

Clean Energy Fund

Impacts in the Central Puget Sound Region

CLEAN ENERGY FUND IN ACTION CEF INVESTS IN INNOVATIVE TECHNOLOGIES AND RD&D

Impact Bioenergy will implement systematic, community-scale food waste biocycling on Vashon Island, WA. The decentralized system will eliminate the need to ship out food waste materials and bring in amendments like compost and fertilizer. Food waste will be converted to energy for heat, power and alternative fuel vehicles, liquid organic fertilizer and sequestered CO2 used in agriculture and horticulture. The goal is to demonstrate a highly-repeatable model for hyperlocal food “waste” conversion to renewable resources at a community scale (up to 5,000 lbs./day), that stimulates climate action and a circular economy, while promoting food and energy independence.

Impact BioEnergy

Mission Statement: Impact Bioenergy™ was formed in 2013, with the mission to construct and deliver the best bio-conversion technologies and services available, which will empower communities by making renewable energy and soil products locally through organic materials recycling

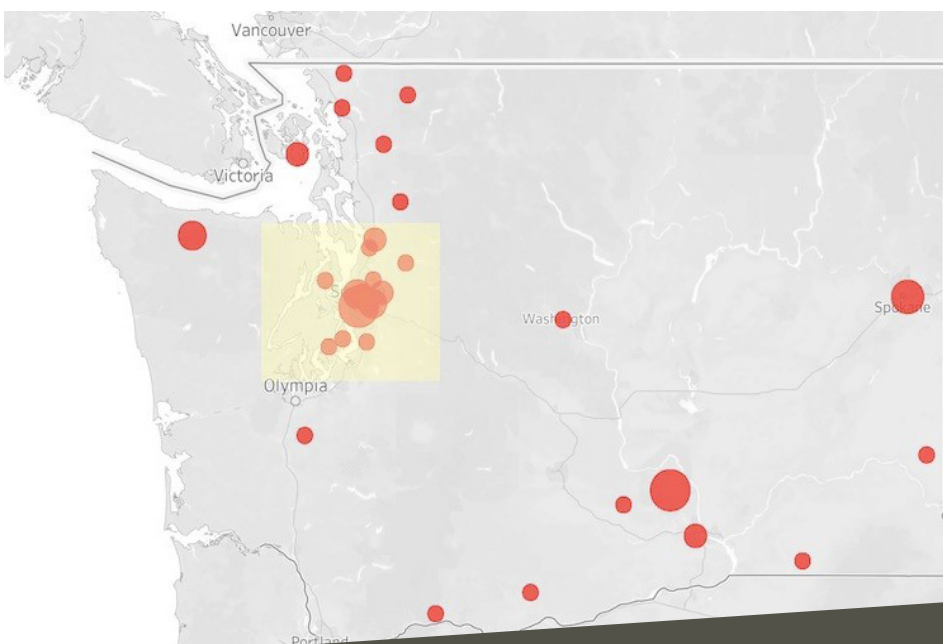
Location: Headquarters in Shoreline, Washington

Legislative District of Project: 34

Number of Employees: About 15

Annual Revenue: \$4.3 million in estimated annual revenue

Total Match to CEF funded project(s): \$936,800



Number of CEF projects in the Region: 25

CEF State Investment in the Region: \$46,567,000

Private Funds Leveraged: \$225,144,000

Map dots are centered on the reported ZIP Code of the project and thus are not representative of the exact project location. Multiple projects within a single ZIP Code are represented by larger dots. Map does not include all Clean Energy Fund projects or the sites of consumer or commercial investments facilitated by grantees under the Energy Revolving Loan Fund program.

Craft3 is a regional nonprofit that makes loans in Oregon and Washington that strengthen the resiliency of businesses, families, and nonprofits, including those without access to traditional financing. With Clean Energy Fund capital, it offers affordable home energy upgrade loans to homeowners that live in Seattle City Light, NW Natural, and Pacific Power service territory. It also has invested CEF dollars in twenty-five small business and nonprofit projects that have reduced energy consumption, generated renewable energy, and boosted cleantech manufacturing. Those commercial loans – made with over \$14 million in CEF capital – were matched by \$9.7 million in Craft3’s own funds and leveraged \$68.4 million in private capital.

Craft3

Mission: Craft3 is a regional nonprofit community development financial institution or CDFI that makes loans to strengthen the economic, ecological and family resilience in Oregon and Washington. Craft3 lends to established nonprofits as well as growing and start-up businesses – including those that don’t qualify for traditional loans. They also assist families of all income levels in financing energy upgrades, building accessory dwelling units, and replacing failing septic systems and aging manufactured homes.

Location: Craft3 has offices in Port Angeles, Seattle, Spokane and Walla Walla, Washington and in Astoria, Bend, Klamath Falls and Portland, Oregon. Their loans have benefited businesses and homeowners throughout the Pacific Northwest and have impacted communities across the region.

Legislative District of Office: 37 for their Seattle office but their loans help districts statewide

Number of Employees: Craft3 has 65 employees across eight offices in Washington and Oregon

Investment in State: \$38.7 million invested in 2018

Total Match to CEF funded project(s): \$81,565,523

ADDITIONAL PROJECT SPONSORS WITHIN THE REGION

Peninsula Light Company (PenLight)

Mission Statement: As a locally-owned, non-profit cooperative, PenLight focuses on objectives that benefits members including: Safety, System Reliability, Affordability, Member Services, Financial Strength, Government and Industry, Community Involvement, Power Resources, Employee Relations, Technology Advancements, Management and Board Relationship and Conservation & Energy. PenLight bides to the core purpose of: Helping our members satisfy the human demand for continually improving their quality of life.

Location: Based in Gig Harbor, PenLight serves 112 square miles including Gig Harbor, Fox Island and the Key Peninsulas.

Legislative District of Project: 26

Number of Employees: 50-200

Customers Served: PenLight serves over 30,000 homes and businesses

Total Match to CEF funded project(s): \$785,140

University of Washington (UW)

Mission Statement: University of Washington is defined by its belief in possibility and unshakable optimism that pushes the research university to tackle challenges, pursue progress, and turn ideas into impact that transforms lives and creates a world of good.

Location: The UW has three campuses located in Seattle, Bothell, and Tacoma, Washington.

Legislative District of Project: 43

Number of Employees: UW employs over 25,000 people

Research Funding: UW received over \$1.35 billion in research funding in 2018

Total Match to CEF funded project(s): \$5,614,096

ADDITIONAL PROJECT SPONSORS WITHIN THE REGION

Microsoft

Mission Statement: Microsoft enables digital transformation for the era of an intelligent cloud and an intelligent edge. Its mission is to empower every person and every organization on the planet to achieve more.

Location: Based in Redmond, WA but has offices all over the world

Legislative District of Project: 48

Number of Employees: 148,465 worldwide, 88,099 in the US, and 53,576 in Washington

Annual Revenue: In Fiscal Year 2019, Microsoft generated \$126 billion in revenue.

Total Match to CEF funded project(s): \$674,613

Puget Sound Cooperative Credit Union (PSCCU)

Mission: Puget Sound Cooperative Credit Union is a not-for-profit, member-owned financial cooperative that has grown to become a proactive contributor to environmental sustainability, financial security, and job creation.

Location: PSCCU has branches in Renton, Bellevue, Vashon, and Tacoma, Washington and their loans have statewide impacts.

Legislative District of Project: 41 for their offices but their loans help districts statewide

Number of Employees: Approximately 10

Branches: PSCCU has 5,341 shared co-op branches nationwide.

Total Match to CEF funded project(s): \$71,640,198

Dresser-Rand (Now Siemens Oil and Gas)

Mission Statement: Siemens is a global powerhouse focusing on the areas of electrification, automation and digitalization. One of the world's largest producers of energy-efficient, resource-saving technologies, Siemens is a leading supplier of systems for power generation and transmission as well as medical diagnosis. In infrastructure and industry solutions the company plays a pioneering role.

Location: The project took place in Redmond, Washington Siemens has worldwide offices

Legislative District of Project: 48

Number of Employees: Siemens employs about 50,000 people in the US

Annual Revenue: \$23.7 billion in fiscal year 2018

Total Match to CEF funded project(s): \$977,000

Washington State Housing Finance Commission

Mission Statement: The Washington State Housing Finance Commission is a publicly accountable, self-supporting team, dedicated to increasing housing access and affordability and expanding the availability of quality community services for the people of Washington.

Location: Their main office is located in Seattle, but loans provide statewide benefits.

Legislative District of Office: 43

Number of Employees: Between 50 and 200

Investment: With an operating expense of \$15 million in 2017, the commission invested \$3.4 billion in homeownership, multi-family housing, and community projects.

Total Match to CEF funded project(s): \$1,623,174

Seattle City Light

About: Seattle City Light is a public utility providing electrical power to Seattle and parts of its metropolitan area.

Legislative District of Project: 43

Number of Employees: 1,872 employees

Customers Served: About 776,336 residents with 422,810 metered customers

Total Match to CEF funded project(s): \$1,500,000

ADDITIONAL PROJECT SPONSORS WITHIN THE REGION

Corumat

Mission Statement: Corumat has developed a line of bio-derived plastics that allow for the replacement of solid plastic with as little as 1/3 the material.

Location: Headquartered in Mercer Island, WA

Legislative District of Project: 43

Number of Employees: Less than 10

Funding: \$1.32 million in investments

Total Match to CEF funded project(s): \$2,344,500

Sironix Composites

Mission Statement: Sironix renewables is a seed-stage company developing environmentally friendly and safe chemicals from plants to be used for industrial consumer products.

Location: Seattle, Washington

Legislative District of Project: 43

Number of Employees: About seven employees

Funding: Sironix has received over \$1.4 million in seed capital to develop biorenewable surfactant technologies

Total Match to CEF funded project(s): \$723,522

Oscilla Power

Mission Statement: Oscilla Power, Inc. (OPI) is developing advanced technology to harness electricity from ocean waves. Oscilla Power is a privately held company based in Seattle, WA. They are developing a low-cost wave energy converter to unlock the tremendous renewable energy potential of the world's oceans.

Location: Based in Seattle, Washington with satellite campuses in Edinburgh, Scotland and Kochi, India

Legislative District of Projects: 43

Number of Employees: About 11 employees

Annual Revenue: Approximately \$2.5 million

Total Match to CEF funded project(s): \$5,970,384

Battery Informatics

Mission Statement: Battery Informatics' mission is to become the leading provider of battery management solutions across energy storage applications. Their vision is that the combination of in-depth battery knowledge of performance and degradation with a deep understanding of stationary storage application requirements will be the foundation of next generation battery management.

Location: Poulsbo, Washington

Legislative District of Project: 23

Number of Employees: Approximately four employees

Annual Revenue: Less than \$1 million

Total Match to CEF funded project(s): \$429,493

PolyDrop

Mission Statement: To create safe, stable, and affordable conductive polymers for use in coatings and plastics.

Location: Kent and Bellevue Washington

Legislative District of Project: 33

Number of Employees: Less than 10

Annual Revenue: Less than \$1 million

Total Match to CEF funded project(s): \$650,000