



## INNOVATIVE NEW PULP

**Domtar** is installing a commercial demonstration facility to produce a unique modified pulp product with better properties and end-use performance which could lead to other value-added applications.

- first of its kind process to be implemented at a Canadian market pulp mill
- the modified fiber will be used in different formulations and combinations with the mills existing pulp product
- first time cost effective, high performance blends of modified fiber and Northern Bleached Softwood Kraft (NBSK) pulp are commercially produced in the world on a commercial scale



## UTILIZING CANADA'S FORESTS: RESULTS EXPECTED

**DRYDEN PRODUCES 350,000 TONNES OF MARKET NBSK ANNUALLY. MODIFIED FIBRE WILL BRING ADDED VALUE TO THE CURRENT CUSTOMER BASE AND PROVIDE NEW MARKET OPPORTUNITIES**



**STABILITY OF CURRENT WORK FORCE**  
**340 DIRECT ON-SITE**  
**816 ADDITIONAL DIRECT IN THE LOCAL ECONOMY & 5,000 INDIRECT LOCAL JOBS**

## INNOVATING WITH WOOD

- the installed system will produce Domtar's proprietary modified pulp fibers
- this is blended with conventional fibers to create and deliver several novel grades of premium pulp with customized and significantly enhanced performance attributes
- new grades can be custom blended to meet specific customer needs

## POTENTIAL OPPORTUNITIES

**MARKET: NEW PREMIUM PULPS WILL PRESERVE AND EXPAND MARKET SHARE AND PROFITABILITY**

**COMMUNITY: VALUE AND ECONOMIC SUSTAINABILITY OF THE DRYDEN MILL INCREASED**

**ENVIRONMENT: REDUCTION IN GHG EMISSIONS BY UP TO 20,000 TONS PER YEAR DUE TO INCREASED EFFICIENCY IN THE USE OF PULP FIBRES**



**DOMTAR IS AN INTEGRATED MANUFACTURER AND MARKETER OF PULP AND PAPER AND PERSONAL CARE PRODUCTS.**

**PROJECT LOCATION: DRYDEN, ONTARIO**

*Domtar continues to pioneer the innovative development of new products that better serve customers and maintain the sustainability of our forests.*

— Bruno Marcoccia, Director of Research and Development Pulp and Paper Division, Domtar Inc.

**Investments in Forest 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](http://www.nrcan.gc.ca/forests/federal-programs/13139)*

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