

Possible Stakeholders for Eco Village Project

Listed stakeholders serve only as examples for roles and responsibilities regarding funding and development.

Any of them might agree to be stakeholders at any time and work to garner support from other potential stakeholders.

This document and others associated with it on verdantronix.com qualify as a thought experiment for how the Oregon legislature and governor would provide funding for a tiny home ecological sustainability village or “eco village.”

There are multiple congressional offices in Salem which have expressed interest to Verdantronix about this project because it would provide housing for the unhoused, employment for those housed, be a profitable investment for taxpayers and produce clean energy for Multnomah County.

Other means of funding are possible, but not here considered.

Many employees of non profit organizations and hundreds of citizens, both housed and unhoused, asked Verdantronix to continue to develop this idea first shared in 2021.

The following is a breakdown of potential stakeholders.

Executive Sponsors

- State of Oregon
- Multnomah County
- City of Portland
- City of Gresham

Impact Teams

- Our Just Future
- Oregon State University
- Portland State University

Project Lead

- Chief of Operations, Our Just Future

Stakeholder Roles

The first step to actualize this vision is formal buy-in from congress and the governor.

The second step is to gain agreement for this project, such funding oversight would be afforded by Multnomah County, the City of Portland and the City of Gresham.

Two eco villages would be built—one in Portland and the second in Gresham.

Overseeing that construction would be, hypothetically, Our Just Future: ourjustfuture.org.

Collaborating with Our Just Future would be Oregon State University and Portland State University for applied science/technology and education/training, respectively.

Stakeholder Responsibilities

Congress and Governor

- Representatives, Senators and the Governor consider a tiny home eco village model, housing that comes with employment for the homeless to benefit local businesses (grocery stores, restaurants, etc) and residents by taking food waste and converting it to biogas energy for Multnomah County.
- A group is formed among elected leaders to draft a bill for funding said eco village.
- The leadership group works with Verdantronix and non profit organizations to gather data for drafting the bill and to promote the idea to the public.
- The bill passes in the legislature and the Governor signs the Tiny Home Ecological Sustainability Village bill into law.

Multnomah County, City of Portland and City of Gresham

- Multnomah County receives funding from the State of Oregon to build eco villages in Portland and Gresham.
- Multnomah County selects Our Just Future, or another non profit organization, to manage this project and be the chief of operations for each village, reporting to the county all proposals and reports.

Our Just Future

- Our Just Future accepts the nomination to be chief of operations and project manager for the tiny home ecologically sustainable villages project—the board of directors votes.
- A robust study is done on all necessary considerations for the project.
- The leadership team at Our Just Future is hired and the budget for the project with terms and conditions is accepted.
- Project Leadership Team
 - Chief of Operations
 - Senior Project Manager
 - Project Manager
 - Assistant Project Manager
 - Secretary Liason

Oregon State University

- The President of Oregon State University holds a meeting to discuss a new eco village program for its engineering department, with a focus on biomass energy.
 - The university votes to study the eco village proposal.
 - A committee is formed within the engineering department.
 - Budget requirements for the project are estimated.
 - A timeframe for the project is decided.
 - A white paper is produced by the engineering department on the eco village project.
 - The university reviews the white paper and votes to approve the eco village project in partnership with Our Just Future.
- Lead Engineering Team
 - Biomass Engineering Supervisor
 - Biogas Engineer
 - Biochar Engineer
 - Interns

Portland State University

- The President of Portland State University holds a meeting to discuss a new eco village program and what departments would be involved to advise building a recycling center, sustainability education program and urban garden.
 - The university votes to study this greater sustainability project: eco villages.
 - A faculty committee is formed within the university for eco villages.
 - Budget requirements for the project are estimated.
 - A timeframe for the project is decided.
 - A white paper is produced by the university committee on the eco village project.
 - The university reviews the white paper and votes to approve the eco village project.
- Lead Community Services Team
 - Recycling Expert
 - Urban Sustainability Expert
 - Urban Gardening Expert
 - Social Services Coordinator
 - Interns

Summary

Each tenant, people referred by homeless services, would be contracted to do labor in exchange for housing. The labor would involve receiving food waste and wood waste to convert it into biogas and biochar energy.

Tenants would also operate a recycling center, sustainability education service and maintain an urban garden.

Staff appointed by Our Just Future in collaboration with universities, would manage this labor.

The electricity would be sold to PGE, recycling materials sold or used for new products and garden produce sold. Profitability would return investment to the state.

Funding, oversight, project management, education/training, labor and buyers are the six stakeholder groups needed for full development of the project.