



PROJECT PROFILE: BIO RESOURCE INFORMATION MANAGEMENT SYSTEM

SUPPORTING ANALYSIS, POLICY DEVELOPMENT AND INVESTMENT

The Bio-Resource Information Management System (BRIMS) is a publicly available data and information management system connecting the world to Alberta's biomass, ecosystem services and land-use data.

PROJECT LEAD

Silvacom

OVERVIEW

A multi-year project, BRIMS was created under the collaborative efforts of Alberta Innovates and Silvacom with data partnerships from the Alberta Biodiversity Monitoring Institute (ABMI) and the Agriculture Financial Services Corporation (AFSC) to respond to the need for a centralized location for provincial bio-resources data. BRIMS is a world-class, publicly available data and information management system that collates inventories from forestry, agriculture, and municipal sectors to create a centralized, comprehensive assessment of biomass, ecosystem services, and land use data. It aims to advance the bio-economy in Alberta by supporting investment, guiding policy development, and fostering further analysis.

OUTCOMES

A significant amount of research and development went into the creation of the BRIMS database and application. Now, access to this information is provided through an

online interactive web application, enabling informed bio-resource management and investment decisions in the province.

THE ESN CONNECTION

In addition to developing an innovative web application for generating user-specified biomass prospectuses, the BRIMS initiative: (a) identified best practices associated with biomass inventories, (b) defined a comprehensive and data-centric framework for acquiring and organizing biomass information, (c) provided a clear blueprint for standardization and integration of complex data sets across both the green/forest and white/agricultural zones of Alberta, and (d) introduced a new way of communicating complex scientific issues through an animated video.

LEARN MORE

About the project at brims.ca

About the ESN at ecoservicesnetwork.ca and follow us on Twitter, Facebook and LinkedIn