

CLIMATE RESILIENCY COMMITTEE AGENDA

AGENDA

JOINT CLIMATE RESILIENCY COMMITTEE MEETING

March 10, 2023

9:00 A.M.

CITY HALL

UPSTAIRS CONFERENCE ROOM

VIA ZOOM

Join Zoom Meeting

<https://us06web.zoom.us/j/84228773747?pwd=UG5IMUgramRLSWJ3M1dmalFzZ3lEQT09>

Meeting ID: 842 2877 3747

Passcode: 073704

1. CALL TO ORDER
2. ROLL CALL
3. APPROVAL OF AGENDA
4. APPROVAL OF MINUTES
 - A. Approval of January 13, 2023 Joint Climate Resiliency Committee Meeting
5. AUDIENCE PARTICIPATION/PRESENTATION
6. COMMITTEE REPORTS
 - A. Review Polished Climate Resilience Task Force Values & Actions List
7. DISCUSSION ITEMS
8. Next Meeting: April 14, 2023
9. ADJOURNMENT

This meeting conducted Via ZOOM

Prepared by/
Jean Corbin, Secretary

Climate Resiliency Committee

“To address the increasing impacts of climate change; we will recommend local, affordable, and achievable actions and strategies to the City of The Dalles and Wasco County”

MINUTES

JOINT CLIMATE RESILIENCY COMMITTEE

January 13, 2023

9:00 a.m.

VIA ZOOM/IN PERSON

PRESIDING: Chairman Dan Richardson

MEMBERS PRESENT: Scott Randall, Brian Reel, Lisa Gabee, Paula Grendel, Bruce Schwartz, Debi Ferrer, Ryan Bessette, Kelly Howsley-Glover

MEMBERS ABSENT: Kurt Conger, Eric Hansen, Tyler Stone

STAFF PRESENT: Jean Corbin

GUESTS: Michael Kluz-WyEast Resources Conservation and Development,
Robert Wallace-WyEast Resources Conservation and Development,
Sara Sweetser-WyEast Resources Conservation and Development,
Geoff Gibson-Forth Mobility, David Skakel- Forth Mobility,
Varun Batner- Forth Mobility, Mark Radabaugh community member

CALL TO ORDER

The meeting was called to order by Chairman Dan Richardson at 9:05 a.m.

ROLL CALL

Secretary Jean Corbin conducted Roll Call; Present 4 in person; 5 via Zoom.

Climate Resiliency Committee

“To address the increasing impacts of climate change; we will recommend local, affordable, and achievable actions and strategies to the City of The Dalles and Wasco County”

APPROVAL OF AGENDA

It was moved by Randall and seconded by Gambie to approve the January 13, 2023 agenda as submitted. The motion carried unanimously.

APPROVAL OF MINUTES

It was moved by Schwartz and seconded by Randall to approve the December 9, 2022 Climate Resiliency Committee meeting minutes as presented. The motion carried unanimously.

AUDIENCE PARTICIPATION/PRESENTATION

Robert Wallace with WyEast Resources Conservation and Development along with Geoff Gibson with Forth Mobility presented the Wasco County Charging Project with the Committee
SEE EXHIBIT A ATTACHED

Wallace has worked alongside many rural communities in Wasco County which include Dufur, Maupin and The Dalles helping implement electric agriculture farming equipment and EV charging stations within Wasco County. WyEast RCD and Forth Mobility now have a fleet of 10-12 agricultural pieces of equipment. A couple of examples include Polaris Rangers as well as pick-up trucks that customers are able to use to test and compare to their diesel equipment.

Robert also spoke about the Rural Car Share Program that is currently active in The Dalles and he reported there is also funding for a second vehicle available in Dufur. The vehicles are available to anyone with a driver's license and pre-approval through Forth Mobility to use. You need to upload the app, Miocar Networks, to set up an account. The first two hours are free for new customers. After that, it is \$4.00 an hour or \$35.00 for the day. This cost includes the fuel and insurance.

WyEast RCD and Forth Mobility would like to work with The City of The Dalles and Wasco County as they have many available programs and resources that could benefit local downtown business as well as other community members and organizations. These resources may help remove current items on the updated Climate Resilience Task Force List that are currently in action.

Please contact Robert with WyEast RCD or Geoff with Forth Mobility with any questions
Robert Wallace robert@weeast-rcd.org
Geoff Gibson geoffg@forthmobility.org

Climate Resiliency Committee

“To address the increasing impacts of climate change; we will recommend local, affordable, and achievable actions and strategies to the City of The Dalles and Wasco County”

COMMITTEE REPORTS

Dan reviewed the updated Climate Resilience Task Force Values & Actions draft form.
SEE EXHIBIT “B” ATTACHED

Each committee member agreed that the updated Task Force Values & Action List really captured the committee’s vision and direction the committee is wanting to follow. The committee members thanked Kelly Howsley-Glover for all her work on the new draft. The updated Climate Resilience Task Force Values & Actions list was accepted by a unanimous vote as presented.

Gambee made a motion and Randall seconded the motion to have Gambee polish the Climate Resilience Task Force Values & Actions Form. Once Gambee has completed this task, she will forward the form to Richardson. Richardson will then contact City Manager Matthew Klebes and Wasco County Chief Administrative Officer, Tyler Stone for their input and direction. Richardson will follow up with an email to the committee members outlining steps to be taken.

DISCUSSION ITEMS

NONE

Next Meeting: February 10, 2023 at 9:00 a.m.

ADJOURNMENT

Being no further business, the meeting adjourned at 10:35 a.m.

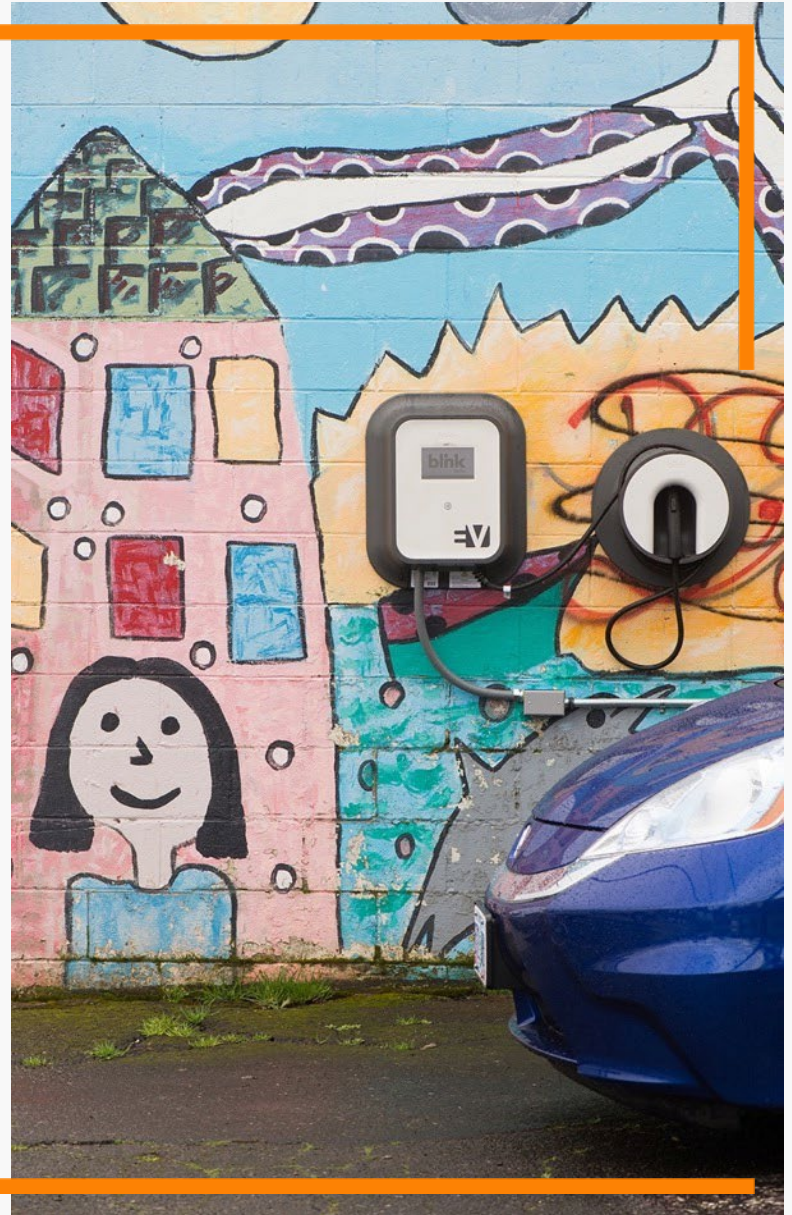
Submitted by/
Jean Corbin, Secretary

SIGNED: _____
Dan Richardson, Chair

ATTEST: _____
Jean Corbin, Secretary

Wasco County Charging Project

January 2023



Key Discussion Points

1. Short Introduction to Forth
1. Short Introduction to Wy'East
1. Wasco County Charging Project Details
1. Previous Forth's engagements within Wasco County
1. How Forth approaches the work we do
1. Q&A





- Forth is a **nonprofit** and advocate for electric, shared, and smart mobility
- We work closely with global automakers, charging companies, and others in the electric-mobility industry
- Host Annual Roadmap Conference May 15-17, 2023
- Active in demonstration projects, consumer engagement, and policy advocacy



EXHIBIT A

- Wy'East Resource Conservation and Development is a **nonprofit** focused on sustainable solutions for water and energy consumption
- Based in The Dalles and Dufur
- Boots on the ground work with Rural Oregon and Washington small businesses, agricultural producers, and local utilities
- Collaborate with Forth, and other Oregon based nonprofits to introduce rural producers to new technologies for on farm electrification



Wasco County Charging Project - Details and Deliverables

1. USDA-funded for 2 years starting October 2022. Geographic scope is Wasco County.
2. Recruiting and managing a Wasco County Stakeholder Group to provide community input and help assess community needs around electric vehicle charging.
3. Organizing at least two in-person events to engage and solicit input from the public.
4. Development of the Wasco County Electric Vehicle Charging Plan that Forth will draft based on a collaborative stakeholder engagement process.

Wasco County Charging Project - Details and Deliverables (continued)

1. The development of a Wasco County Electric Vehicle Charging Map.
2. The development of a Wasco County Electric Vehicle Charging Funding Proposal that is ready for submission to the federal competitive grant program created under the Infrastructure Investment and Jobs Act (IIJA).
3. The development of a Wasco County Charging Playbook that will include a short summary of the project's process and findings.

Previous Forth's engagement within Wasco County

1. EV car share program with Northern Wasco county PUD
2. E-tractor program, collaborating with Robert at Wy'East
3. Ride & Drive event out of The Dalles, last November, that included the Volkswagen ID4, Ford F150 Hybrid, and E-tractor
4. Providing EV chargers to a local business in Maupin
5. EV charging station at Dufur School. Will also have a car share located out of the Dufur School in the coming months.

Forth's Areas of Expertise

- EV Charging
 - DC Fast Chargers
 - Multi-unit Dwelling
 - Workplace
 - Right-of-Way
- Consumer Engagement
 - Ride and Drives
 - Marketing Campaigns
- Dealership Engagement
- Electric school buses
- Agricultural electrification
- Transportation network companies (TNC) electrification (Uber/ Lyft)
- Micromobility (scooters & e-bikes)
- Electric car share

Forth's Types of Support

We work best as a partner in collaboration with local government and local frontline organizations.

- Program Toolkits and Design
- Stakeholder Outreach
- Public / Private Partnership Facilitation
- Procurement Support
- Business Model Consultation
- Best Practices and Guidelines
- Workshops
- Consumer Engagement Campaigns

Questions

1. Help recruiting the stakeholder groups for this project.
2. Knowledge around local Wasco County events, that can help align with the in-person/ ride and drive events.
3. Past research/ reports done with community members to understand their goals for better integration of the electrification plan.
4. Ongoing knowledge base towards the EV charging infrastructure work?
5. Barriers we can engage towards electrification work?

WASCO COUNTY ELECTRIC VEHICLE CHARGING INFRASTRUCTURE PLANNING



CONVENE COUNTY STAKEHOLDERS

Convene stakeholders from across Wasco County to create a community centered EV charging plan, drawing interest, tourism, and business to our communities.



CREATE COUNTY EV CHARGING PLAN

Identify and map current electric vehicle charging infrastructure. Work with stakeholder group to identify future locations for County charging infrastructure.



FUNDING SUPPORT AND RURAL LEAD

Develop Wasco County Electric Vehicle Funding Proposal to aid county in securing federal and state funding for charging infrastructure. Develop a 'Rural EV Template' for other rural counties to build upon.

WHY PLAN FOR ELECTRIC VEHICLES IN WASCO COUNTY?

Electric vehicles have increased in popularity over the last decade, opening new markets, and providing an abundance of opportunities. Electric vehicle charging infrastructure offers a way to draw people off the highway and into the heart of our communities, restaurants, and local businesses, while also providing easily accessible public chargers for our local EV owners right here in Wasco County.

EXHIBIT B

CLIMATE RESILIENCE TASK FORCE VALUES & ACTIONS / DRAFT / 1-8-23

The structure below goes:

❖ Problem Statement

➤ Value Statement

▪ Action Item

• Sub Action Item

❖ **Climate change will result in increasing temperatures, and erratic and extreme weather events.**

- We value public improvements that will lower urban heat island effects. Foremost among these is a robust tree canopy that can offset increased temperatures in land and water and increase livability.
 - Analyze current city-wide tree canopy and develop an Urban Forest Management Plan to improve canopy cover, lower heat island effects, promote walkability, and address tree canopy benefits equitably.
 - Re-orient staff (public projects, maintenance, transportation staff and engineers) to understand large shade trees as critical infrastructure.
 - Budget and support public maintenance of streets and sidewalk impacted by large shade trees, to preserve those trees.
 - Consider hiring permanent tree maintenance and tree-planting position.
 - Consider mini-grants to assist homeowners in planting trees; and maintaining large-diameter, "heritage" trees.
 - Explore potential for shade structures over parking lots, streets, etc., to reduce heat island effect (and potentially host rooftop solar panels).
- We value empowering citizens to learn more about climate change.
 - City/county host central contact point of contact for relevant climate info, carbon footprint reduction measures, incentives for solarization, electrification, and energy upgrades, etc. for residents, such as a web site.
- We value support for community organizations reducing their carbon footprint and becoming more climate-resilient.
 - Assess potential for a climate action revolving loan program (for nonprofits, education, et al.) to institute renewables and other climate practices in alignment with a formal climate action plan. *(See below)*

❖ **Greenhouse gas (GHG) emissions have far-reaching environmental and human health impacts.**

- We value reducing our GHG emissions, and taking control of our community's destiny.
 - Develop a formal, technically informed, community-wide climate action plan.
 - Include interested local governments (city, port, school district, county, etc.)
 - Set GHG emissions target.
 - Incorporate emissions goals into capital improvement plans for City/County.

EXHIBIT B

- Include tree canopy, urban heat island, electrification/solar power, and other locally actionable elements in the plan.
- We value efficient use of energy resources
 - Conduct energy audits of City/County Facilities.
 - Evaluate solar installation at local government buildings.
 - Consider local incentive fund for residential/commercial solar installations, electrification, and other energy improvements.
 - Host workshop to share ROI, lifecycle cost analysis, and incentives, for residents, businesses considering local solar installation; include information in a central point of contact.
 - Engage with Public Sector Round Table for energy of NW Public Entities.
- We value other opportunities for reducing GHG emissions.
 - Partner with solid waste entities (Health Department, Waste Connections, DEQ) to study fugitive emissions from the landfill and ways to capture for potential reuse.
- ❖ **Fossil fuel use is a significant local contributor to greenhouse gas emissions**
 - We value adopting non-fossil fuel sources that can support a thriving community.
 - Right-size public fleets to electric vehicles where duty-cycle allows. Consider “clean diesel” or other fuel sources where electric is not available.
 - Provide strategically placed recharging stations and priority parking for electric vehicles – for both the public, and public agency fleets.
 - Assess and experimentally implement an EV car-share program like CRuSE.
 - Encouraging multi-modal transportation can reduce oil dependency and promote local air quality and health, and support a vibrant community.
 - Prioritize multi-modal transportation and linkages to trails/paths.
 - Create and budget for annual investment in walking (multiuse) trails and lanes, with emphasis on cross-community commuting, recreation, and safe routes to school.
 - Support/build an expanded multi-use urban path system linking Riverfront Trail to both N-S and E-W paths, shopping, schools.
 - Build several pedestrian/bike "nodes" or trailheads with appropriate safety, lighting, to access urban paths -- e.g., downtown plaza.
 - Evaluate commercial district and arterial street designs (lanes, sizing, traffic calming) to encourage safe use of bikes and pedestrians.
 - Encourage use of The Link public transit system.
- ❖ **The built environment can generate up to 40% of CO2 emissions.**
 - We value a built environment that’s resilient to extreme weather and minimizes GHG emissions.
 - Assess government buildings for durability under extreme events (long "heat domes", dense wildfire smoke).

EXHIBIT B

- Identify solutions for reducing built environment emissions starting with city/county facilities.
- Review local codes and design standards to appropriately support and incentivize solar panels, low-water landscaping, and gray water.
- Consider installing a demonstration lattice wall (aka green wall) on appropriate government building.