

VISION 2030

BUILDING A BRIGHTER CLIMATE FUTURE

Offers a local, place-based approach to educate middle and high school students about our region's groundbreaking efforts to reduce greenhouse gas emissions 50 percent from 1990 levels by 2030

Members include teachers, volunteers and nonprofit and governmental organizations working to accomplish more together. Team sponsored by nonprofit organization SAGE.

Read on to learn about ways to get involved, our funders, partners, and to see photos from the fairs!

What does the team do?

Together, team members offer:

- Keystone Lessons on Climate Solutions + Teacher Trainer Kit (45 min lesson)
- Fairs to introduce large groups of students to regional climate solutions and workforce opportunities
- Partner referrals for teachers who would like to host other lessons on climate solutions
- Help to identify volunteers to support student green teams and service learning opportunities

**THE CLIMATE
ACTION PLAN
IS A ROADMAP TO
PORTLAND'S FUTURE.
IN 2030:**



Homes and businesses will be 25 percent more energy efficient than they were in 2010.



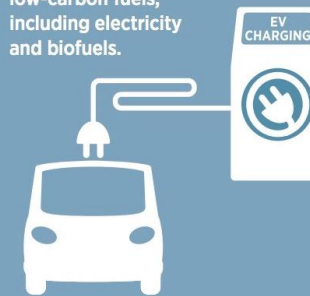
All new buildings will achieve zero net carbon emissions and renewable sources will provide 50 percent of all building energy, compared to 9 percent today.



Eighty percent of residents will be able to easily walk or bicycle to meet all of their basic non-work needs and have safe access to transit, compared to 65 percent today.



More motor vehicles will be powered by low-carbon fuels, including electricity and biofuels.



Ninety percent of all waste generated, including food scraps, will be recovered or recycled, compared to 70 percent today, and the amount of waste generated per person will be reduced by a third.

How can you get involved?

- Bring your energy, talent, ideas. We have lots of avenues!
- Some specific areas where we value help
 - Facilitate the Keystone Lesson as a Climate Solutions Educator
 - Volunteer/Exhibit at one or more Climate Solutions Fairs during winter and spring 2025
 - Join our core team. We meet monthly over Zoom to plan, develop exhibits, make connections, and advance the project

Thanks, Vision 2030 Funders

- Susan Hammer Fund of Oregon Community Foundation
- City of Portland Bureau of Planning and Sustainability
- Prosper Portland
- McMenamins

Thanks, Vision 2030 Partners!

- Climate Reality
- Community Energy Project
- DayZero Water LLC
- Energy Trust of Oregon
- EnerCity Collaborative
- Food Corps Portland Public Schools
- Harriet Tubman Student Eco-Club
- Looptworks
- McRoots - McDaniel Student Garden Club
- Metro
- Mr. Sun Solar
- Neighbors for Clean Air
- Pacific Northwest National Laboratory
- Parkrose Middle School & District
- Pathways 2050 Model
- PGE Project Zero
- Portland Bureau of Planning & Sustainability
- Portland Bureau of Transportation
- Portland Fruit Tree Project
- Portland Public Schools and District
- The Blueprint Foundation
- The Street Trust

Keystone Lessons 2023-2024 School Year

During the school year, we facilitated 42 Keystone Lessons to over 900 students at Harriet Tubman Middle and Parkrose Middle Schools

Keystone Lesson introduces students to the Portland and Multnomah County to:

- 2030 climate goal
- Solutions in this region's Climate Action Plan
- Highlights opportunities for continued learning and involvement in projects in their schools



Climate Solutions Fairs 2023-2024 School Year

During the 2023-2024 school year, Vision 2030 offered climate solutions fairs at three Portland-area middle-schools: Roseway Heights, Harriet Tubman, and Parkrose

These all-day and all-school fairs engaged over 1,500 students in hands-on exhibits related to the six solution sectors of Portland's Climate Action Plan:

- Buildings
- Consumption & Waste
- Energy
- Food & Agriculture
- Tree Canopy & Natural Systems
- Urban Form & Transportation



At each fair, students received a passport and visited exhibits, took notes, and wrote takeaways on each school's learning tree

Climate Solutions Fair Passport Name _____

What was the most interesting or surprising thing that you learned in each climate solution category?

	BUILDINGS
	URBAN FORM & TRANSPORTATION
	CONSUMPTION & WASTE
	FOOD & AGRICULTURE
	TREE CANOPY & NATURAL SYSTEMS
	ENERGY

What was your favorite exhibit that you engaged with?
What did you like about it?

If you could work in one of the above climate solutions areas, which would it be and why?





Buildings

- ❖ Blueprint Foundation on Clean Air
- ❖ Neighbors for Clean Air on Air Quality
- ❖ SAGE on Energy Efficiency & Heat Pumps
- ❖ Energy Trust of Oregon on Energy Efficiency





Consumption & Waste

- ❖ Metro on Materials Management
- ❖ SAGE "Let's Get Thrifty" on Thrift Shopping
- ❖ Looptworks on Upcycling





Energy

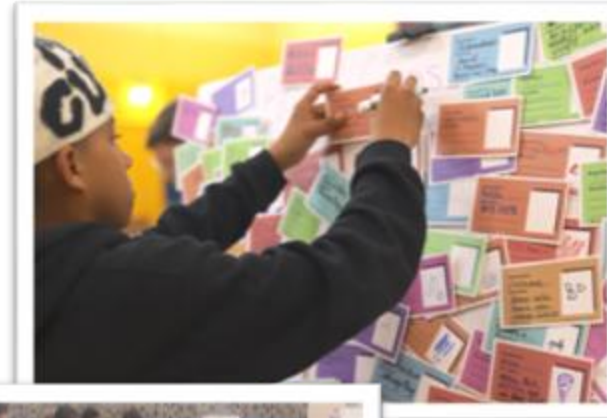
- ❖ Bonneville Environmental Foundation on Solar Power
- ❖ EnerCity Collaborative on a Clean Energy Economy
- ❖ PGE on Clean Energy & Electricity
- ❖ Community Energy Project on Efficient Homes





Food and Agriculture

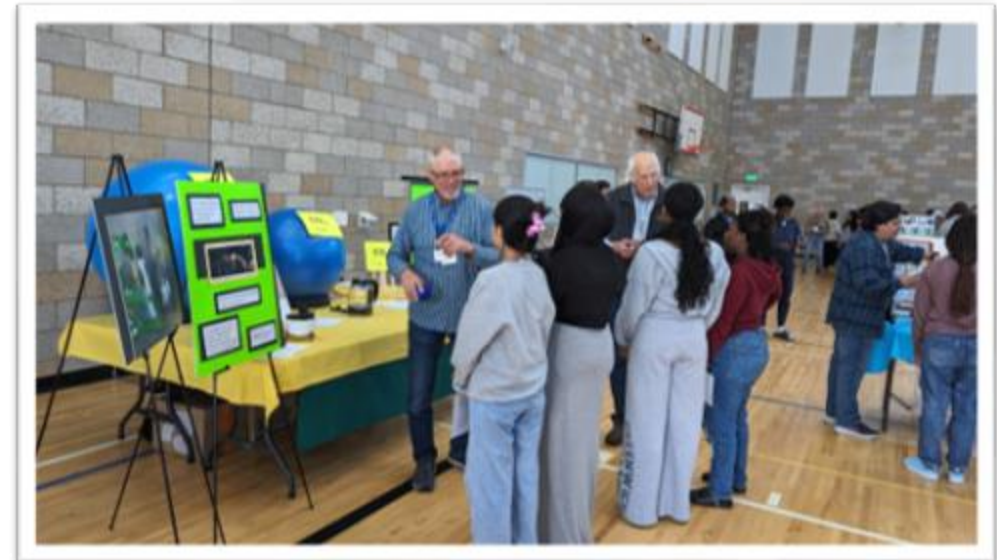
- ❖ Portland Bureau of Planning & Sustainability on Eat Smart/Waste Less
- ❖ Food Corps on Portland Public School Harvest of the Month Program
- ❖ Portland Fruit Tree Project on Promoting Food Justice
- ❖ McRoots - McDaniel Student Gardening Club on Gardening & Worm Bins





Tree Canopy & Natural Systems

- ❖ Harriet Tubman Eco-Club on Mycelium
- ❖ SAGE & Biomimicry on Packaging Innovations
- ❖ SAGE on Tree Canopies and Environmental Justice
- ❖ DayZero Water LLC on Innovative Design





Urban Form & Transportation

- ❖ Portland Public Schools on Electric School Buses
- ❖ The Street Trust on Safe Routes to School
- ❖ Mr. Sun Solar on Solar Bike Transportation
- ❖ Portland Bureau of Planning & Sustainability on Transportation

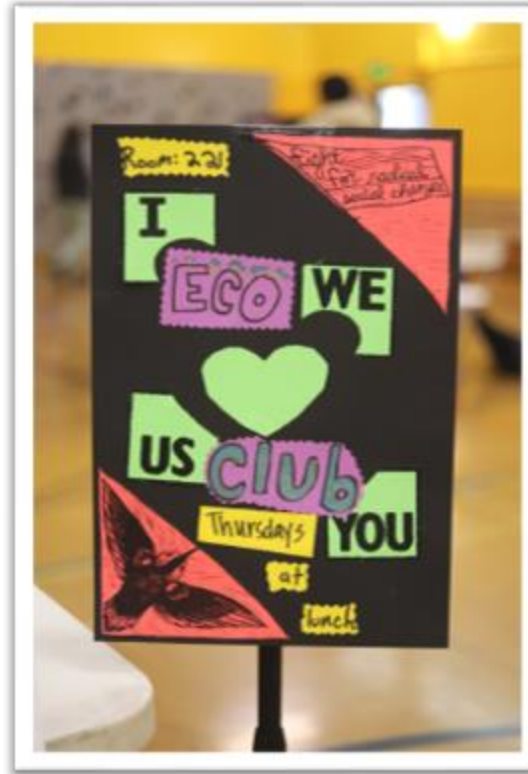


"The volunteers rock!
So patient and excited to teach the
students about their work."

- Grade 8 Science Teacher



Pathways 2050 Model



Photography
by
Anita Spaeth

"I loved the volunteers. They clearly
care very much about teaching
and engaging."

- Grade 7 Science Teacher



PPS Climate Resiliency and Climate Justice

Contact us to learn more



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WeAreSage.org/Vision2030



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