Portland’s Clean Energy Economy
Sam Adams, Mayor
Portland’s strategy

• Economic development meets climate action
• Three examples:
  1. Clean Energy Works Portland
  2. Oregon Sustainability Center/Ecodistricts
  3. Solar and Wind
The Approach

- Stimulate Neighborhood Business Vitality
- Maximize Competitiveness
- Drive Urban Innovation
Example 1: Clean Energy Works Portland

Home energy retrofit partnership of:

- Portland General Electric, Pacific Power, NW Natural
- Energy Trust of Oregon
- Shorebank Enterprise Cascadia
- Green for All
- Unions
- Contractors
- Social equity organizations
- Environmental organizations
Clean Energy Works Portland

- Residential energy retrofit program
- No up-front cost to homeowner
- Low-income households receive lowest interest rate
- Demand for local products and services
- Loan repaid on utility bill over 20 years
- Strong workforce agreement to ensure quality jobs and equity in hiring and training
- Creating capacity and expertise in small local contractors

www.cleanenergyworksportland.org
Community Workforce Agreement

Landmark agreement signed by the city, labor organizations, community groups, Workforce Investment Board, pre-apprenticeship training programs, independent contractors, faith groups and others

- 30% of total project hours are performed by historically disadvantaged people, including people of color, women, and low-income residents
- 180% of minimum wage or better paid to all contractors and subs
- 20% of all contractors and subs are businesses owned by historically disadvantaged people, including people of color and women
- 100% of new hires come from qualified training programs
Example 2: Oregon Sustainability Center

- 200,000+ SF urban high-rise in downtown Portland, on the eastern edge of Portland State University
- Innovative engine and demand generator for Oregon’s clean tech industries
- Vehicle for a green building and infrastructure research and commercialization
- Anchor of Portland State University ecodistrict
Ecodistricts

- **Water**
  - District wastewater
  - Water reuse
  - Stormwater infiltration

- **Energy**
  - District energy
  - Smart grid
  - Demand management

- **Transportation**
  - Transit, cycling and pedestrian infrastructure
  - Demand management
  - EV

- **Waste**
  - Construction reuse & recycling
  - Solid waste reuse & recycling
  - Toxics reduction

- **Ecosystem Function**
  - Habitat
  - Edible landscapes
  - Food production
Ecodistricts

- Thermal Energy
- Water Reuse
- Smart Grid
- Green Streets

Diagrams courtesy of ZGF Architects
Example 3: Solar and wind

- Push and pull: support supply and build demand
- State Business Energy Tax Credits and over $500M in ARRA fuel investment in clean energy installation
- Investment in new energy projects drives demand for manufacturing and other supply chain opportunities
- City revised zoning code and removed local regulatory barriers; State tax credits and feed-in tariff build demand
Portland Plan: Framework & strategic action

- arts & culture
- neighborhoods & housing
- educational opportunity
- civic life
- economic vitality
- connections & access
- environmental health
- community design
- human health
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Portland, Oregon

samadams@ci.portland.or.us
www.portlandonline.com/mayor