

B.C. Fast Pilot Funded Projects

The B.C. Fast Pilot program provides up to \$200,000 for regional SMEs to design, build and operate a pilot plant or small demonstration of their technology in real-world conditions. The program allows B.C. technology companies to demonstrate the impact of their product, measure the value of their solution, and encourage customer adoption.

Round 1 – 2019/2020

\$2.3M awarded to 12 B.C. companies piloting projects across the province.
9 of the 12 projects had regional test sites, and 4 had Indigenous involvement.

Company: Acuva Technologies Inc.
Project Title: UV-LED Centralized Water-House for BC Off-Grid Indigenous Community
Industry Sector: Water Purification
Pilot City: Burnaby, B.C.

Company: Andion North America Limited
Project Title: MW-AOP
Industry Sector: Waste Management
Pilot City: Surrey, B.C.

Company: BI Pure Water (Canada) Inc.
Project Title: Remediation of Biogas Wastewater for the removal of Hydrogen Sulfide and Refractory Organics
Industry Sector: Environmental Systems Management
Pilot City: Surrey, B.C.

Company: British Columbia Biocarbon Ltd.
Project Title: Industrial Biocoal Demonstration and Data Collection
Industry Sector: Bio-refinery, Waste Management, Bio-energy, Bio-products
Pilot City: Richmond/Delta, B.C.



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Company: CommandWear Systems Inc.

Project Title: FNESS Emergency and Disaster Management System

Industry Sector: Emergency Management

Pilot City: Kamloops, B.C.

Company: Ecoation Innovative Solutions Inc.

Project Title: Low Emission Pesticide-Free Crop Production

Industry Sector: Agriculture

Pilot City: Delta, B.C.

Company: ExcelSense Technologies Corp.

Project Title: Self-Sufficient Self-Cleaning Cameras for the Autonomous Mining Vehicles

Industry Sector: Vision Systems

Pilot City: Merritt, B.C.

Company: GRT Holdings Ltd.

Project Title: Vancouver North Shore Dredge Remediation (Dredge Sand Desalination for Recycling/Re-purposing)

Industry Sector: Soil Remediation

Pilot City: Victoria, B.C.

Company: HEG Holdings Corp.

Project Title: Demonstrate transferability of firm's Hydrogen Internal Combustion Technology across multiple vehicle manufacturers

Industry Sector: Hydrogen Fuels

Pilot City: Delta/Prince George, B.C.

Company: Lightship Works Inc.

Project Title: BC Wildfire Service (BCWS) Initial Fire Reporting Application

Industry Sector: ICT, Data Management

Pilot City: Kamloops, B.C.



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Company: Noram Engineering Ltd.

Project Title: IsoFlo(TM) White Liquor Oxidation Reactor

Industry Sector: Pulp and Paper

Pilot City: Okanagan Lake

Company: Open Ocean Robotics Inc.

Project Title: Bathymetric Survey of Okanagan Lake Pilot Project using Solar Powered Autonomous Boat

Industry Sector: Autonomous Boats

Pilot City: Okanagan Lake

Round 2 – 2020/2021

\$3M awarded to 22 B.C. companies piloting projects across the province.

18 of the 22 projects have regional test sites, and 4 have Indigenous involvement.

Company: Acacia Power Solutions Ltd.

Project Title: Teck Corporation – Highland Valley Copper

Industry Sector: Electrical

Pilot City: Logan Lake, B.C.

Company: Advanced BioCarbon 3D Ltd

Project Title: COVID 19 Health Care Security for Canadians - N95 masks and sanitizers made from wood

Industry Sector: Manufacturing

Pilot City: Christina Lake, B.C.

Company: Aerosense Technologies Inc.

Project Title: UAV inspection patrol of electric powerline

Industry Sector: UAV Inspection Automation Software

Pilot City: Grand Forks, South Slokan and Kettle Valley



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Company: Aqua Intelligent Technology Inc.

Project Title: Remote monitoring and data analysis at drinking water utilities within Lytton First Nation

Industry Sector: Cleantech and Drinking Water

Pilot City: Vancouver, B.C.

Company: Artificially Inspires Technologies Inc.

Project Title: Robotic Strawberry Harvesting

Industry Sector: Agriculture

Pilot City: Qualicum Beach, B.C.

Company: Aurel Systems Inc.

Project Title: Kraft Mill Power Digital Twin and Real Time Optimization

Industry Sector: Pulp and Paper

Pilot City: Port Mellon, B.C.

Company: Aurora Industrial Machines Inc.

Project Title: Conduct a 90-day pilot field test of the M10 Matrix machine at Domtar industrial test site.

Industry Sector: Manufacturing of Next Generation Energy Efficient Electri

Pilot City: Kamloops, B.C.

Company: Cascadia Scientific Inc.

Project Title: Enhanced Performance Measurement Module

Industry Sector: Cleantech, Mining

Pilot City: Logan Lake, B.C.

Company: Clad Innovations Ltd.

Project Title: Kamloops Surgical Centre Retrofit

Industry Sector: Cleantech

Pilot City: Kamloops, B.C.

Company: CryoLogistics Refrigeration Technologies Ltd.



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Project Title: SnowSHIPTM Commercialization Project
Industry Sector: Cleantech, Manufacturing
Pilot City: Smithers, Prince George, B.C.

Company: Enterra Feed Corporation
Project Title: Petcurean Pet Nutrition Dog Food Trial
Industry Sector: Agriculture
Pilot City: Chilliwack, B.C.

Company: Geotronics Consulting Inc.
Project Title: ChemBox
Industry Sector: Agriculture
Pilot City: Okanagan, B.C.

Company: HTEC Hydrogen Tech and Energy Corp
Project Title: High Volume Hydrogen Gas Transfer Module
Industry Sector: Clean Fuels
Pilot City: Penticton, B.C.

Company: Lambda Science Inc.
Project Title: StepWin Retro Pilot
Industry Sector: Cleantech, Construction
Pilot City: Saanich, B.C.

Company: Lucent Biosciences
Project Title: Repurposing dairy waste into non-polluting fertilizer
Industry Sector: Biotechnology
Pilot City: Grindrod, B.C.

Company: Niricson Software Inc.
Project Title: Pilot Implementation of Niricson's Data collection technology to assess the condition of vertical walls of a Spillway structure
Industry Sector: Construction Tech



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Pilot City: Burnaby, B.C.

Company: Parkizio

Project Title: Plugzio Level 1 EV Charging Pilot - large scale

Industry Sector: Cleantech

Pilot City: North Vancouver, Vancouver, B.C.

Company: Point 3 Biotech Corp.

Project Title: Dairy/Poultry/Hog Co-Digestion to Enable

Industry Sector: Agriculture

Pilot City: Abbotsford, Chilliwack, Fraser Valley, B.C.

Company: Portable Electric Ltd.

Project Title: VOLTstack 5k Solar+ BC Fast Pilot

Industry Sector: Cleantech

Pilot City: Squamish, B.C.

Company: Quanto Tech Solutions Ltd.

Project Title: QShed

Industry Sector: Agriculture

Pilot City: Mackenzie, B.C.

Company: Taeron Systems Inc.

Project Title: Low Cost Brushless DC Pump System for Helicopter Wildfire Suppression

Industry Sector: Aerospace Product and Parts Manufacturing

Pilot City: Coldstream, B.C.

Company: Valid Manufacturing

Project Title: Valid Nutrient Recovery Demonstration

Industry Sector: Engineering

Pilot City: Grindrod, B.C.