

# ANNUAL 2021 REPORT



## PAPTAC IN BRIEF



The Association counts close to 3000 men and women as its members. Most are employed in paper mills, in private or publicly supported research organizations, in universities, government departments, consulting firms, and in companies which supply the industry. Membership is also open to students and librarians, and persons who have retired from careers in the industry. Approximately 80% of these members are located in Canada; the remainder is found in many other pulp and paper producing countries.

The organization was founded in 1915 as the Technical Section of the Canadian Pulp and Paper Association. On September 30, 1998 it was incorporated under the name of Pulp and Paper Technical Association of Canada (PAPTAC) as an independent not-for-profit association.

PAPTAC is a wide and well-organized network of professionals and provides access to valuable information and experiences that benefit the professional development of its members, and the pulp and paper industry as a whole. You are invited to get actively involved in the industry by joining our technical committees, by attending conferences and presenting papers, and by participating in TECH courses and webinars. The benefits of your involvement and participation will provide value back to you, your company and to the industry.

## KNOWLEDGE CONNECTIONS

PAPTAC is a Canadian-based non-profit organization, dedicated to improving the technical and professional capabilities of its members, and to the advancement of the pulp and paper industry.

PAPTAC carries out its mission by providing forums in which members may identify technical and operational issues of importance to the industry. These matters are dealt with by the Association's technical committees, Executive council and staff, through conferences, courses, webinars, and technical publications.

### Key Objectives:

- To provide means for the interchange of knowledge and expertise among its members;
- To improve the skill levels and effectiveness of present and future employees through training and education;
- To provide technical and practical information on pulp and paper manufacture and use;
- To further the application of the sciences in the pulp and paper industry;
- To assist in the solution of problems confronting the industry;
- To encourage and assist innovation;
- To promote the efficient stewardship of natural resources.



## PAPTAC LEADERS



The PAPTAC Executive Council, staff and Committee leaders are actively working on the advancement of PAPTAC's objectives as our industry continues to reshape itself.

The Executive council is comprised of executives working in member mills of the Association.

### Executive Council

The 2021 Executive Council was chaired by **Eric Ashby**, Director – Special Projects, Domtar Fort Mills



**Eric Ashby**  
Domtar Fort Mills  
Director – Special Projects



**Robert Dufresne**  
Resolute Forest Products  
VP Operations



**Stéphane Lamoureux**  
Produits Kruger S.E.C  
VP Exploitation  
- Projets spéciaux



**Brian Grantham**  
West Fraser Mills Ltd.  
General Manager



**Carlo Dal Monte**  
Catalyst Paper (PE)  
Corporate Energy  
Director



**Luc Pelletier**  
Cascades Inc.  
Vice-président  
opérations



**Bill McPherson**  
Celgar Mercer  
Managing Director



**Jean-François Guillot**  
Paper Excellence  
Vice President



**Greg Hay**  
PAPTAC  
Executive Director

### PAPTAC Staff



**Carmie Lato**  
Project Manager



**Thomas Perichaud**  
Communications  
Specialist



**Greg Hay**  
Executive Director



## 2021 Branch & Committee Chairmen



PAPTAC's technical committees play a central role in problem solving, the exchange of technical information and the organization of PaperWeek's Technical Program. Our sincere thanks to the following committee chairmen for their involvement and leadership throughout the year 2021.



**Alkaline Pulping**  
Mike Thorne  
Irving Pulp



**Energy Cost Saving**  
Serge Bédard  
Natural Resources  
Canada



**Mechanical Pulping**  
George Court  
Irving Paper



**Bleaching**  
Daniel Brouillette  
Valmet



**Papermaking  
Technology**  
Justin Charron  
Irving Paper



**Atlantic Branch**  
Lincoln Esau  
Irving Pulp & Paper



**Mill Managers**  
Eric Ashby  
Domtar Inc.



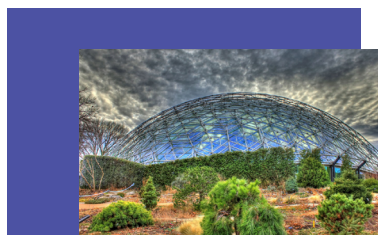
**ECBLRBAC**  
Aaron Ferris  
Irving Pulp and Paper

## FINANCIAL RESULTS, THREE-YEAR RECORD

During 2021 the Association had revenues of \$396 629 and expenditures of \$384 135. The net result for the year was a surplus of \$12 494.

YEAR	REVENUE	EXPENSES	NET
2021	396 629 \$	384 135 \$	12 494 \$
2020	607 861 \$	538 556 \$	69 305 \$
2019	755 454 \$	521 642 \$	233 812 \$





## PAPTAC ACTIVITIES

Even though the world fought hard against COVID, face to face meetings were still forbidden by health agencies for most of the year 2021, and even when sanitary measures were relaxed, the vast majority of mills were still under strict protocols. For the very first time in over a century, PaperWeek was held virtually on the Microsoft Teams platform and had a huge success!

EVENT	DATE	COMMITTEE	PARTICIPANTS
Webinar : Lignin Bioeconomy - the path forward	January 11	PAPTAC	128
PaperWeek 2021 & BIOFOR International VIRTUAL	February 8-12	PAPTAC	968
ECBLRBAC Meeting - virtual session PaperWeek 2021	February 11	ECBLRBAC	55
Webinar : Evaporators – Configuration, Operation and Optimization	April 29	PAPTAC, NRCan & FPInnovations	85
Webinar : IFIT PROGRAM - Overview of the updated Program	May 25	PAPTAC & NRCan	40
Webinaire : ITIF - Investissements dans la transformation de l'industrie forestière	27 mai	PAPTAC & RNCan	4
Webinar : Process Debottlenecking	September 16	PAPTAC, NRCan & FPInnovations	57
Atlantic Branch - Meeting - <i>Cancelled due to Covid</i>			

**PAPTAC's main activities for the year 2021****2021  
PAPERWEEK  
CANADA****A Successful first-ever PaperWeek Virtual 2021**

Over 960 took part in the 107th edition of PaperWeek, including over 700 participants from mills, making the event one of the best industry events in the world ratio-wise.

For the first time, the conference was held virtually with a format enabling participation from a record number of mills across Canada. Including participants from 17 major pulp and paper companies (45+ mills), the 4-day event held on MSTeams offered delegates a great amount of knowledge exchange and sharing of best practices.

The global covid-19 crisis has led to many important changes within the industry, dramatically affecting all stakeholders, from production to management, on both human and financial levels. PaperWeek allowed participants to learn and interact on timely topics addressing the current situation through a timely PaperWeek Opening Keynote on "Canada's Forestry Industry – Impacts of COVID-19 and Recovery Strategies", which started the first virtual PaperWeek on Monday February 8, 2021.

Pulp & Paper Mills were also at the heart of the program with a Machine Superintendents Roundtable entitled "Managing operations during COVID-19", as well as a Shutdown Management Roundtable addressing "How are you managing your major turnarounds (shutdowns) in your mill during COVID-19?"

**BIOFOR International 2021**

For the 5th year, the BIOFOR Conference, which focuses on the forest bioeconomy, was an integral part of the PaperWeek Program. With 3 high level Panels dedicated to Forest Digitalization, the Driving Force of Hydrogen and the Strength of Superclusters, participants had the opportunity to learn from

experts in the advancement of the global forest bioeconomy.

On the policy front, the first panel explained why and how a digital industrial policy should take into account the new opportunities arising from digitalisation in order to effectively support economic growth as well as the transition towards a global low carbon economy.

In the second panel, experts provided their perspectives on the potential of hydrogen in the context of the energy transition and on the hydrogen strategy for Canada. Major hydrogen projects being implemented in Quebec and Canada as well as the need for an integrated policy approach (to overcome the initial resistance and reach a minimum threshold for market penetration) were discussed and policy priorities identified.

The last panel discussed the current status of clusters in Canada and in particular brought the policy perspective to further accelerate the development of existing clusters/superclusters. Industry-led examples were used to discuss the role of open innovation and clusters in the development of successful bioeconomy strategies. The panel also discussed existing initiatives in Europe, where forest bioeconomy clusters have been developed, supported by connected ecosystems where entrepreneurship is at the core of new businesses and directing the forest industry into a new era of biorefinery innovation and global bioeconomy value chains.

## IN CLOSING



Who could have thought 2021 would end the same way as 2020? For the first time in over 100 years of existence, the Association did not hold its Annual Congress as a live in-person event, but as a virtual meeting and conference. The decision was not easy, but in retrospect, it was the right one. Was it different? Yes. Did we all miss the gatherings? Of course. But PAPTAC innovated again, after many hours of research and hard work, and delivered a timely and comprehensive program at PaperWeek Virtual 2021, as well as all year-long assistance through webinars and virtual Committee Meetings. The world was already getting more and more digital, but the global pandemic greatly accelerated the transition. Embracing the change is the only way to keep moving in the right direction. Let's keep moving together in 2022.

Gregoire M. Hay  
Executive Director, PAPTAC



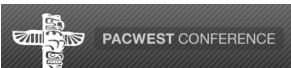
Dear Members of the Association, I can't stress enough how impressed I am with our industry's response to the global challenge we have all been facing. It was not an easy task to completely reshape every aspect of our production, management and operational protocols with such short notice. And yet, through collaboration and resilience, with the continuous help of PAPTAC, we managed to adapt and come out stronger for the benefit of our employees and clients. While the situation still needs close monitoring, things are looking much better now, and we can start to be optimistic again. To conclude, hats off to PAPTAC for organizing the 1st ever Virtual PaperWeek, an incredibly challenging but successful experience for all of us!

Eric Ashby  
Director – Special Projects, Domtar Fort Mills  
Chairman of PAPTAC

## EVENTS AND PAPTAC'S PUBLICATIONS

### 2021 PAPERWEEK CANADA

**PaperWeek Canada** – the Annual Conference of the Canadian Pulp and Paper Industry



**PACWEST** – Western Canada's annual regional conference



**Atlantic Branch Conference** – the annual conference of Atlantic Canada

### PAPTAC's P&P Industry Must-Have technical publications

PAPTAC provides a wide source of technical publications including textbooks, conference preprints, monographs, standards, data sheets, glossaries and modules. Contact PAPTAC at [admin@paptac.ca](mailto:admin@paptac.ca) for archival documents such as JPPS, J-FOR, PAPTAC Standard Methods and Engineering Data Sheets, or Proceedings from past conferences.



These manuals represent an invaluable tool for all mill personnel by providing relevant technical information and are easy to consult.

PB PUBLICATIONS BOOKSTORE

## PAPTAC YOUR CANADIAN PARTNER

PAPTAC plays an essential role in facilitating the exchange of information on a variety of issues related to operations optimization, management and industry advancement. Webinars, e-mail discussion groups, on-line forums, conferences, industry news: a wealth of information accessible to all PAPTAC members.



BUILDING FOR THE NEW PULP & PAPER COMMUNITY

