



INFORMATION ON THE COMPLETED PROJECT
CONTRIBUTION AGREEMENT

Enhanced Forest Inventory: Innovation in Alberta

Forsite Consultants Ltd. is an Alberta-based company that works on Enhanced Forest Inventories with exceptional accuracy. Enhanced Forest Inventories, or “EFIs,” are digital systems forest managers use to take stock of their stands. EFIs use satellite or remote-sensing technology to collect data and create images of forest stands. They also display visual and numerical information about stands’ characteristics, such as their overall health or height.

PROJECT TITLE

Enhanced Forest Inventory: Strategic Inventory
Innovation in Alberta

ORGANIZATION

Forsite Consultants Ltd.

CONTACT

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START DATE

April 1, 2020

END DATE

March 31, 2023

Forsite is working on the first steps to integrate its highly detailed EFIs into the [Alberta Vegetation Inventory \(AVI\)](#) database. The AVI is a publicly available digital system similar to an EFI created by the Alberta provincial government. It records and displays information on not only trees, but vegetation across the province.

By the end of its project in 2023, Forsite aims to use its EFI systems to generate a sample inventory on four 100,000 ha example areas in Alberta. Forsite will use similar data structures to the AVI in its project to enable its integration with the provincial system.

Integrating Forsite’s highly detailed EFIs into the Alberta Vegetation Inventory will allow industry and government workers to access highly detailed information on both trees and vegetation. Detailed EFI systems can improve efficiency and decision-making in the forest sector. These rich sources of information help those in charge of Alberta’s forests meet the challenges created by natural disturbances and climate change.

