

Session 1: Tues., June 18, 2024, 12:00 pm
Session 2: Friday, June 21, 2024, 07:30 am



Equity Advisory Group – Equity Lens Session

Washington Clean Energy Future

Customer Benefit Indicators

June 2024

| <https://www.myavista.com/ceta>



Introductions & Agenda

Topic	Topic Owner
Welcome, introductions overview of the meeting: rules and intent	Amber Lenhart
Partner Shares	Partners
Spokane Urban Forestry	City of Spokane Parks and Recreation
CBIs Activity and Discussion	Amber Lenhart
Proposed Avista Next Steps	Amber Lenhart
Wrap-up and Adjourn	Dan Blazquez

Guest Introductions

- Name
- Pronouns
- Organization or community



Today's Equity Advisory Group (EAG) Meeting

Equity Lens Session June 2024

Resource Selection
CBI prep with Integrated
Resource Plan



EAG Equity Lens Session Meeting Goals:

1. Review and share Tree Canopy program updates with Avista Communities
2. Revisit Customer Benefit Indicators (CBIs) to answer the question:

Is Avista tracking the right indicators to know if our communities are benefiting equitably from the impacts of the WA Clean Energy Transformation Act?

Rules for Engagement



- Encouraged to actively participate in discussions
- Each member will be provided time to speak
- Healthy and civil debate is encouraged
- Members should be open to new ideas and concepts
- Respectful of differing opinions
- Collectively, the group should strive to align varying options (e.g., identify shared goals for different perspectives)

Partner Shares

- ❑ Upcoming relevant community events or opportunities
- ❑ Pressing issues facing our community or a need someone might be able to address
- ❑ Challenges your organization is facing (especially around equity)





Spokane Urban Forestry

City of Spokane Parks and Recreation Assistant Director of Natural Resources **Angel Spell**
City of Spokane Parks and Recreation Urban Forester **Katie Kosanke**



SPOKANE URBAN FORESTRY



**A Program of Parks & Recreation
Natural Resources Section**



What does Spokane Urban Forestry do?

Create a diverse, healthy, and accessible urban tree canopy for the benefit of Spokane's citizens through quality planting, protection, and stewardship of public and street trees.



What does Spokane Urban Forestry do?

SpoCanopy
Neighborhood Tree
Program

Events
Education
Neighborhood
Councils

Friends of...
Non-profit Orgs
Gov't Agencies

Development
Plan Review
Street Tree
Permits

Spokane Community

City of Spokane

Parks & Rec

Inter-Fund
Consultation
Stewardship Services

Construction Projects
Plan Review
Protection
Permitting

Construction Projects
Site Plan Review
Tree Protection Plans
Permitting

Stewardship
Protection
Planting
Pruning
Removal

Tree Inventory Asset Management

110,040 – Public Trees (Street Trees and Park Trees)

Previous Inventory Program

- Limited number of users
- Not user friendly
- Limited off-line use

NEW Software, Tree Plotter

- Intuitive and simple to add and update records
- Report generator / data sorting
- Highly customizable
- Easy to use on mobile devices, unlimited users
- Partners can access and create reports without compromising the integrity of the data

Tree Plotter Uses & Features

Tree Equity Spokane

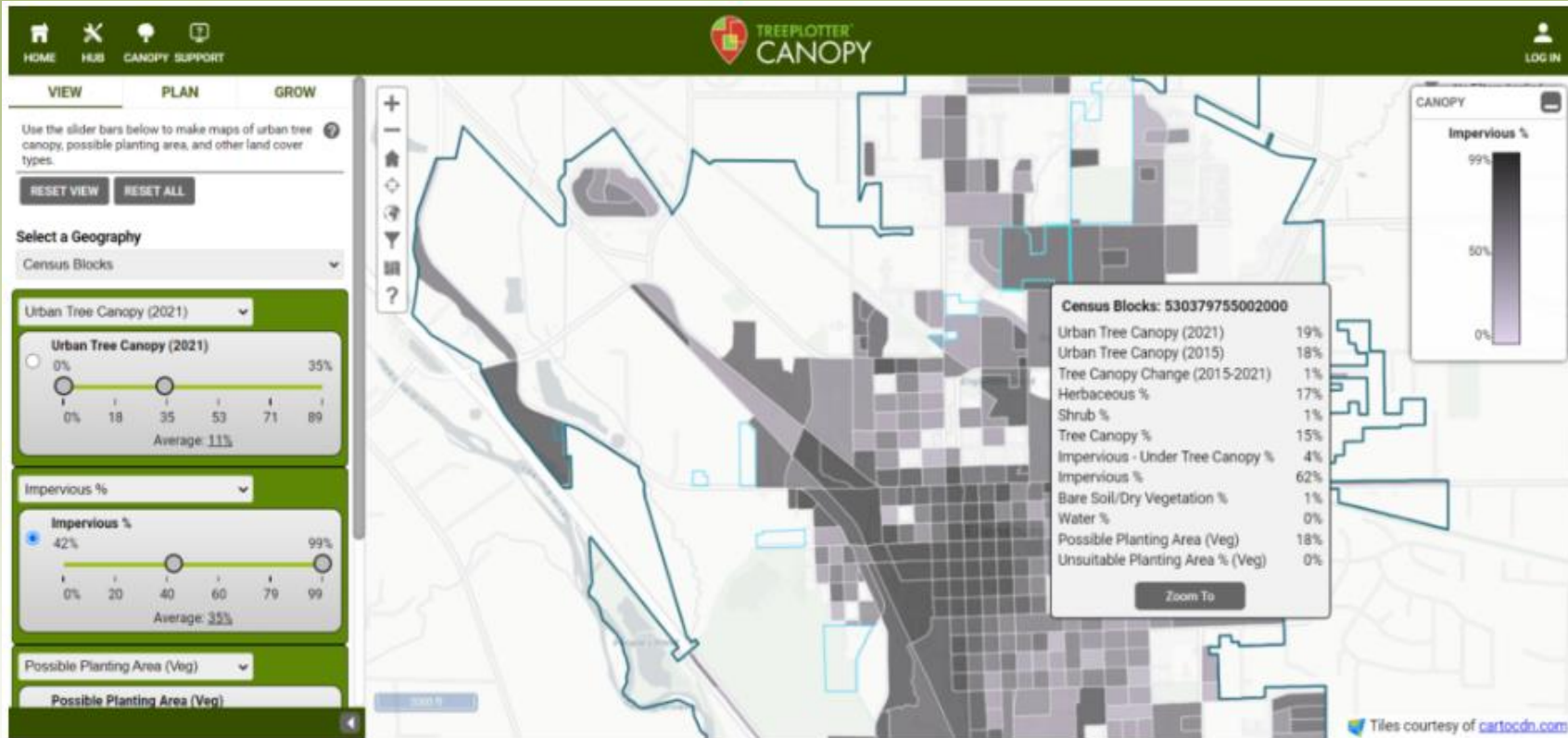
IRA Grant through USDA/USFS

- Define CEJST mapping and the areas with most need within it (some neighborhoods are only partially in)
- Target areas- low income, low canopy, high pollution, etc.
- Predict number of trees needed, and what sizes to reach goal & project future canopy cover
- 30% by 2030 goal
- Easily package neighborhood contract items to prepare them for bid



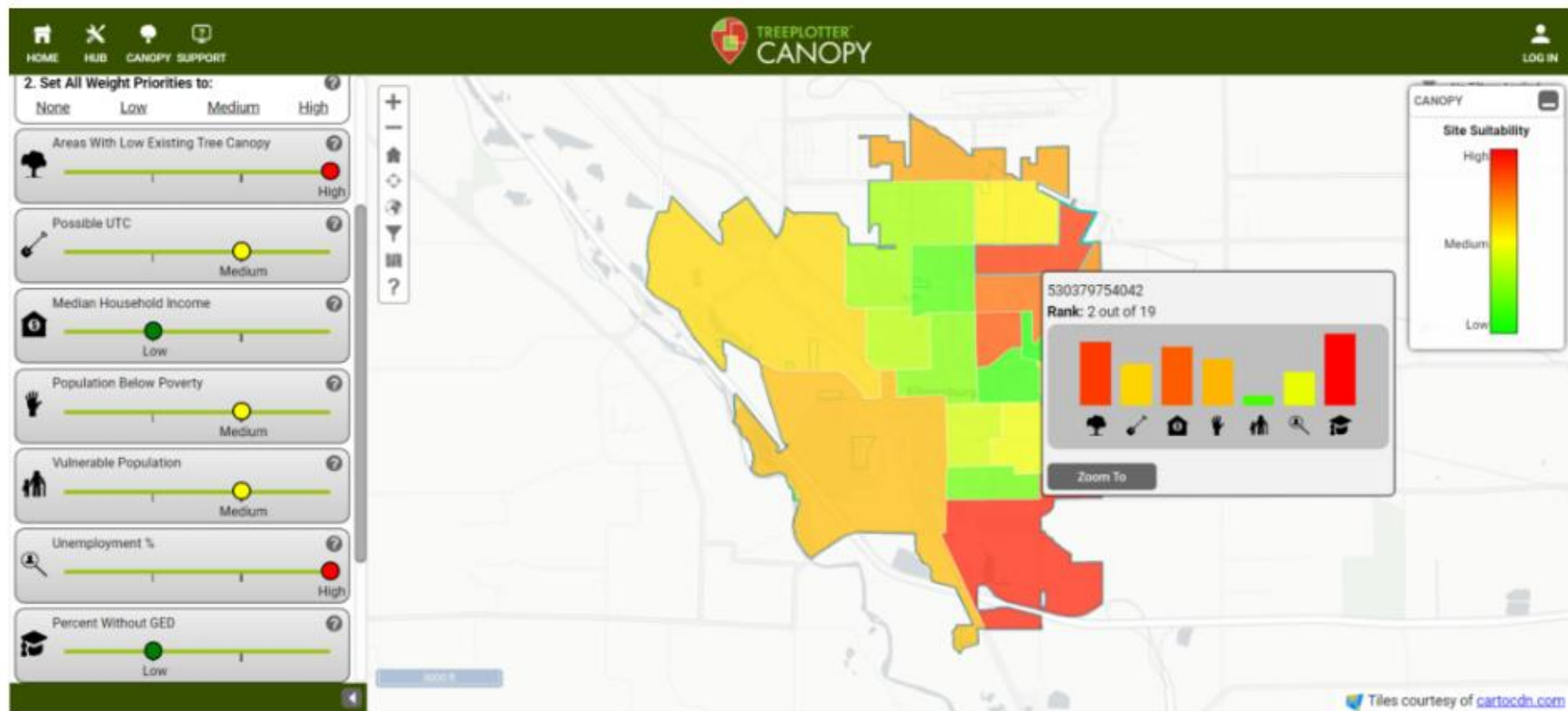
We are incredibly grateful for the support from Avista for this software which will significantly improve allocation of IRA project funding in the most impactful way possible. THANK YOU!

Tree Plotter View Tool



The first slider shows census blocks where urban tree canopy percent is less than 35%. The second slider was toggled to show where impervious surfaces are greater than 40%. The results of the two filters are shown on the map. A specific census block was selected (highlighted in blue) to show its unique metrics.

Tree Plotter Plan Tool



The prioritization criteria weights in this example are set to the following: Areas With Low Existing Tree Canopy – HIGH, Possible UTC – MEDIUM, Median Household Income – LOW, Population Below Poverty – MEDIUM, Vulnerable Population – MEDIUM, Unemployment Rate – HIGH, and Percent Without GED – LOW. The results of the weighted prioritization criteria are shown on the map. A specific census block was selected (highlighted in blue) to show its unique prioritization criteria.

Tree Plotter Grow Tool

The Grow tool allows the user to evaluate tree canopy goals, compare different tree planting and canopy cover scenarios, based on tree mortality and size and project future ecosystem benefits.

The screenshot displays the 'Tree Plotter Grow Tool' interface. On the left, a map shows a selected area with a pop-up window for 'Census Block Groups: 410470013001'. The pop-up contains the following data:

Urban Tree Canopy %	41
Total Possible Planting Area %	38
Hypothetical Canopy	30%
Trees needed	-9,419

Below the map is a 'DETAILED GROW' section with a 'PRINT SCENARIO' button. The central part of the interface features a gauge titled 'Number of Trees to Plant' with a needle pointing to 50,877. Below the gauge is a button that says 'Plant 50,877 Trees'. To the right, there is a table with the following data:

each	Avg Tree Size (ft.)	Annual Added Eco-Benefits (\$)
	30	35,260
	30	18,991
	30	-4,654

At the bottom, there is a table with columns for 'Scenar', 'Goal', 'Tree Size (ft.)', 'Annual Added Eco-Benefits (\$)', and 'Restore'. The table contains three rows of data:

Scenar	(%)	(%)	Goal	Tree Size (ft.)	Annual Added Eco-Benefits (\$)	Restore
	24%	24%	7,637	25	4,758,072	RESTORE
30% stormwater goal	24%	26%	102,247	20	63,698,688	RESTORE

Below the table are buttons for 'SAVE SCENARIO' and 'DELETE SCENARIO'.

Outcomes

- Reduce the burden on the most vulnerable population
- Increases in - access to green spaces, storm water mitigation, carbon capture, tree longevity, and many other benefits that healthy trees bring
- Cooling neighborhoods by up to 10 degrees
- Bring a greater awareness to the wider public about the many benefits of caring for, and planting trees



Thank you!

Spokane Urban Forestry

509-363-5495

www.spokaneurbanforestry.org

urbanforestry@spokanecity.org





Customer Benefit Indicators (CBI) Metrics Discussion

Amber Lenhart

Customer Benefit Indicators



Affordability

Participation in Company Programs
Households with High Energy Burden
Residential Arrears & Disconnects



Energy Security & Resilience

Energy Availability
Energy Generation Location



Access to Clean Energy

Methods/Modes of Outreach & Communication
Transportation Electrification



Environmental

Outdoor Air Quality
Greenhouse Gas Emissions



Community Development

Named Community Clean Energy
Investments in Named Communities



Public Health

Employee Diversity
Supplier Diversity
Indoor Air Quality

Customer Benefit Indicators

- How could our region’s clean energy plans benefit—or unintentionally harm—community members, especially “named communities”?
 - New energy resources
 - Energy efficiency and programs
 - Demand response pilots
 - Names Communities Investment Fund
 - Public Participation



Affordability



Energy Security
& Resilience



Access to
Clean Energy



Environmental



Community
Development



Public Health

Customer Benefit Indicator Discussion

How could our region's clean energy plans benefit—or unintentionally harm—community members, especially “named communities”?

1. Go to shared Google document (link in chat)
2. Type your ideas anonymously in the document
3. Note others' ideas and participate in discussion

Thank you!



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AVISTA

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AVISTA

Avista Clean Energy Future Newsletter:

Click Here



Sign up for our quarterly CEIP newsletter

Next EAG Equity Lens Session Meetings

Afternoon: Wed., July 17
@ 12pm – 1:30pm

Wednesday, July 17th







Friday, July 19th

Morning: Friday, July 19
@ 7:30 to 9:00 am

Amber Lenhart
amber@sip-nw.org
509.475.9575

Dan Blazquez
Dan.Blazquez@avistacorp.com
509.495.7685

Clean Energy Transformation Act (CETA) Resources

<i>Resource Link</i>	<i>Description</i>
Washington's Clean Energy Future	Avista page for CETA related activities 
Clean Energy Transformation Act	Clean Energy Transformation Act - 
Chapter 19.405 RCW 	Laws and Regulations: Revised Code of Washington Investor-owned utilities
Chapter 480-100 WAC 	Laws and Regulations: Washington Administrative Code Investor-owned utilities
WA Energy Strategy 	Washington State Energy Strategy
CETA Overview 	CETA overview and interim assessment