What does it take to be an energy-efficient city?
Portland, Oregon
Portland has made choices before:
In the 1970s, we had 180 days of air quality violations
1972 Downtown Plan

Downtown Plan Concept
Downtown Waterfront
Pioneer Courthouse Square
Local energy policies

1973 Oregon Senate Bill 100
1979 and 1990 Energy Policies
1980 Portland Comprehensive Plan
1992 Recycling and Waste Reduction Strategy
1993 CO₂ Reduction Strategy
2000 Green Building Policy
2001 Local Action Plan on Global Warming
2006 Renewable Fuel Standard
2008 Portland Recycles Plan
2009 Climate Action Plan
2010 Bicycle Plan for 2030
2012 Portland Plan
2014 Major revision to Comprehensive Plan
2014 Revised Climate Action Plan
20 years of climate plans

1993

2001

2009
Clean Energy Works

- Residential energy retrofit program
- No up-front cost to homeowner
- Low-income households receive lowest interest rate
- Loan repaid on utility bill over 20 years
- Strong workforce agreement to ensure quality jobs and equity in hiring and training

www.cleanenergyworksoregon.org
Renewable power in City operations

Micro-hydro in the Vernon water tower  Photovoltaics
Renewable power in City operations

Biogas turbines at the wastewater treatment plant

Solar on Matt Dishman Community Center
LED Streetlight Replacement

After (LED)  Before (High-Pressure Sodium)
Brewery Blocks

Photos: Gerding Edlen
Since 2003, 2,151 total installs

400% increase from Solarize Campaign
Opening in 2015, a new bridge will carry light rail trains, streetcars, buses, bicyclists and pedestrians, but no private vehicles.