Build Back Better with Mass Timber

Update to House Committee on HousingMay 2022

Ernesto Fonseca, PhD, Chief Executive Officer, Hacienda CDC Curtis Robinhold, Executive Director, Port of Portland





A Transformational Project

Connecting Rural and Urban Economies







A Transformational Project

Meeting Our Greatest Challenges

- A growing wealth and opportunity gap
- Lack of housing options for all incomes

- Forest fires and a changing climate
- Struggling rural economies







Sept 2022: EDA Build Back Better Grant Announced

Up to \$50M for industry cluster development leading to transformative change for the mass timber industry.

Goals:

- Scale up housing production
- ★ Create good urban and rural jobs
- ★ Address race-based disparities
- Equitable job training in forestry, construction, and advanced manufacturing
- Support forest restoration and climate adaptation









T2: Jobs Housing Innovation



A 53-acre campus dedicated to shared prosperity through modular housing manufacturing, workforce training, and R&D that promotes industry growth





Modular Housing Factory

Oregon will leverage its mass timber "first mover" status to create:

- High-quality, energy efficient homes
- Rental and ownership
- Barged and trucked from T2 through Oregon
- More cost-effective



Photos Courtesy of Forterra Modular CLT Prototype 2022





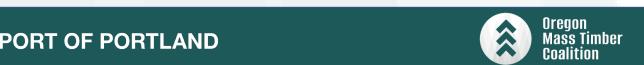
T2 Early-Stage Housing Protypes Moving Forward

In late 2020 the State Legislature allocated \$5M to the Port of Portland to prototype mass timber, small-scale homes.

Partnered with Hacienda, a Latino-led, culturally specific non-profit housing developer to develop and test the prototype.

- Prototype Project lead: Leticia Cervantes
- Design lead: Salazar Architects
- General Contractor will be selected by mid-June





Workforce Development Job Training & Career Pathways



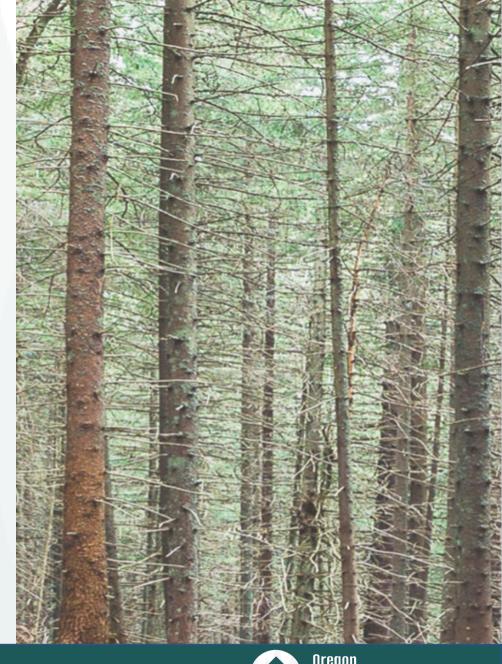




Sustainable Sourcing

We will work to source products from lands that are being managed for conservation goals

- Wood products from smaller, lower value timber, leaving more mature fire-resistant trees for improved forest health
- Researching low value species and conducting NEPA
- Partnering with Willamette National Forest to increase wildfire resilience
- Tracing and tracking methodology to support the sustainable mass timber industry







Next Steps: Housing Prototypes

- **3 July 2022** − Occupy Terminal 2
- August 2022 Modular Designs Completed
- September 2022 Construction begins
- December 2022 First Modular home completed
- June 2023 Final Modular home delivered and installed





Next Steps: T2

- Refine Business Plan
- Build Coalition Diversity and Industry Representation
- Seek additional sources of public and private capital



