

Dryden

ONTARIO • CANADA

Fostering Wood Processing Success



ONTARIO
CANADA

www.ExploreDryden.ca

*“Rich boreal forests,
well-developed
infrastructure, industry-
promoting programs—
Dryden has created the
foundation for a successful
wood processing industry.
Consider the advantages
of locating in Dryden”*



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THE ADVANTAGES

OF LOCATING IN DRYDEN



“Dryden is situated in the heart of Canada’s rich boreal forests. It has the infrastructure and community resources to support a vibrant, sustainable forest sector.”





Dryden's Competitive Advantages

- Nearby, long-term, assured wood supply
- Cost-effective, certified fibre supply suited to many processes
- Trained, reliable workforce with forest sector experience
- Location along Trans-Canada Highway 17, with ready road access to Canadian markets and a two-hour drive south to the Canada–U.S. border
- Rail access through Canadian Pacific (CP) and the Canadian National Railway Company (CN)
- Shipping access to world markets through Thunder Bay, the largest outbound port on the Great Lakes St. Lawrence Seaway System
- Significant government incentives designed to attract and support investment



ADVANTAGE DRYDEN

Dryden operates as a regional transportation hub. Centrally located on a well-established road, rail and shipping network, it offers open, cost-effective access to North American and global markets.

*“Sustainably managed,
Dryden area forests offer
a long-term, assured wood
supply suited to a wide
range of value-added wood
processing facilities.”*

OUR FORESTS AND THEIR SUSTAINABLE MANAGEMENT



Forests of Ontario and Dryden

- Ontario's forests cover over 690,000 square kilometers, accounting for 17% of Canada's forests and 2% of the world's forests.
- Northern Ontario's boreal forests account for 76% of the province's woodlands. Dryden's forests cover 68,000 square kilometers.
- Dryden area forests are dominated by jack pine (*Pinus banksiana*), white spruce (*Picea glauca*), black spruce (*Picea marianna*), balsam fir (*Abies balsamea*), aspen poplar (*Populus tremuloides*) and white birch (*Betula papyrifera*), with some red pine (*Pinus resinosa*) and white pine (*Pinus strobus*).
- The area's developed road network of primary and branch roads is supported by Ontario's Primary Roads Funding Program.



ADVANTAGE DRYDEN

Dryden has been a source of high-quality lumber and pulp and paper products for about 100 years. The workforce's commodity production know-how can help Dryden diversify its economy as it moves toward value-added production.

Sustainable Forest Management

- Dryden area forests are sustainably managed through long-term, ecosystem-based forest management plans.
- Key elements of sustainability include public involvement, Aboriginal involvement and adaptive management.
- Ontario's Crown Forest Sustainability Act and Environmental Assessment Act ensure long-term forest ecosystem health, the basis of an assured, sustainable wood supply and a healthy and vibrant forest industry.
- Ontario's forest management planning system is recognized as one of the most stringent and respected in the world.
- All forests in Ontario are certified by independent, third-party organizations, including Sustainable Forestry Initiative (SFI), Forest Stewardship Council (FSC) and Canadian Standards Association (CSA). The Wabigoon Forest is certified to CSA and FSC standards.



WOOD SUPPLY



“Ontario’s forests produce wood fibre that is preferred by manufacturers around the world.”



ADVANTAGE DRYDEN

Dryden possesses the wood supply, facilities, infrastructure and labour force to support a healthy primary industry—the basis of a vibrant value-added wood processing sector.

First-class Wood Supply

- Dryden produces premium lumber, first-class pulp and paper products, and other value-added products.
- Ontario wood products are renowned for their high quality.

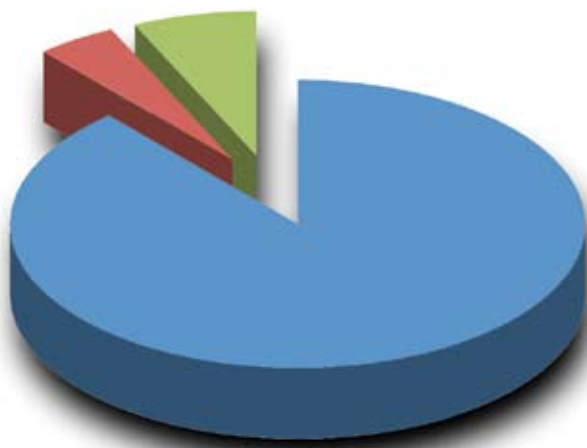
Accessing Ontario's Wood Supply

- Ontario offers wood supply commitments through long-term agreements. These agreements secure long-term access to a sustainable supply of forest resources from Ontario's Crown land.
- The Crown offers wood supply commitments to processing facilities through:
 - o **Sustainable Forest Licences (SFLs):** These long-term licences confer the right to harvest and use all volumes of a species, except for those listed in directives or other commitments made by Ontario's Minister of Natural Resources.
 - o **Schedule 'E' commitments:** These commitments in an SFL list facilities that receive volumes of wood fibre from a forest through:
 - Wood Supply Agreements
 - Ministerial Commitments
 - Business-to-Business Agreements



Wood Supply Availability

- At the heart of nine forest management units, Dryden is an access point to high-quality, cost-effective wood supplies that can support value-added processing facilities.
- Forestry-related companies in the Dryden area are very eager to work with new investors.
- A surplus volume of white birch (*Betula papyrifera*) and aspen poplar (*Populus tremuloides*) presents an important economic opportunity.
- A new value-added facility in the Dryden area would have access to an abundant, cost-effective wood supply.



Annual Available Wood Supply in Dryden Area

- Readily Available 1,593,000 m³
- Potentially Available 78,000 m³
- Business Relationships 124,000 m³

Source: Crown Land Asset Inventory, August 2009

Forest Volume Availability

The Dryden area offers forests volumes that can be categorized as:

- **Readily Available:** This includes volumes that are currently undirected. Interested companies can apply to the Crown for a wood supply commitment.
- **Potentially Available:** These volumes include wood supply commitments that are currently directed to idled facilities.
- **Potential Business Relationships:** These include wood supply commitments to SFL holders that are currently operating but may be interested in a business relationship in which another facility would use part of the wood supply.

Dryden Area Woodshed



Dryden, Ontario CANADA

VALUE-ADDED OPPORTUNITIES



“Aspenware has chosen Dryden, Ontario as a location for a number of reasons. These include, transportation infrastructure, skilled workforce, willing industry partners, and welcoming business environment.”

– Terry Bigsby, President of Aspenware



Value-added Opportunities

Dryden area's available wood supply can support many types of value-added processing, including:

- **Veneering Facility:** Veneer is a primary forest product that can be used to manufacture value-added products. There is an opportunity to establish a veneering facility in Dryden to supply value-added manufacturers like Aspenware.
- **Wood Pellet Plant:** A strong complement to a veneering operation is a wood pellet plant. Veneering operations generate significant amounts of waste, which can be manufactured into wood pellets.
- **Finger-joining Plant:** Dryden offers opportunities to manufacture finger-jointed, value-added products from the available and surplus volumes of some wood species. Products could include mouldings, window and door jams, window casings, door styles, drawer components and furniture material.
- **Specialty Sawmill:** A specialty sawmill is a sophisticated, flexible facility that produces higher-value wood products for advanced solid wood manufacturers. In Dryden, the opportunity for a specialty sawmill facility is to support the value-added wood product facilities that develop here.

Aspenware Inc.

When demand for its disposable, biodegradable, wooden cutlery products prompted Aspenware Inc. to expand, it looked across Canada for the right new location.

A growing company based in British Columbia, Aspenware was looking for the right mix of raw materials, infrastructure, transport options, workforce skills and business environment. It found that mix in Dryden, Ontario, where it is building a 50,000 sq. ft. value-added wood product manufacturing facility.

The facility will use readily available birch and aspen to produce more than 600 million wooden cutlery products annually. It will turn to as many as three satellite veneering operations within a three-hour drive of the facility to help finish its products.

For Aspenware, a growing company of forward-thinking environmental trail blazers, the future is in Dryden.

OPPORTUNITIES



Forest Biomass Fuel

State-of-the-art technologies nearing commercialization are being hailed as candidates to extract the potential energy in forest biomass. The forest biomass available near Dryden can be used for several advanced products, including:

- Liquid biofuels: ethanol, cellulosic ethanol, bio-diesel and bio-oil
- Solid biomass products: pellets, biocarbon, cubes and torrefied wood

The fuels are used for:

- Combustion heat and power
- Gasification, for heat and power

Dryden offers R&D facilities to support companies that are finalizing their technologies and embarking on a path to commercial success. Dryden is poised to be a Centre of Excellence in Research and Development for Ontario's Bioeconomy.

Industry Clustering in Dryden

- Co-location of complementary R&D, green technology incubation, manufacturing, processing, training and transportation facilities can foster industry efficiencies, synergies and cost savings. For example:
 - o Cluster partners may be able to share the costs of transporting raw materials and using waste fibre.
 - o Cluster partners can gain cost-effective access to support services developed and offered by companies that understand the business needs of wood processing facilities.
- Dryden Development Corporation can facilitate discussions between cluster companies, to find cost-saving opportunities.

Dryden: Innovation Centre

- Dryden Development Corporation (DDC) is establishing an Innovation Centre that will help companies advance toward successful commercialization. The state-of-the-art facility offers space to conduct industry-specific, customized, clean trades training, industry workshops and conferences, and R&D.
- Canada's NRC Industrial Research Assistance Program (NRC-IRAP), supports small- and medium-sized enterprises by providing financial, technological and networking assistance, including grants for research and the pre-competitive development of technology to be used in commercial services, products and processes.



ADVANTAGE DRYDEN

Class A buildings and greenfield development sites are readily available for purchase to support the establishment of a business incubator, training centre or R&D facility. The DDC can help you find the right building or development site.

INCENTIVES

AVAILABLE TO MANUFACTURERS



“Federal and provincial incentives and support programs are available to facilitate the diversification of Dryden’s forest sector.”



ADVANTAGE DRYDEN

Dryden offers ample opportunities and incentives to launch or relocate a business. Tax rates and land costs are low, with no development charges. The resource base is rich. Dryden is a regional financial, accounting, real estate, health-care and transportation hub.

Funding Programs and Investment Incentives

Incentives may be available to companies that locate in the Dryden area. To learn more about the following or other incentives suited to your business, call the DDC.

Forest Sector Loan Guarantee Program—\$350 Million over Five Years

- Loan guarantees to stimulate investment in value-added manufacturing, energy conservation and energy co-generation

Advanced Manufacturing Investment Strategy (AMIS)—\$10 Million

- Interest-free loans for five years to help manufacturers develop leading-edge technologies and innovations

NexGen BioFuels Fund—\$500 Million

- Supports first-of-kind commercial-scale production of next-generation fuels, up to 40% of eligible costs

Northern Ontario Heritage Fund Corporation (NOHFC)

- Emerging Technologies Program encourages intellectual property development and commercialization of new technologies
- Northern Energy Program has four distinct funding programs:
 - o Renewable Energy Planning
 - o Renewable Energy Capital Cost-Differential Assistance
 - o New Internal Energy Generation Projects
 - o Energy Conservation Pilot Projects

FedNor

- Several programs to help support the commercialization and use of advanced technology in the value-added products industry



SUPPORT FOR WOOD PROCESSING



“Dryden Development Corporation (DDC) offers flexible, customized support to help investors succeed in Dryden.”

Supporting Value-Added Wood Processing in Dryden

Available Sites

- Dryden offers many suitable greenfield sites, including those in the new fully-serviced and affordable Norwill Industrial Park Expansion, located just off the Trans-Canada Highway.
- Additional facilities in Dryden and area could be adapted for use.

Wood Processing Support Services

- Abundant, currently underutilized harvesting and primary processing capacity is available at competitive prices.
- The transportation hub of Northwestern Ontario, Dryden offers low shipping costs with southbound and eastbound backhaul opportunities. Transportation options include:
 - Trans-Canada Highway 17, which runs east–west, linking Dryden to Thunder Bay and Winnipeg. Highway 502 runs north–south, linking Dryden to Trans-Canada Highway 11, as well as to the U.S. border at Fort Frances.
 - Dryden Regional Airport offers daily freight, charter and scheduled service.
 - Access to rail service.
 - The Port of Thunder Bay, a deep water port served by Canadian Pacific Rail, offers access to the Great Lakes St. Lawrence Seaway System.

Trained, Available Workforce

- Dryden’s (2009) population is 8,700. It has a labour shed area population of 21,500 and a labour pool of 4,650 with 9,200 workers within a reasonable commuting distance.
- Dryden’s immediately available labour supply includes workers with manufacturing and harvesting skills, many of whom have dual trade certification.
- Confederation College of Applied Arts & Technology—Dryden Campus, offers full- and part-time, and evening courses, including pre-apprenticeship training and education upgrades.



ADVANTAGE DRYDEN

DDC will help you find and complete funding applications. It can also supply up-to-date wood supply data, help with access to property and other incentives, set up tours and facilitate partnerships with First Nation communities.



Dryden Is Worth Investigating—And We Can Help

Learn more about Dryden, our area forests and the services you can call on to help expand or relocate your business in our area. Just call Vicki Kurz toll free at 1-877-737-9336 (North America) at the Dryden Development Corporation or e-mail vkurz@dryden.ca.

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Mixed Sources

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