

Environment & Sustainability Project Examples



<p>Project: Policy analysis & business case for recycling and reuse of wood wastes</p>
<p>Proponent: Fraser Valley Regional District</p>
<p>This project focused on the following.</p> <ul style="list-style-type: none"> ▶ developing environmentally appropriate alternatives to disposal of wood wastes within the Fraser Regional District (FVRD) ▶ conducting a feasibility assessment of selected alternatives for recycling and reuse of Fraser Valley wood wastes. ▶ preparing a business case for a proposed wood waste recycling and re-use initiative.
<p>Project: Forestry carbon offset project planning</p>
<p>Proponent: Ontario Ministry of Natural Resources and Forestry</p>
<p>Consulting team leader and primary researcher for a two-part project that assessed issues and opportunities for development of forest carbon offsets on Ontario Crown lands. Part 1 was an evaluation of the content and requirements of high quality forest carbon offset protocols as the basis for drawing conclusions regarding their suitability for adaptation and use on Crown lands in Ontario and/or to serve as a reference point for the development of a new Ontario protocol. The evaluation identified key policy and protocol-related issues that need to be addressed by government to facilitate protocol adaptation or development work. It also proposed means to resolve issues and overcome roadblocks to the implementation of forest carbon offset projects on Crown lands in Ontario. Part 2 identified and summarized best practices and opportunities to supply forest carbon offset credits from Crown lands in Ontario for use in a regulated compliance market. This required a qualitative evaluation of various forest management practices and their potential to supply offset credits in relation to high quality protocols.</p>
<p>Project: Permitting for 4 wind energy projects</p>
<p>Proponent: Zero Emission Energy Developments, Inc. (ZED)</p>
<p>Technical lead in land and resource use, economics, socio-community and visual aesthetics for a team that prepared a Development Plan and other permitting documents for each of Zero Emission Energy Developments, Inc.'s four wind energy projects in BC's southern Interior. This work focused on assessments of population, economic development, labour market, housing, community infrastructure, land and resource use, and visual aesthetics and included preparation of impact indicators, development of mitigation measures, and interactions with regulators.</p>
<p>Project: Environmental assessment of coal mines</p>
<p>Proponent: Teck</p>
<p>Technical lead in economics, and land and resource use and support for socio-community topics for teams that prepared an environmental assessment and other permitting documents for Teck's Baldy Ridge Extension (BRE) project and were preparing an environmental assessment of the halted Coal Mountain Phase 2 project. This work focused on assessments of land and resource use, economic development, population, housing, community infrastructure, and labour market matters and included input-output (I-O) economic impact modelling of the project, preparation of socio-economic assessment indicators, pre-application documents, development of mitigation measures, drafting of open house materials, writing of IRs and interactions with regulators. See https://projects.eao.gov.bc.ca/api/document/5886977ce036fb0105769258/fetch</p>