



Building for the new
Pulp and Paper community

2020 ANNUAL REPORT



PAPTAC

www.paptac.ca

PAPTAC IN BRIEF



PAPTAC is a National Association dedicated to the pulp & paper and forest products industry, connecting a powerful network of 3500+ professionals of the sector. 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 individuals and represents a world of information exchange and experience for the benefit of the professional development of its members and the pulp and paper industry. We are inviting you to get actively involved in our industry by joining our technical communities, by attending conferences and presenting papers, and by participating in our TECH courses and Webinars. The benefits of your involvement and participation will provide value back to you, your company and to the industry.

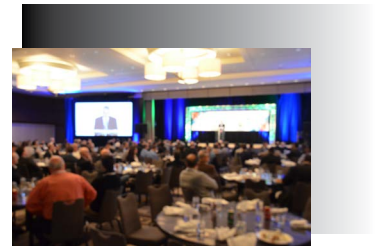
KNOWLEDGE CONNECTIONS

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

PAPTAC carries out its mission by providing forums in which members may identify present and future technical issues of importance to the industry. These matters are dealt with through the Association's technical communities, conferences, courses, webinars, technical publications and, as appropriate, in collaboration with other organizations.

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, The Branch and Committee Chairmen, as well as, the Staff are actively working on the advancement of PAPTAC's objectives as our industry continues to reshape itself. We are more than ever committed to providing you and your company with pertinent tools to face today's challenges and to be your partner in keeping you connected with your industry.

As PAPTAC leaders, they are working to keep the Association as relevant as possible by developing the most valuable benefits for its members.

Executive Council

The 2020 Executive Council was chaired by **Eric Ashby**, VP Manufacturing, Domtar Inc.



Eric Ashby
Domtar Inc.
VP Manufacturing



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

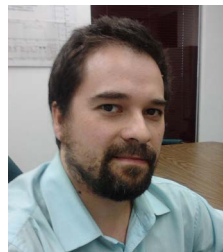


Greg Hay
PAPTAC
Executive Director

PAPTAC Staff



Carmie Lato
Project Manager



Thomas Perichaud
Communications
Specialist



Greg Hay
Executive Director



2020 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 2020.



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
Les Urghart
Port Hawkesbury Paper



Mill Managers
Eric Ashby
Domtar Inc.

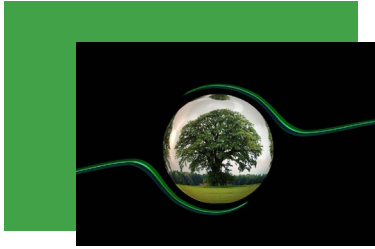


ECBLRBAC
Aaron Ferris
Irving Pulp and Paper

FINANCIAL RESULTS, THREE-YEAR RECORD

During 2020 the Association had revenues of \$607 861 and expenditures of \$538 556. The net result for the year was a surplus of \$58 578.

YEAR	REVENUE	EXPENSES	NET
2020	607 861 \$	538 556 \$	69 305 \$
2019	755 454 \$	521 642 \$	233 812 \$
2018	835 328 \$	776 750 \$	58 578 \$



PAPTAC ACTIVITIES

The global pandemic affected PAPTAC's calendar of activities in 2020, as face to face meetings had to be postponed. While the world was waiting to see when and how things would get back to normal, virtual meetings became the new and only way to keep up the good work along with webinars.

Luckily PaperWeek was held again in Montreal just one month before the global lockdown and attracted over 680 attendees and 37 exhibitors.

EVENT	DATE	COMMITTEE	PARTICIPANTS
PaperWeek 2020 & BIOFOR International	February 3-6	PAPTAC	680+
Webinar - Thermomechanical pulping (TMP) of the Future: Potential Avenues and Energy Integration Aspects	September 9	PAPTAC & NRCan	86
Webinar - Reducing steam generation variability through advanced biomass combustion controls	October 15	PAPTAC, NRCan & FPInnovations	53
Virtual Bleaching Committee Fall Meeting	October 27	Bleaching	51
Webinar - Roadmap towards an energy efficient pulp mill	November 18	PAPTAC, NRCan & FPInnovations	61
Webinar - Decision Support Systems for Evaluating Bioeconomy Transformation Strategies	December 2	PAPTAC	76
Webinar - Best Practices for Energy Efficiency in Paper and Tissue Mills	December 10	PAPTAC, NRCan & FPInnovations	74

COMMITTEE LEADERS

In 2020, PAPTAC had the pleasure to be represented by 3 new Committee Leaders.

- **Daniel Brouillette**, from *Valmet*, took the lead of the Bleaching Committee.
- **Mike Thorne**, from *Irving Pulp*, took over managing the Alkaline Committee.
- **Aaron Ferris**, from *Irving Pulp & Paper*, moved into chairing the ECBLRBAC.

** Note that due to the global lockdown, several Committee Leaders decided to take advantage of the Virtual Platform PAPTAC put in place for PaperWeek 2021 to host their meetings. The participation numbers will be transferred to the 2021 annual report.*

PAPTAC's main activities for the year 2020**2020
PAPERWEEK
CANADA****PaperWeek Canada 2020**

Close to 700 took part in the 106th edition of PaperWeek Canada. 250+ participants from mills were also registered for the event, continuing to make PaperWeek one of the best industry events in the world.

The 2020 conference featured a total of 47 sessions including 102 presentations. Furthermore, the PaperWeek tradeshow was sold out with close to 40 exhibitors present to showcase their services and technology.

A Full day Reliability Workshop was organized to start the conference with the expertise of Tom Carr from Reliability Solutions.

On Tuesday, after the Opening Address by The Honorable Pierre Fitzgibbon, Minister of Economy and Innovation, Government of Quebec, the highly praised new formula of PaperWeek's "Opening Breakfast Panel" kicked off the conference with insightful exchanges under the theme "Talent as a critical enabler of long term value creation" moderated by Anne-Marie Hubert, Associée directrice pour l'Est du Canada / Eastern Canada Managing Partner, Ernst & Young.

The PaperWeek 2020 Tradeshow was again at top capacity with close to 40 exhibitors from around the world presenting their technology and expertise to the attendees.

**BIOFOR International 2020**

Held in conjunction with PaperWeek, BIOFOR is the largest conference in Canada that focuses on the most important issues in the forest products sector. The BIOFOR conference is dedicated to the advancements of the global forest bioeconomy.

The conference kicked-off Tuesday February 4th with a Welcome address by Dr. Marzouk Benali, Conference Chair, followed by an opening Address by The Honorable Paul Lefebvre, Parliamentary Secretary to the Minister of Natural Resources.

The first BIOFOR Keynote, Richard Tremblay, Senior Vice President – Pulp and Paper Operations, Resolute Forest Products, shared Resolute Forest Products' vision for the future of the Forest Products Sector.

The panel "Lignin-based biorefinery value chains: Added-value products and the transition towards a low carbon economy" followed in the afternoon, walking attendees through the most recent progress in the science of lignin and its emerging valorization pathways and applications, as well as the strategies for market development and the critical challenges associated with commercialization. A second panel entitled "Opportunities for a growing Canada's forest bioeconomy" introduced the BioDesign and bioeconomy cluster perspectives and discussed the importance of effective communications, the needs of the industry, and hurdles for the implementation of the Canadian bioeconomy as well as the gaps and barriers for accessing markets. "Circular bioeconomy: Growth, policy and investment opportunities" was the topic of the last panel, addressing the most important aspects of the bioeconomy and circular economy to clarify some common misconceptions, as well as the limitations hindering the pathway towards a circular bioeconomy.

IN CLOSING



What a special year this has been! The Association was lucky enough to be able to hold its annual meeting shortly before the whole world had to face this historical lockdown. As every other industry, the pulp & paper and forest sector was hit badly by the impacts of the pandemic, and PAPTAC proved again its importance by keeping all the stakeholders informed and united in coping with safety rules and economical changes. Virtual became the new norm, and although something has been missing without the traditional face to face encounters with peers, online exchanges were more than welcome to share ideas and keep discussing issues and opportunities, especially in this totally new and unknown environment. Let's hope next year will allow us to meet again!

Gregoire M. Hay
Executive Director
PAPTAC



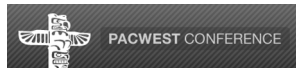
Dear PAPTAC Members, last year when I closed the annual report praising to keep a good collaboration between all industry stakeholders, I never imagined we would be facing a historical pandemic only a few months after. Times have been tough for all of us, and still are, but I'm glad to say that my wish was granted. We shared health & safety best practices, as well as new strategies from production and human resources to management and operations, in order to help our industry face these challenges together as a whole. Things will probably never be the same, but I'm sure we will all come out stronger, with PAPTAC's help, and embrace tomorrow's challenges and opportunities.

Eric Ashby
VP Manufacturing,
Domtar Inc.
Chairman of PAPTAC

EVENTS AND PAPTAC'S PUBLICATIONS

2020 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



J-FOR – PAPTAC's flagship journal publishing high-quality peer-reviewed articles dealing with science & technology of the forest products industry



J-FOR Plus – Enhanced editions of J-FOR for mills with operations driven articles and industry news



PaperWeek Access – The official magazine of PaperWeek Canada, featuring editorials, exclusive interviews, technology advancements and all the highlights of the industry's major event of year

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

