

**FPI**nnovations  
**PAPRICAN**



Creating forest sector solutions

# Technology-based solutions for the pulp and paper industry



**Paprican's** research scientists and engineers build on their real-life industry experience to advance pulp and papermaking expertise and technology, providing exceptional value for our Member Companies.



## Offering tangible benefits to members



### Paprican a division of FPInnovations

**C**reated in 1925, Paprican – the Pulp and Paper Research Institute of Canada – is a private, not-for-profit research and technology organization with an international reputation for excellence. The high-priority technical challenges of the pulp and paper industry drive our research programs. These priorities include product quality and value, cost-competitiveness, environmental protection, and sustainability.

Paprican operates research laboratories and pilot plant facilities in Pointe Claire, Quebec and Vancouver, British Columbia. There is a technology transfer centre in Prince George, BC. Approximately 265 scientists, engineers and support staff serve our Members at these locations.



### Paprican, FERIC and Forintek create FPInnovations

The largest private, not-for-profit forest research institute in the world

On 1 April 2007, Paprican, FERIC and Forintek merged to create FPInnovations. The three institutes, together with the Canadian Wood Fibre Centre of Natural Resources Canada, have become the largest not-for-profit forest research institute in the world.

**The vision?** To be the world leader in creating forest sector solutions, and to capitalize on Canada's fibre attributes through the development of new products and market opportunities.

[www.fpinnovations.ca](http://www.fpinnovations.ca)

# Results-driven R&D programs

Paprican's advanced research programs stem directly from consultation with the people who work in the mills day-to-day. The programs address the key technological issues and challenges facing the pulp and paper industry, from processes, to costs and quality, to adding value to the end products. We also pursue results-driven, strategic fundamental research, and closely monitor and assess the potential impact of emerging issues.

## PRACTICAL SOLUTIONS TO PRACTICAL PROBLEMS

Every pulp and paper mill faces similar challenges: too few resources, too little time, too little money. These challenges are becoming increasingly complex. Paprican offers many reasons for mills to seriously consider working with it to help place them in the vanguard of papermaking excellence and product innovation.

- More than 275 researchers, engineers and professionals focusing on one target: solving pulp and paper industry problems through the application of innovative, science-based solutions
- Paprican's collective expertise ranges along the entire value chain from fibre to paper rolls: very few of your issues are outside our reach
- Paprican has grown hand-in-hand with the pulp and paper industry since 1925... it is your connection with years of in-depth knowledge of the industry
- Paprican is not profit-driven: our passion is to help pulp and paper companies solve technical and operating problems and grow our basket of knowledge while doing so. If you look for impartial support provided by passionate people, you'll find it at Paprican
- Paprican's main revenue sources are pulp and paper mills. They are tough customers. They want tangible results. They want us to deliver. And we do.

## MILL CHALLENGES MET

We deliver value to our Member Companies by providing expertise that can solve practical mill problems. In-mill troubleshooting by our staff includes:

Corrosion Control • Process Debottlenecking • Deposits • Pitch • Papermaking Chemistry • Dimensional Stability • Runnability • Bleaching • Calendering • Winding • Retention • Pressing • Environmental Compliance and Sustainability • Bleach Plant Optimization • Kraft Pulping • Linting • Surface Sizing • Adhesion

## TAKING ADVANTAGE OF PAPRICAN'S RESOURCES

How best can you benefit from what Paprican has to offer? That depends on your needs but there are four common ways you can be a Paprican partner:

- **Become a Member Company:** If you are a pulp and paper company seeking to improve your competitiveness through better use and implementation of technology, becoming a Member Company is one sure way reach your goal. Members have direct influence on Paprican's R&D orientation. For a period of two years, you also get exclusive use of all newly developed technologies to put you ahead of competitors. As well, Member Companies have exclusive, confidential access to PapricanDIRECT®, an interactive website. It offers quick, easy access to Paprican intellectual property and resources, adding further value to your membership.
- **Sign a Research or Technical Services Contract:** Either one-on-one or by joining a multi-partner R&D project, we can help you solve problems, large or small, short- or long-term. Most of our research contracts are customized to specific, proprietary issues.
- **Buy a Research Element:** For some, participating in only part of our R&D programs makes more sense than a full membership. With more than 25 Research Elements related to pulp and paper issues, you can choose the best menu for your company.
- **Join our Allied Industry Program:** Over 100 supplier companies contribute financial and other tangible support to Paprican's R&D programs. These companies provide a wide range of chemicals, equipment and services to the pulp and paper industry. Over the years, many of them have teamed with Paprican to commercialize our technology. They are among our most important allies. If you do business with the pulp and paper industry and want to be in touch with the latest developments in your area of expertise, there is no better way than to be an Allied Industry partner.

**Any level of membership is only a phone call away.**

TECHNOLOGY-BASED SOLUTIONS  
FOR THE PULP AND PAPER  
INDUSTRY **TECHNOLOGY-BASED**  
**SOLUTIONS FOR THE PULP AND**  
**PAPER INDUSTRY** TECHNOLOGY-  
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**INDUSTRY**

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