



ICICLE TECHNOLOGIES INC. (A DIVISION OF BURTON SOFTWARE INC.)

\$175K

FUNDED BY THE CANADA-BC AGRI-INNOVATION PROGRAM



INTERNET OF THINGS CLOUD COMPUTING

ICICLE FOOD PRODUCTION MANAGEMENT SYSTEM

Background

- Headquartered in Richmond, B.C.; Icycle Technologies Inc.'s cloud-based software "Icycle" automates food safety instead of merely digitizing it, using technology that connects quality assurance, traceability, food safety, and vendor management under a single, unified digital platform.
- Icycle automates documentation and third party certifications, reducing the administrative burden significantly.
- Burton Software initiated the project in 2011 with three employees. During the 2 1/2 years since, Icycle went through a series of beta trials until the application grew to become a food production management system in 2016.
- \$175,665 since 2013 from the Canada-BC Agri-Innovation Program allowed Icycle Technologies to commercialize Icycle and target product development and adoption by small and medium-sized enterprises in BC.

\$21M

POTENTIAL SAVINGS IF FOOD MANUFACTURERS ADOPT ICICLE

FOOD SAFETY IN B.C.

Food-borne illnesses are a major food safety concern expressed by the public. This technology aims to enhance food safety and reduce this concern.

39

NUMBER OF JOBS BY 2019



INCREASED FOOD SAFETY AND EFFICIENCY

Benefit to British Columbia

- Since 2014, Icycle Technologies estimates that \$6 million have already been saved by 22 food processors in B.C.
- The system enhances audit support by enabling auditors, company officials, and consultants to collaborate online, often reducing audit times by up to 40%.
- What started as a three-person team in 2011 is projected to create an additional 39 jobs by 2019.
- The software solutions allows small and medium-sized companies to quickly and cost-effectively create and manage food safety programs, allowing them to innovate, grow, and maintain market share.
- Regulations emerging in Europe and the U.S. will mandate a much higher food safety standard in the future.

Funding for the Canada-BC Agri-Innovation Program has been provided by the Governments of Canada and British Columbia through *Growing Forward 2*, a federal-provincial-territorial initiative.

