



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 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*

