



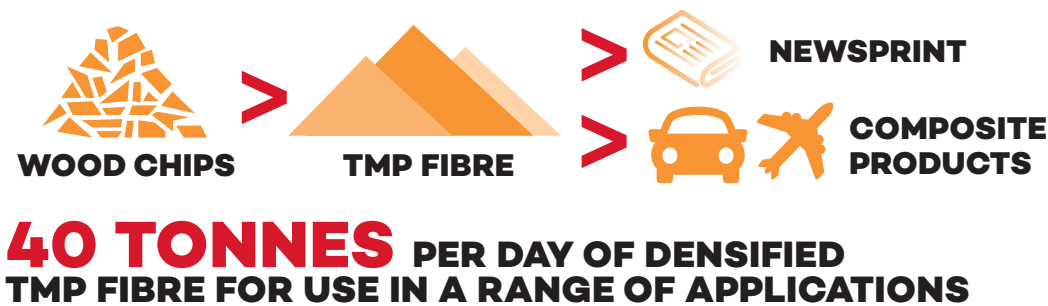
# WOOD FIBRE FOR BIOCOMPOSITES

Papier Masson WB LP is introducing a new process — the first of its kind in North America — to produce wood fibre to be used in the production of wood-plastic composites:

- Papier Masson will be modifying their thermo-mechanical pulp (TMP) production line to extract the new fibre for use in a variety of applications.
- This fibre will replace non-renewable polymers to make wood-plastic composites for diverse products such as interior car door panels.
- Not only can the new fibre be extracted without reducing the current pulp production rate, but the energy required to refine the pulp will be reduced by 15 percent.



## UTILIZING CANADA'S FORESTS: RESULTS EXPECTED



**160 LOCAL JOBS SUSTAINED**

### INNOVATING WITH WOOD

- TMP fibre can be up to six times longer than fibre used in wood-plastic composites currently produced
- long fibre strengthening properties that are superior to traditional composite materials
- extracted fibre that is chemical-free
- range of commercial and niche applications for the fibre such as aircraft and automobile parts

### POTENTIAL OPPORTUNITIES

**ECONOMIC: NEW PRODUCT OFFERING WILL SUPPORT PROFITABILITY AND SUSTAINABILITY OF THE MILL**

**ENVIRONMENT: CLEAN, CHEMICAL-FREE WOOD FIBRE REPLACING POLYMERS IN EXISTING BIOCOMPOSITES**

**MARKET: ACCESS TO EMERGING BIO-PRODUCTS MARKETS**

**ENVIRONMENT: IMPROVED ENERGY EFFICIENCY AT THE MILL**



**PAPIER MASSON WB LP OPERATES A STATE-OF-THE ART, SINGLE LINE NEWSPRINT MANUFACTURING FACILITY AND MANUFACTURES 250,000 TONNES OF NEWSPRINT EACH YEAR. THE MILL HAS ACCESS TO A LARGE AND STABLE FIBRE SUPPLY AND STRATEGIC PROXIMITY TO IMPORTANT NORTH AMERICAN MARKETS.**

**PROJECT LOCATION: MASSON-ANGERS, QUEBEC**

*This unique new technology will have positive impacts on the regional forestry stream through the greater use of wood chips and on the fight against climate change by replacing traditional products with products made from renewable resources.*

— Stéphane Deshaies  
General Manager  
Papier Masson WB LP

**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.nrncan.gc.ca/forests/federal-programs/13139](http://www.nrncan.gc.ca/forests/federal-programs/13139)*

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