

WASHINGTON

Key Statistics:

Clean Economy GDP (2010)	\$8.8 billion
Clean Economy Jobs (Direct Production)	79,149 (Brookings, 2011)
Investment in Clean Technology (2006-2008)	\$635 million (Pew, 2009)
VC Disbursement per Capita (2010)	\$94

Top 9 Clean Economy Job Segments:

Segment	# of Jobs
Conservation	12,666
Hydropower	11,769
Organic Food & Farming	10,121
Public Mass Transit	8,571
Waste Management & Treatment	6,547
Professional Environmental Services	4,117
Energy-saving Building Materials	3,815
Sustainable Forestry Products	3,411
Recycling & Reuse	2,563

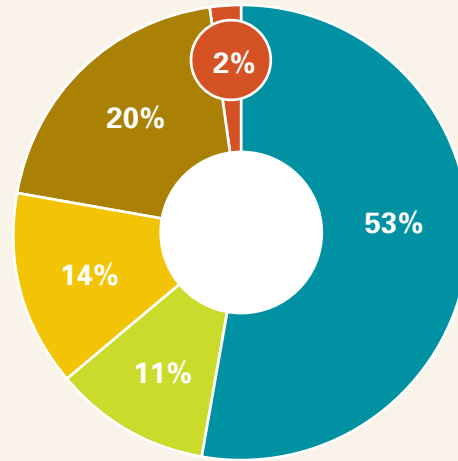


Figure: Direct production jobs in Washington's Clean economy sector in 2010.

Strengths & Attributes:

- High concentration of existing clean technology and high-tech establishments
- Two world-class public research universities (University of Washington and Washington State University) and Pacific Northwest National Laboratory
- Commenced the Nation's first green-jobs training program
- Existing strong network of clean-technology companies (Washington Clean Technology Alliance)
- Ranks second amongst all states in the Information Technology and Innovation Foundation's "2008 State New Economy Index"
- Strong global trading agreements with China, Japan, India, South Korea, and Canada
- Highly educated and skilled workforce
- Implemented strong building codes, Renewable Portfolio Standard, Renewable Fuel Standard, green power option for electricity consumers, and a host of financial incentives promoting renewable energy and energy efficiency

Washington - Summary of Key Policy, Program & Investment Initiatives:

Sector	Description
Clean Energy Supply	<p>Renewable Energy Production Incentives offers \$0.12 to \$0.54 per kWh for individuals, and organizations that generate electricity from solar, wind or anaerobic digesters.</p> <p>State Tax Incentives for Renewable Energy Equipment provides state tax reductions for qualifying renewable energy equipment manufacturing and sales.</p> <p>Net Metering & Interconnection laws requires all utilities providers to provide net metering for renewable energy systems up to 100 kW, until they meet 0.5% by 2014 of its customer peak demand.</p> <p>Renewable Portfolio Standard requires utilities to acquire renewable resources with at least 3% of its load by 2012 through 2015; 9% of load by 2016 through 2019, and 15% of load by 2020.</p>
Energy Efficiency & Green Building	<p>Initiative 937, also known as the Energy Independence Act, requires that the largest utilities in the state to make conservation the resource of choice in utility planning.</p> <p>State Energy Code requires the WA State Building Code Council to develop energy codes that achieve a 70% reduction in building energy use by 2030 relative to the 2006 codes.</p> <p>Electric Utility Grant, Loan & Rebate Programs offered at state and municipal levels provide a wide selection of incentives to individuals and businesses for retrofitting and new construction.</p> <p>Weatherization Program provides energy efficiency upgrades to low-income households, and continues to exceed targets.</p> <p>Jobs Act provides \$100 million in competitive grants to public school districts and public higher education institutions for energy efficient facility improvements.</p>
Clean Transportation	<p>Clean Car Standards adopted from the California Air Resource Board (CARB) Standard for all new vehicles purchased after 2009, requiring lower emissions.</p> <p>Biodiesel & Ethanol Content requires that 2% of annual diesel sales consist of biodiesel content while 2% of annual gasoline sales need to consist of ethanol.</p> <p>Public Sector Biofuel initiative to direct all state agencies and local governments to satisfy 40% of their fuel usage by electricity or biofuel.</p> <p>Sound Transit Commuter Systems Improvements of more than \$700 million (2011) in value for capital projects and light rail/ bus improvements to the Greater Seattle region.</p>
Environmental Protection & Resource Management	<p>Brownfields Redevelopment Loan Fund is a \$5.4 million fund offering low-interest loans to local governments and private owners for site clean-up.</p> <p>Waste Reduction Plan outlines five key priority areas to improve residential, commercial and industrial waste reduction and management practices.</p> <p>Urban Waters Initiative is a \$2.5 million (2007) state-wide initiative which focuses on preventing contamination or re-contamination of waterways.</p>
Knowledge & Support	<p>Washington Clean Technology Alliance supports businesses who wish to take advantage of clean technology industry opportunities.</p>