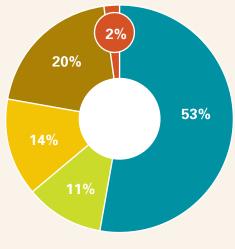
# WASHINGTON

#### **Key Statistics:**

Clean Economy GDP (2010)	\$8.8 billion
Clean Economy Jobs (Direct Production)	<b>79,149</b> (Brookings, 2011)
Investment in Clean Technology (2006-2008)	<b>\$635 million</b> (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	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.
	State Tax Incentives for Renewable Energy Equipment provides state tax reductions for qualifying renewable energy equipment manufacturing and sales.
	<b>Net Metering &amp; Interconnection</b> 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.
	<b>Renewable Portfolio Standard</b> 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.
Energy Efficiency & Green Building	<b>Initiative 937</b> , 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.
	<b>State Energy Code</b> requires the WA State Building Code Council to develop energy codes that achiev a 70% reduction in building energy use by 2030 relative to the 2006 codes.
	<b>Electric Utility Grant, Loan &amp; Rebate Programs</b> offered at state and municipal levels provide a wide selection of incentives to individuals and businesses for retrofitting and new construction.
	<b>Weatherization Program</b> provides energy efficiency upgrades to low-income households, and continues to exceed targets.
	<b>Jobs Act</b> provides \$100 million in competitive grants to public school districts and public higher education institutions for energy efficient facility improvements.
Clean Transportation	Clean Car Standards adopted from the California Air Resource Board (CARB) Standard for all new vehicles purchased after 2009, requiring lower emissions.
	<b>Biodiesel &amp; Ethanol Content</b> requires that 2% of annual diesel sales consist of biodiesel content while 2% of annual gasoline sales need to consist of ethanol.
	<b>Public Sector Biofuel</b> initiative to direct all state agencies and local governments to satisfy 40% of the fuel usage by electricity or biofuel.
	<b>Sound Transit Commuter Systems Improvements</b> of more than \$700 million (2011) in value for capital projects and light rail/ bus improvements to the Greater Seattle region.
Environmental Protection & Resource Management	<b>Brownfields Redevelopment Loan Fund</b> is a \$5.4 million fund offering low-interest loans to local governments and private owners for site clean-up.
	Waste Reduction Plan outlines five key priority areas to improve residential, commercial and industr waste reduction and management practices.
	<b>Urban Waters Initiative</b> is a \$2.5 million (2007) state-wide initiative which focuses on preventing contamination or re-contamination of waterways.
Knowledge & Support	Washington Clean Technology Alliance supports businesses who wish to take advantage of clean technology industry opportunities.