

ECO-INDUSTRIAL SOLUTIONS LTD

SUSTAINABLE INDUSTRIAL DEVELOPMENT

Eco Industrial Solutions helps regions, cities and municipalities balance the need for industrial growth with the need for sustainable community planning.



Hwy 63 North Eco-Industrial Park, Fort McMurray

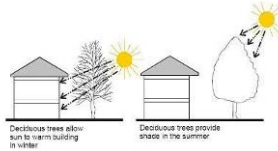
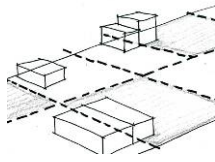
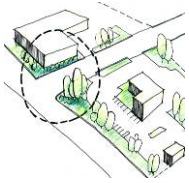


Innovista Eco-Industrial Park, The Town of Hinton



Eco-Industrial Park Illustrated Concept Plan, Spruce Grove

The Results of our work are industrial parks, infrastructure systems, and communities that cost less to operate, make more efficient use of available lands, and have positive environmental effects. Our services cover eco-industrial planning, design, & development management.



ECO-INDUSTRIAL PLANNING

- Policy frameworks that support eco-industrial & sustainable economic development
- Green funding liaison (GMF application expertise)
- Re-zoning, subdivision approvals, public participation

ECO-INDUSTRIAL DESIGN

- Balancing practicality and innovation
- Green buildings
- Green infrastructure
- More efficient and ecological land use
- More profitable, resource - efficient industries

DEVELOPMENT MANAGEMENT

- Eco-industrial proformas & business cases that account for the triple -bottom line
- Business & Marketing plans
- Project management
- Applying sustainable design & development principles

WHAT IS ECO-INDUSTRIAL NETWORKING?

EIN embraces a systems approach and lessons from nature. In practice, EIN creates collaborative relationships (networks) between businesses, governments, and communities to more efficiently and effectively use resources, such as materials and energy, but also including land, infrastructure, and people.

In practice, this results in:

- "Waste = food" synergies
- Multi-objective infrastructure systems (utilities / services)
- Sustainable economic development;
- More efficient land use planning
- Green buildings, technologies & practices
- Greater returns for capital investment
- Leveraged partnerships between public and private organizations; and
- Integral consideration of ecological, social, and economic impacts.

318 Homer St, Suite 501 **Vancouver**, B.C. Canada, V6B 2V2 ♦ 604-737-8506 ♦ info@ecoindustrial.ca

#200, 2825 Saskatchewan Dr **Regina**, SK. Canada, S4T 1H3 ♦ 306-789-9799 ♦ jc@ecoindustrial.ca



www.ecoindustrial.ca

SELECT PROJECTS

Since 2001, we have successfully executed projects ranging in size from workshop design and facilitation, to management of multimillion dollar industrial developments. Our approach is technically rigorous, holistic, and multi-disciplinary.

ECO-INDUSTRIAL PARKS

Town of Hinton, AB - Innovista Industrial Park is the most innovative greenfield industrial development in Canada. EIS crafted Canada's first eco-industrial park development proforma, and Canada's first eco-industrial zone, as well as helped the Town secure more than \$5 million in GMF funds. EIS is providing project management, and development advisory support for design, construction, and marketing. (www.eip.hinton.ca)

Fort McMurray, AB - Planning, design and development management of an ecologically sustainable and highly efficient 65 acre industrial park. Will feature green infrastructure and sustainable design approaches that will illustrate development principles that are above the standard. EIS is playing a similar development management role for this project. (www.taiganova.com)

Ross Eco-Industrial Park Project, Regina, SK - Identification of EIN opportunities for sustainable transportation (e.g. site planning/design; business practices; and/or renewable fuel pilot projects) in an industrial park with more than 400 businesses.

GREEN INFRASTRUCTURE

Brazeau County Ecological Wastewater Treatment Feasibility Study - Technology screening, eco-industrial opportunity assessment, and design of a new solar aquatics™ wastewater treatment facility in the Hamlet of Cynthia. First of its kind for cold climates. Final design reduced energy consumption by 74% and created a lower footprint, more aesthetically pleasing infrastructure system.

EIN in the Vilcanota Valley, Peru - EIN incorporated into the Vilcanota Valley Rehabilitation and Management Programme. Tourism capacity building and infrastructure development; urban services and infrastructure rehabilitation; local economic development; and strategic planning and municipal capacity building.

SUSTAINABLE ECONOMIC DEVELOPMENT

Spruce Grove, AB - Eco-industrial plan that will also serve as a marketing tool to guide and facilitate the development of Spruce Grove industrial lands in a sustainable and systematic manner. Included detailed resource baseline, and opportunity assessment, with a focus on how a municipality can support private eco-industrial development.

Greater Sudbury, ON - Development of a region-scale eco-industrial networking strategy to attract and retain progressive industries. Included a materials and energy synergy finder software tool.

Sustainable Housing Policy - Mexico. Preliminary baseline assessment of Mexico's housing industry; identification of opportunities to apply principles of EIN, sustainable community planning, and green buildings to national housing policy.

POLICY & PLANNING

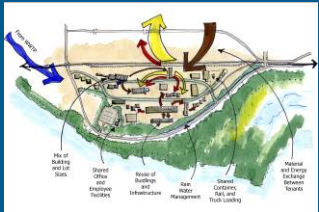
Smart Growth™ on the Ground Design Charrette, Squamish, BC - Four day Charrette. Provided EIN opportunities from a physical, sustainable community design perspective. Opportunities for industrial densification, shared office space, diverse building/lot sizes, materials/energy exchanges, rainwater collection & treatment, and shared transportation infrastructure.

Maplewood Community Eco-Industrial Partnership Project, District of North Vancouver, BC - 550-acre area with residential, commercial, industrial, and ecologically sensitive areas along Burrard Inlet. Facility audits, EIN opportunity assessment, and Design Charrette (maplewoodproject.org).

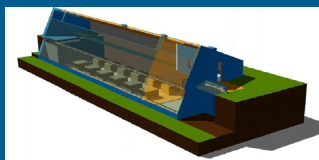
Centre for Environmental Excellence Strategic Plan, Corner Brook, NL - Looking to establish Corner Brook and Western Newfoundland as a major, provincial Centre for Environmental Excellence, which has been formalized as top priority provincial government industrial policy.



Maplewood Eco-Industrial Design Charrette, Dist. North Vancouver, BC



Squamish Smart Growth on the Ground™ Charrette, Squamish, BC



Brazeau County Solar Aquatics Facility



Foundations for Sustainability for Spruce Grove & Sudbury Projects