




Bio-pathways: Seeking Maximum Value from Every Tree

The newly formed Bio-Pathways Partnership Network, facilitated by FPAC and led by industry, provides a forum for member companies to meet, partner on initiatives of common benefit, and exchange knowledge and contacts.

To learn more visit:


fpac.ca/bio-pathways-partnership

 @BioPathPartner

 Bio-pathways Partnership Network

 Forest Products Association of Canada
fpac.ca

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 Forest Products Association of Canada

A STUDY OF MAJOR PROPORTION, MAXIMUM IMPACT

The Bio-pathways Project involved a comprehensive study of the opportunities to produce a wide range of bio-products using wood fibre residues. Broad in scope and major in impact, the results of the project have proven that the sky is truly not the limit for the Canadian forest products industry.

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The study examined the market potential of integrating a suite of technologies for bio-energy, bio-chemicals, and bio-materials within the industry's existing infrastructure. It confirmed that integrating new technologies with the industry's existing infrastructure leads to improved productivity and environmental performance while leveraging returns on assets and investments.

The bio-economy will contribute 10-14 new drugs per year by 2015, and will be responsible for 10 percent of chemical production by 2030. (OECD)

The project was led by the Forest Products Association of Canada (FPAC) in collaboration with FPIInnovations (the world's largest private, not-for-profit forest research institute), Natural Resources Canada, several provincial governments, and numerous economic and scientific experts.

KEY FINDINGS: ROADMAP TO SUCCESS

The findings of the Bio-Pathways Project confirm that the Canadian forest products industry can be a significant player in the burgeoning bio-economy:

- » New and emerging conversion technologies are creating new opportunities to convert forest biomass residues to bio-energy, bio-chemicals, and bio-materials,
- » The integration of these new technologies with existing infrastructure allows industry to extract maximum value out of the wood fibre from every tree, resulting in improved returns, increased employment levels, and enhanced environmental performance
- » Global markets for innovative bio-products are growing rapidly and are expected to reach an estimated \$200 billion by 2015.
- » Canada's forest industry already produces a range of bio-products.

