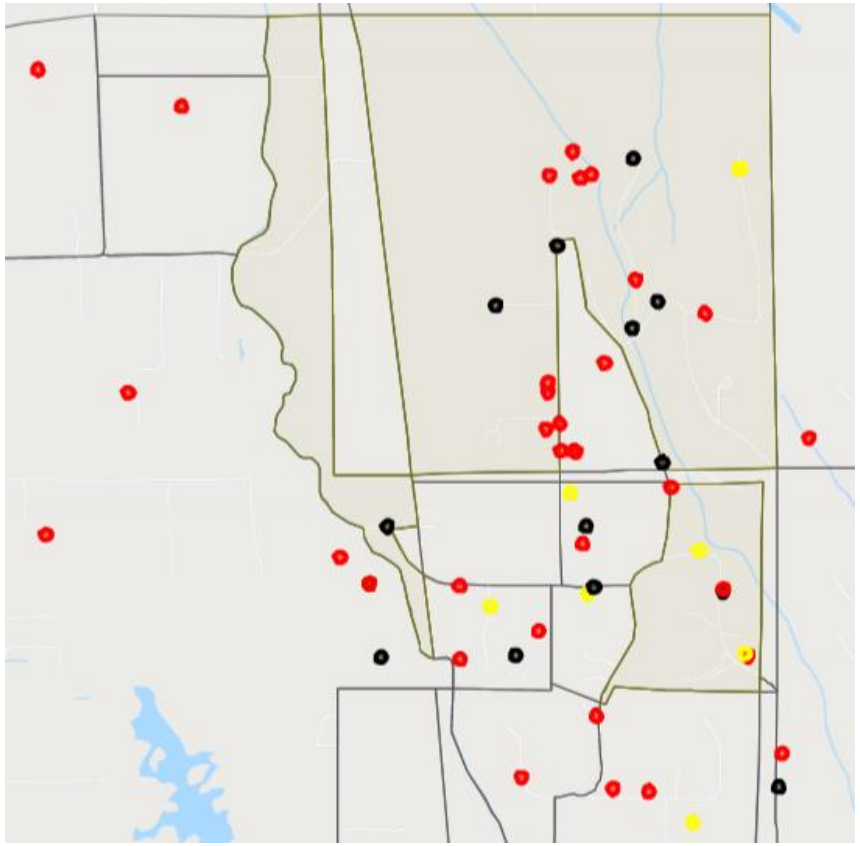
- 884,000 homes without fiber Est. $2.5+B
- **Anchor Institutions 1/1 Gbps by 2026**

Adopt Support Digital Equity and Inclusion Initiatives Statewide

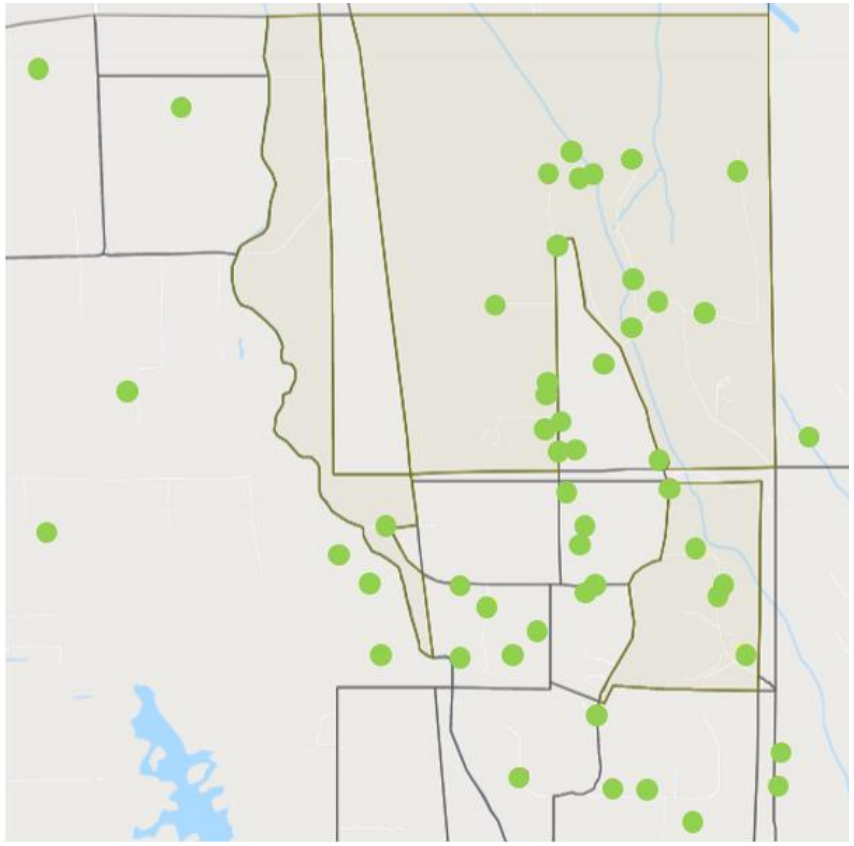
- Policy guidance and centralized coordination with statewide DEI initiatives
  Equity in Education Coalition, Human Centered Design Committee, DSHS, DOH, ESD, DCYF, State Board of Community and Technical Colleges, Health Care Authority, Digital Equity Taskforce, Poverty Reduction Work Group, Native Digital Equity Coalition, Remote Learning Taskforce, OSPI, Seattle Digital Equity, All In Washington, Washington State University, Washington State Library | SOS, Digital Navigators
- $3.2B 2021 FCC Emergency Broadband Benefit Program
- $5M for broadband equity and affordability grants
- $7.5M to provide grants to entities that provide digital navigator services, devices, and subscriptions



How Do We Measure Success?



Before / After

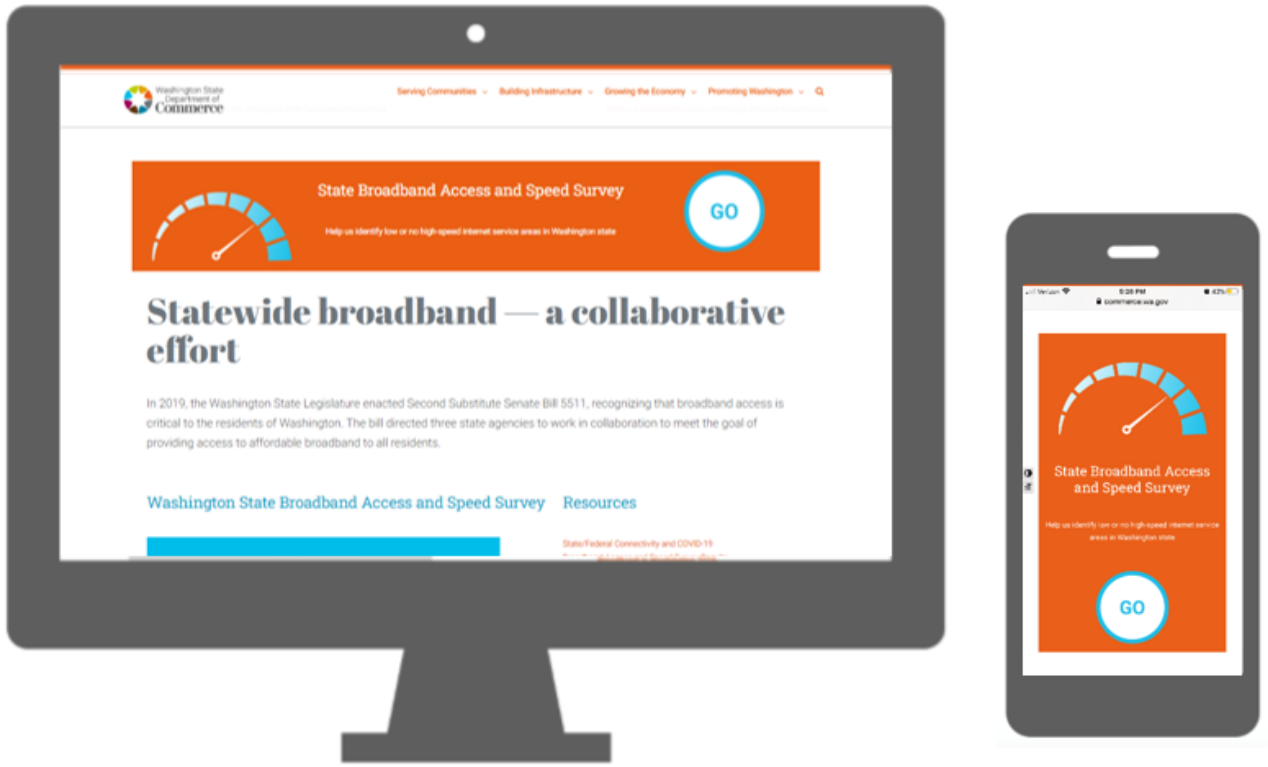


2020: Black - No Service Red < 10 Mbps Yellow < 25 Mbps

2024: Green > 25 Mbps Scalable to 2028: 150/150 Mbps

Next Steps

- Promote **ongoing** participation in State Broadband Access and Speed Survey at **broadband.wa.gov**
- Identify and develop **shovel-ready projects** for **funding applications**



“What gets measured gets done!” Thank you.

Washington State Department of Commerce

www.commerce.wa.gov

Russ Elliott
DIRECTOR, WASHINGTON STATE BROADBAND OFFICE
Russ.Elliott@commerce.wa.gov
564.999.0326