



WINDOWS INTO THE FUTURE

Dynamic Windows and Doors is manufacturing Canada's first line of certified high-performance windows and doors for growing passive house (*passivhaus*) market.

- the *passivhaus* standard is one of the most efficient design and construction mechanisms to reduce energy consumption in buildings
- *passivhaus* windows must meet the strictest design and manufacturing regulations to minimise heat transfer from the inside to the outdoors
- made-in-Canada *passivhaus* windows and doors increase product diversity, encourage competitiveness and contribute to growth in Canada's advanced wood manufacturing sector



UTILIZING CANADA'S FORESTS: RESULTS EXPECTED

PASSIVE HOUSE GROWTH IN CANADA

2010: 1
2015: 50+



FULL-TIME JOBS CREATED

75

BC YELLOW CEDAR AND DOUGLAS FIR

1.5 MILLION
BOARD FEET EACH YEAR

INNOVATING WITH WOOD

- windows and doors in *passivhaus* construction must meet strict specifications to ensure increased warmth, efficiency and lower energy costs
- Dynamic's condensed manufacturing process reduces the number of production steps from **11 to 6**
- Dynamic has introduced technology not currently used in Canada to make wood window systems

POTENTIAL OPPORTUNITIES

JOBS: SPINOFF EMPLOYMENT EFFECTS FOR CANADA'S EMERGING PASSIVE HOUSE INDUSTRY

MARKET: INCREASED SALES OF CANADIAN LUMBER PRODUCTS

ENVIRONMENT: LOWER ENERGY CONSUMPTION COSTS FOR CONSUMERS AND INCREASED ENERGY EFFICIENCY



DYNAMIC WINDOWS AND DOORS IS NORTH AMERICA'S LEADING MANUFACTURER OF CUSTOM WINDOWS AND DOORS

PROJECT LOCATION:
ABBOTSFORD, BRITISH COLUMBIA

*We at Dynamic Windows and Doors can now offer a made-in-Canada alternative to European *passivhaus* window and door products that exceed standards for energy efficiency. This has increased our bottom line while helping the environment.*

— Rob Evans, VP Operations
Dynamic Architectural Windows & Doors

Investments in Forest Industry Transformation Program: In 2010, Natural Resources Canada's Canadian Forest Service created the Investments in Forest Industry Transformation Program (IFIT) to support Canadian companies to develop and grow markets for new and innovative high-value products using Canada's forest resources. *For more information www.nrcan.gc.ca/forests/federal-programs/13139*

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