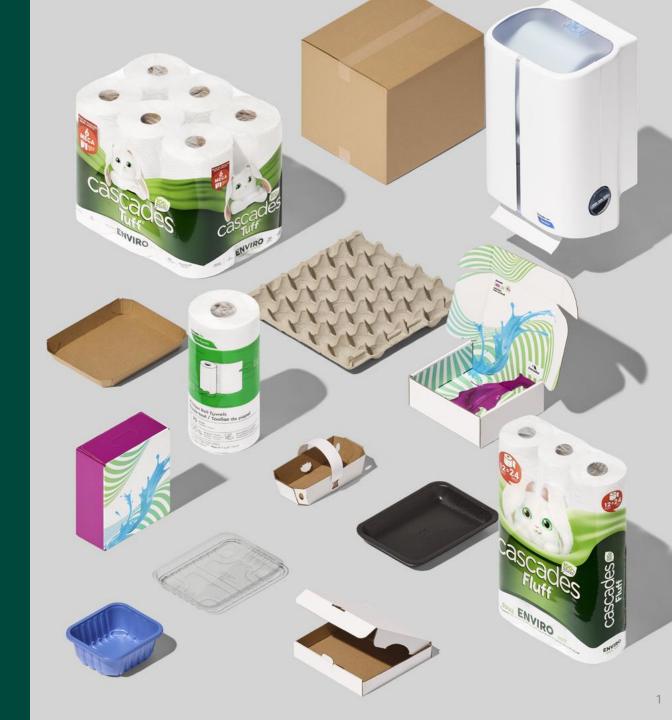
# Investor Presentation

**Investor Marketing** April 20, 2022





## **DISCLAIMER**

#### FORWARD-LOOKING STATEMENT

Certain statements in this presentation, including statements regarding future results and performance, are forward-looking statements within the meaning of securities legislation based on current expectations. The accuracy of such statements is subject to a number of risks, uncertainties and assumptions that may cause actual results to differ materially from those projected, including, but not limited to, the effect of general economic conditions, decreases in demand for Cascades Inc.'s ("Cascades," "CAS," the "Company," the "Corporation," "us" or "we") products, the prices and availability of raw materials, changes in the relative values of certain currencies, fluctuations in selling prices and adverse changes in general market and industry conditions. This presentation may also include price indices as well as variance and sensitivity analyses that are intended to provide the reader with a better understanding of the trends related to our business activities. These items are based on the best estimates available to the Corporation.

#### SUPPLEMENTAL INFORMATION ON NON-IFRS MEASURES - SPECIFIC ITEMS

The Corporation incurs some specific items that adversely or positively affected its operating results. We believe it is useful for readers to be aware of these items, as they provide additional information to measure the performance, compare the Corporation's results between periods and to assess operating results and liquidity, notwithstanding these specific items. Management believes these specific items are not necessarily reflective of the Corporation underlying business operations in measuring and comparing its performance and analyzing future trends. Our definition of specific items may differ from those of other corporations and some of them may arise ins the future and may reduce the cash available to us.

They include, but are not limited to, charges for (reversals of) impairment of assets, restructuring gains or costs, loss on refinancing and repurchase of long-term debt, some deferred tax assets provisions or reversals, premiums paid on long-term debt refinancing, gains or losses on the acquisition or sale of a business unit, gains or losses on the share of results of associates and joint ventures, unrealized gains or losses on derivative financial instruments that do not qualify for hedge accounting, unrealized gains or losses on interest rate swaps, foreign exchange gains or losses on long-term debt, specific items of discontinued operations and other significant items of an unusual, non-cash or non-recurring nature.

#### RECONCILIATION OF NON-IFRS MEASURES

To provide more information for evaluating the Corporation's performance, the financial information included in this analysis contains certain data that are not performance measures under IFRS ("non-IFRS measures") which are also calculated on an adjusted basis to exclude specific items. We believe that providing certain key performance measures and non-IFRS measures is useful to both management and investors as they provide additional information to measure the performance and financial position of the Corporation. It also increases the transparency and clarity of the financial information. The following non-IFRS measures are used in our financial disclosures:

Operating income before depreciation and amortization (OIBD): Used to assess operating performance and contribution of each segment when excluding depreciation & amortization. OIBD is widely used by investors as a measure of a corporation ability to incur and service debt and as an evaluation metric.

Adjusted OIBD: Used to assess operating performance and contribution of each segment on a comparable basis. Adjusted

operating income: Used to assess operating performance of each segment on a comparable basis.

Adjusted net earnings: Used to assess the Corporation's consolidated financial performance on a comparable basis.

Adjusted free cash flow: Used to assess the Corporation's capacity to generate cash flows to meet financial obligation and/or discretionary items such as share repurchase, dividend increase and strategic investments.

Net debt to adjusted OIBD ratio: Used to measure the Corporation's credit performance and evaluate the financial leverage.

Net debt to adjusted OIBD ratio on a pro forma basis: Used to measure the Corporation's credit performance and evaluate the financial leverage on a comparable basis including significant business acquisitions and excluding significant business disposals, if any.

Non-IFRS measures are mainly derived from the consolidated financial statements but do not have meanings prescribed by IFRS. These measures have limitations as an analytical tool and should not be considered on their own or as a substitute for an analysis of our results as reported under IFRS. In addition, our definitions of non-IFRS measures may differ from those of other corporations. Any such modification or reformulation may be significant.

All amounts in this presentation are in Canadian dollars unless otherwise indicated.

Please click here for supplemental information on non-IFRS measures and other financial measures.



~9,950 employees, 78 facilities

# Same Roots Different Company

#### **OUR MISSION**

To improve the well-being of people, communities and the planet by providing sustainable and innovative solutions that create value.

#### **OUR VISION**

To be a key contributor to our customers' success by leading the way for sustainable packaging, hygiene and recovery solutions.



## **OUR SUSTAINABLE PRODUCTS**

We have been making products from recycled materials for almost 60 years.



## STRATEGICALLY REPOSITIONED

Over the last 10 years, Cascades has repositioned our operations with 17 closures, 11 divestitures, 15 strategic transactions and 4 new projects, to meet evolving market dynamics and customer needs.

#### 2012

- Consolidated 3 box plants (ON)
- Acquired 1 box plant (ON)
- Increased ownership and results consolidated for Reno de Medici (Boxboard Europe)

#### 2014

- Exited Kraft paper market
- Exited NA fine paper market
- New tissue paper machine (OR)
- New tissue plant in Wagram (NC)

#### 2016

- Acquired 1 box plant (CT)
- New tissue plant in Scappoose (OR)
- Exited deinked pulp market
- Closed tissue converting plant (ON)

#### 2018

- Acquired moulded pulp assets (IN, IA)
- Sold 1box plant (NY) and consolidated 2 box plants (ON)
- New box plant in Piscataway (NJ)
- Acquired Bear Island mill (VA); start-up Q4/22

#### 2020

- Closed 3 tissue facilities
- Consolidated 2 box plants (ON)

#### 2011

- Sold Dopaco
- Acquired Tissue Granby plant (QC)
- Closed and sold
   2 containerboard mills

#### 2013

 Greenpac containerboard mill new start-up (NY)

#### 2015

- Exited NA boxboard market
- Increased ownership & results consolidated for NA recovery activities

#### 2017

- Sold 17.3% Boralex equity interest
- Increased ownership & results consolidated for Greenpac Mill (NY)
- Acquired 3 box plants (ON)

#### 2019

- Acquired Orchids Paper assets
- Acquired CDPQ 20.2% interest in Greenpac Mill (NY)
- Closed and sold 3
   Specialty Products
   plants
- Closed 4 tissue facilities

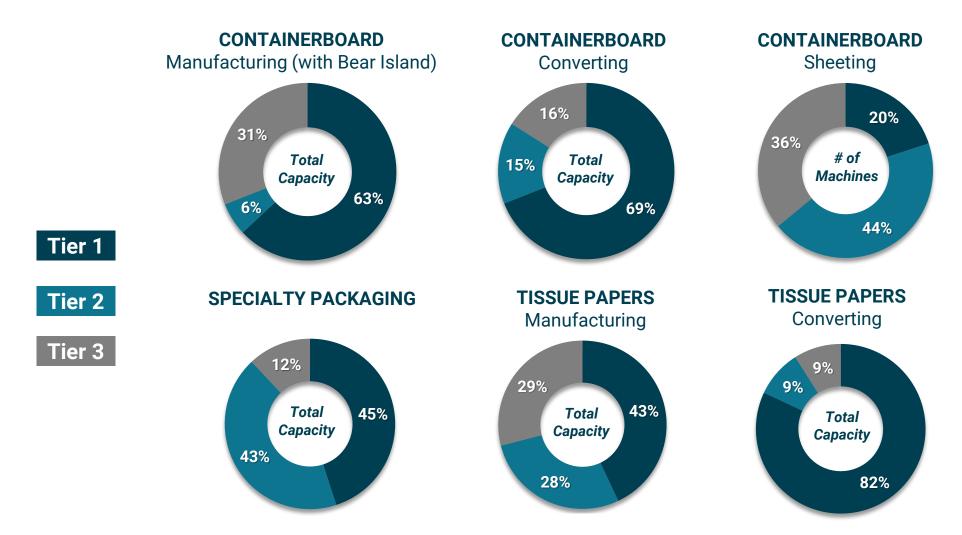
#### 2021

 Monetized 57.6% equity interest in Reno de Medici S.p.A. (RDM); \$450 million of net proceeds



## A MODERNIZED ASSET BASE

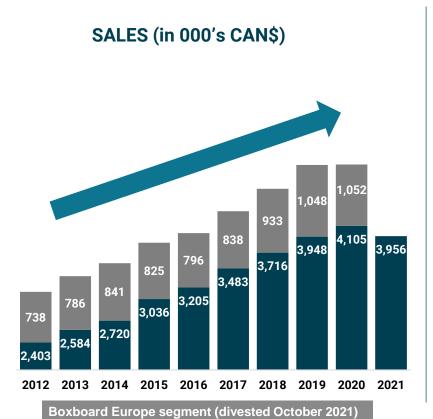
Investments and modernization initiatives have improved the competitiveness\* of our assets.

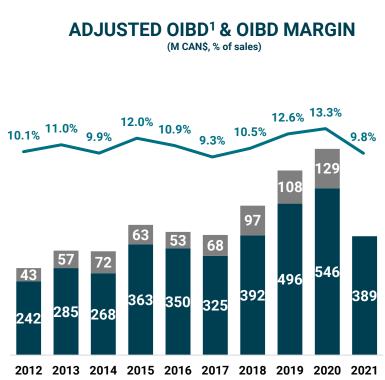


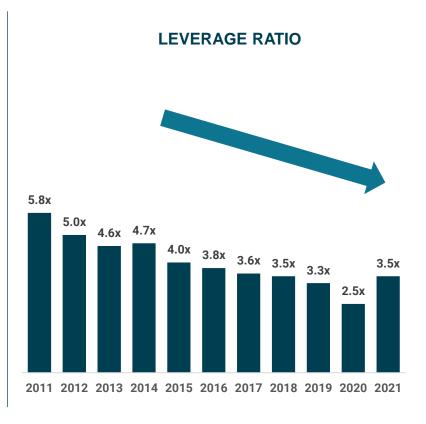
<sup>\*</sup> Competitiveness (Tier 1, 2 or 3) of manufacturing and converting assets based on extensive internal analysis: equipment age, width, speed, capacity and technological positioning.

## **ANNUAL HISTORICAL PERFORMANCE**

Our modernization initiatives, investments and strategy have delivered results, leading to significant and steady growth.







CAGR Sales growth of 5.7%

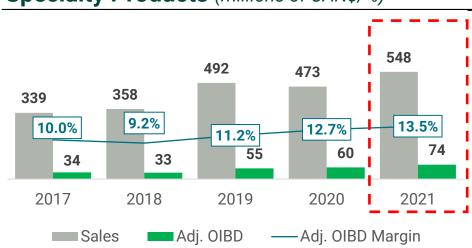
Improved profitability profile in a volatile cost environment

Disciplined capital management and strategic actions have resulted in a stronger financial profile

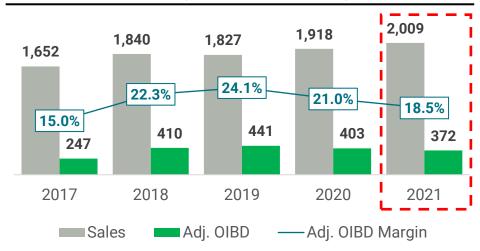


# Segmented Annual Sales, Adjusted OIBD<sup>1</sup> & Margin

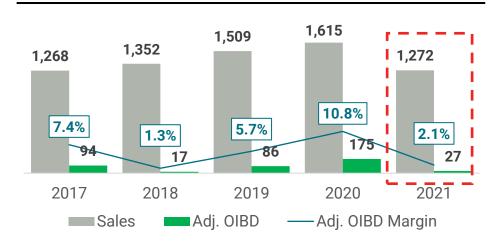
## **Specialty Products** (millions of CAN\$/%)



## **Containerboard** (millions of CAN\$/%)



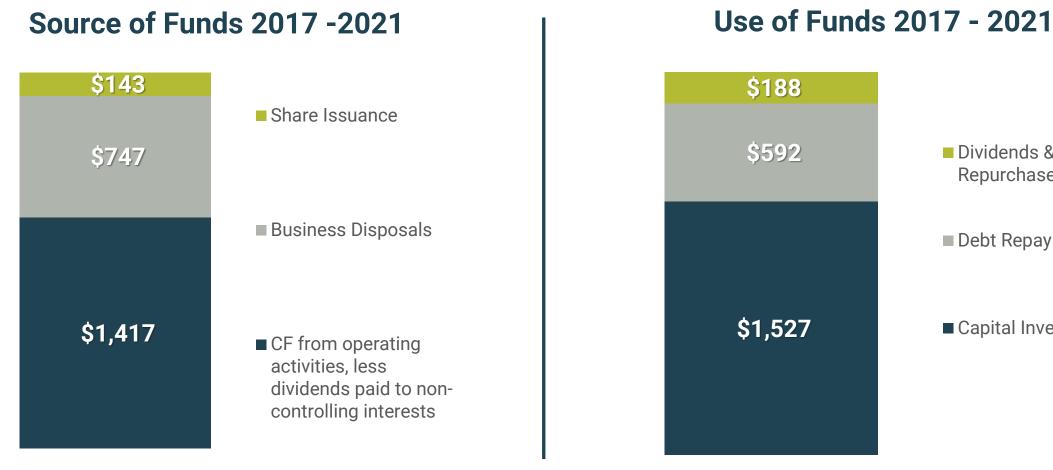
#### **Tissue Papers** (millions of CAN\$/%)

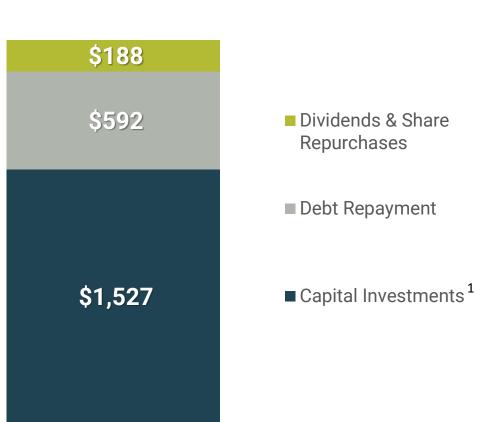




## CAPITAL ALLOCATION

## In the last 5 years \$2.1 billion of adjusted OIBD was generated



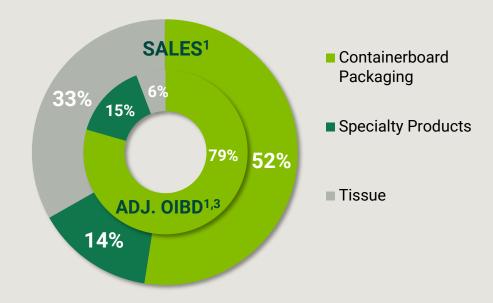


# FINANCIAL RESULTS

The Covid-19 pandemic led to important fluctuations in demand, added significant inflationary pressure on costs and curtailed labour availability...

Our 2022-2024 Strategic Plan outlines our detailed actionable objectives – Our Path Forward

2021 Results<sup>2</sup>



(Full Year 2021, except where specified)	
Sales	\$3,956 M
Adj. OIBD <sup>3</sup> & Margin	\$389 M / 9.8%
Adj. CF from operations	\$296 M
Adj. Free CF (used)	(\$54M)
Adj. Free CF (used) per share	(\$0.53)
Net debt (at 12/31/21)	\$1.35 B
Net debt/Adj. OIBD <sup>3</sup> (at 12/31/21)	3.5x
WC (% of 2021 sales)	8.6%
Capacity utilization rate	88%

## **PACKAGING BUSINESSES:**

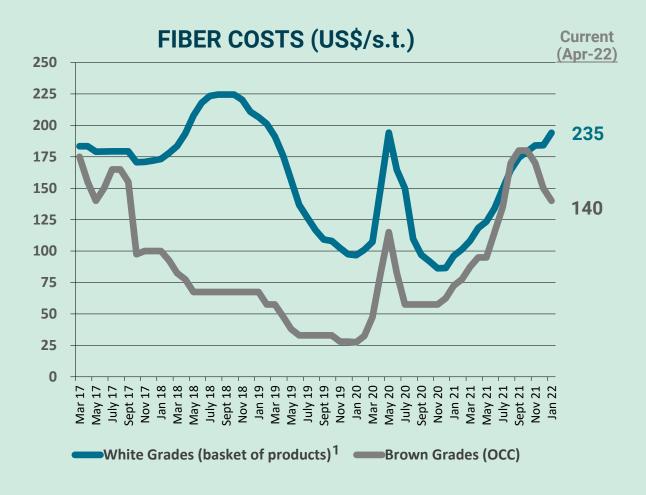
- Good demand for packaging products
- Roll-out of price increases partially offsetting higher raw material costs
- Inflationary pressures on costs
- Constraints in labour and logistics availability and important increases in logistical costs

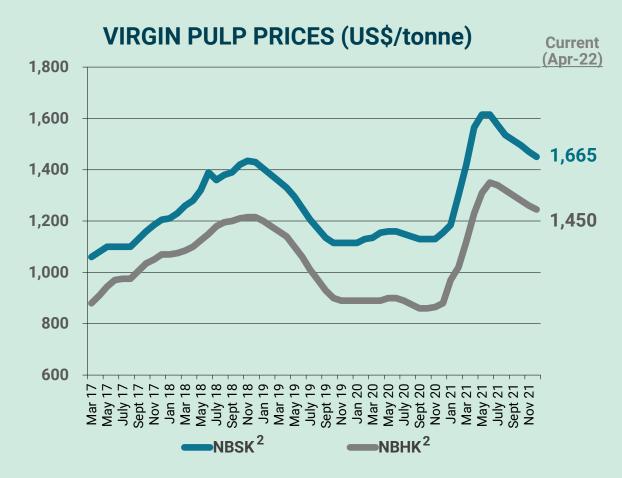
## TISSUE PAPERS:

- Important fluctuations in demand levels for both retail and Away-from-Home products throughout the year led to production curtailment
- Higher raw material costs and overall operational cost inflationary pressures, including logistics
- Challenges in labour availability delayed ramp-up of newly installed converting lines



## **FIBRE COSTS**

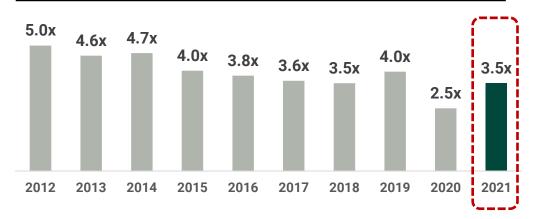




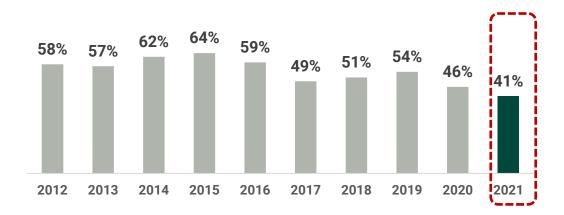


## FINANCIAL RATIOS & DEBT MATURITIES

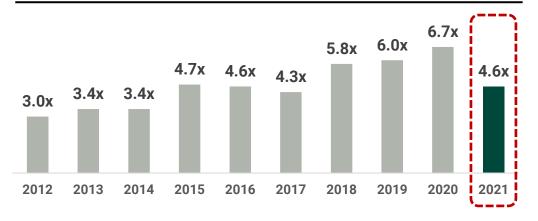
## **Net Debt / Adjusted OIBD**<sup>1,3</sup>



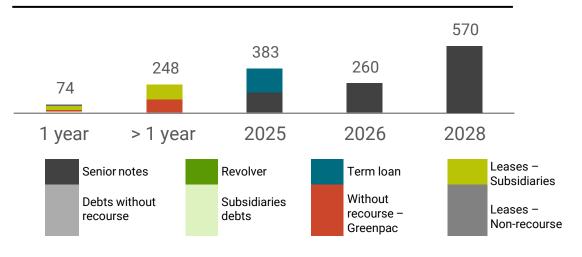
## Net Debt / Net Debt + Total Equity<sup>1</sup>



## **Interest Coverage Ratio**<sup>2,3</sup>



### Long-Term Debt Maturities (as at December 31, 2021)



Bank debt financial covenant ratios: Net funded debt to capitalization < 65% (currently at 39.50 %), interest coverage ratio > 2.25x (currently at 4.47 x).

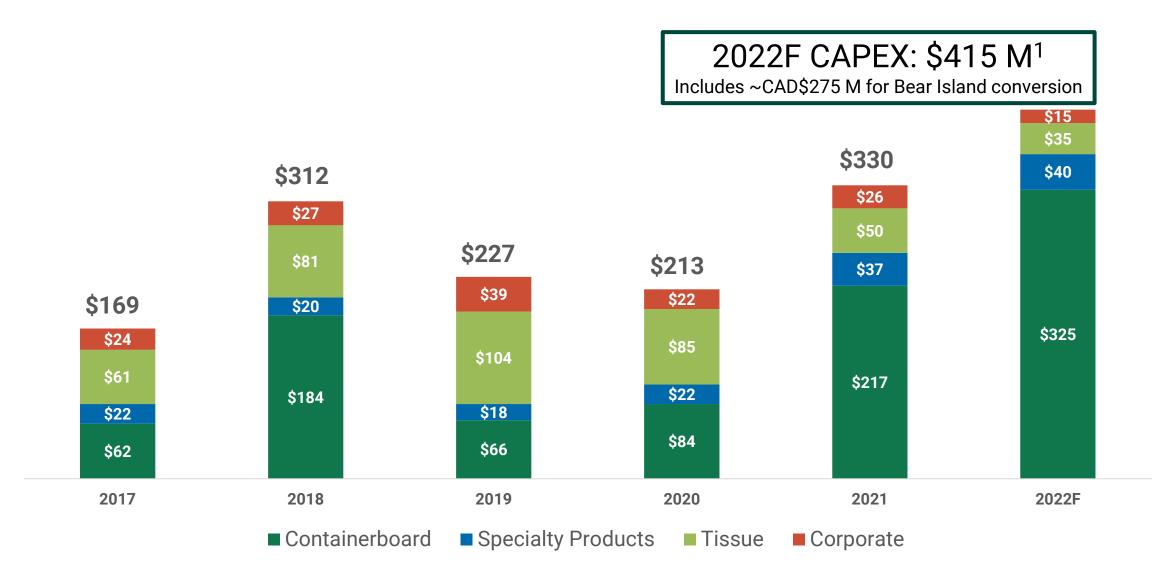


<sup>(1)</sup> Please click <a href="here\_for-supplemental">here\_for supplemental information on non-IFRS measures and other financial measures.</a> (2) Adjusted OIBD to financing expense.

<sup>(3)</sup> Pro-forma up to 2018 to include business acquisitions on a LTM basis, if applicable.

## **CAPITAL INVESTMENTS**

(in property, plant & equipment, in millions of Canadian dollars, excluding new leases, disposal of assets and accounts payable variation)



## **NEAR-TERM FACTORS**

## Headwinds

- Transportation cost & availability
- Inflationary pressures on operational costs
- Availability of labour
- Uncertainty related to conflict in Ukraine (fuel cost)
- Higher raw material prices for Tissue business

## **Tailwinds**

- Favourable raw material markets for Containerboard business
- Improved sales volumes in packaging businesses - Containerboard & Specialty Products Packaging
- Favourable selling price trajectory
- Benefits from margin improvement initiatives
- Growing demand for sustainable products

# SUSTAINABILITY IS IN OUR DNA

Nearly 60 years ago, long before businesses began incorporating environmental principles into their practices, our company became a pioneer of the circular economy by making products from recycled materials.

True to our values and dedicated to helping our customers reduce their environmental footprint, Cascades is pleased to raise its commitment to sustainable development and drive positive change.









# **SUSTAINABILITY – Driving Positive Change**

Our track record and our sustainability action plan both show we are solutions driven, and we can enable our customers to reduce their footprint through our value-added eco-friendly products and services.

### Where We Are



50% greenhouse gas (GHG) intensity emissions reduction (scope 1) since 1990



45 % fewer GHG emissions (scopes 1 and 2) than the industry<sup>1</sup>



4.3 x less water than the industry<sup>1</sup>



2.4 x less energy than the industry<sup>1</sup>

## Where We're Going



ESG strategy aligned with UN's Sustainable Development Goals



Aggressive GHG reduction targets reviewed and approved by the Science Based Targets initiative



All our packaging will be recyclable, compostable or reusable by 2030



All our employees trained in unconscious biases by 2025

<sup>&</sup>lt;sup>1</sup> Based on the North American pulp and paper industry average for 2021, Source: FisherSolve<sup>TM</sup> Next, ©2022 Fisher International

## **SUSTAINABILITY ACTION PLAN: 2021-2025**

→ GHG reduction targets approved by the Science Based Targets initiative (SBTi)





**→38.7%** 2030 vs 2019 scopes 1+2, mills (kg of CO2 eq./MT))

**27.5%** 2030 vs.2019 scopes 1+2, other (kg of CO2 eq.)

▼ 22% 2030 vs 2019 scope 3 (kg of CO2 eq./MT)



Climate change

100% 2030 renewable electricity

▼ 6% 2025 vs 2019 (GJ/TM)







Eco-designed products

100% 2030

of the packaging we manufacture and sell is recyclable, compostable or reusable



Responsible

100% 2025

of the fibre and paper we use is recycled or certified



our FSC Mix® supply

70% 2025
of our purchases are sourced from responsible suppliers





Sustainable cities and communities

Allocate at least

50% zozs

of our annual donation and sponsorship budget to causes that support the UN's Sustainable Development Goals



15,000 hours PERVEAR

of community involvement completed by employees





Health, safety and well-being

**50%** 



the number of days lost due to workplace accidents



of employees are committed to a positive health and wellness approach



Equity, diversity and inclusion



of employees are trained on unconscious biases related to equity, diversity and inclusion

# **Recovery Operations**

A natural extension of our operations, delivering financial and strategic value.



Largest source of recovered fiber contributing about 25% of total requirements annually



Among Cascades' **lowest landed cost sources** with ability to raise value through quality



**Excellent source of market intelligence**, active in all fiber streams including residential, industrial, commercial and institutional

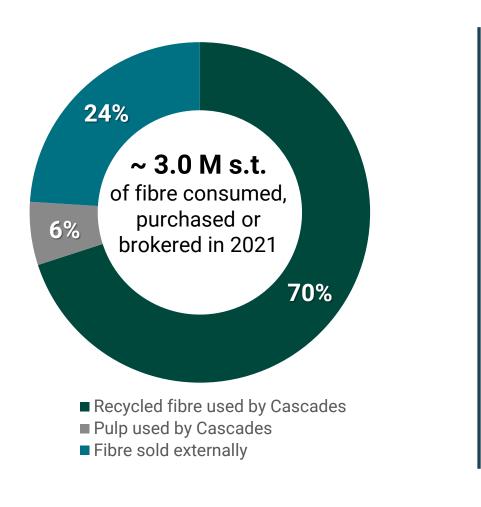


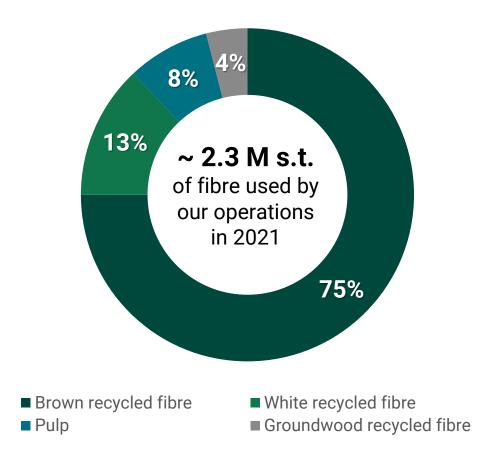
- 18 recovery facilities with national reach & capability
- 3 transfer stations providing full recovery services
- Over 1 million tons processed annually



# **Recovery Operations**

Cascades recovery and recycling services & solutions provide our operations with the raw material they need, but also help our partners and customers to divert close to 40% of their waste from landfills.





# WHERE WE ARE GOING

## Where We Are Going

An integrated company with strong assets to drive value for shareholders



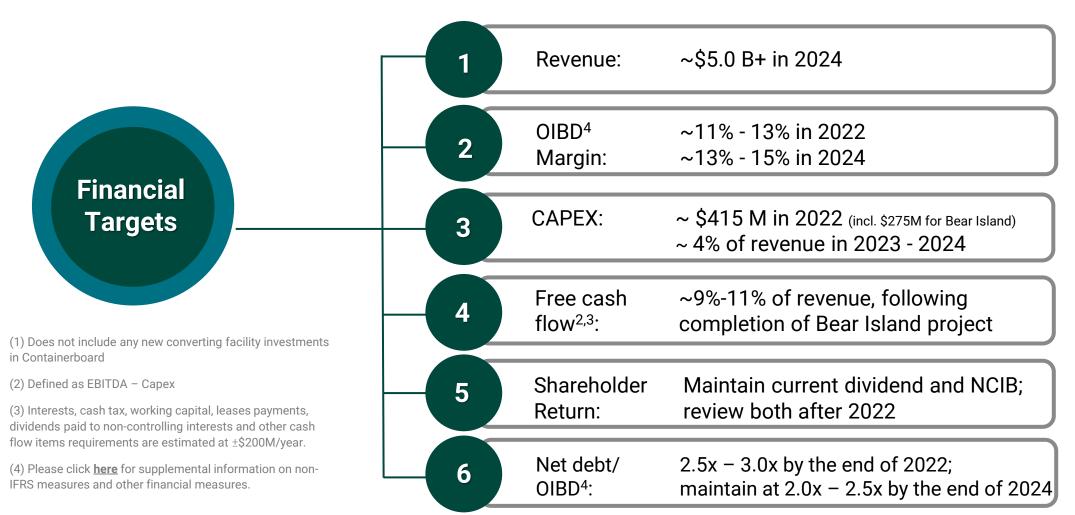
# Where We Are Going

## 2022 – 2024 Strategic Objectives

	CONTAINERBOARD  ✓ Be the go-to solution for businesses	SPECIALTY PRODUCTS  ✓ Be the leader in sustainable packaging	TISSUE PAPERS  ✓ The path forward to improved profitability
1	Complete Bear Island start-up	Increase pace of new sustainable product development and commercial launches	Leverage well invested asset base and limit CAPEX to \$35 M annually through 2024
2	Increase integration with new converting capacity in the U.S.	Continue to develop and grow our share of targeted markets	Focus on production execution and efficiency, particularly in our U.S. operations
3	Achieve 2024 revenue of ~ \$2.9 B	Achieve 2024 revenue of ~ \$700 M	Strengthen commercial strategies to drive value
4	Generate 2024 OIBD <sup>1</sup> margin of ~19% - 21%	Generate 2024 OIBD¹ margin of ~ 17% - 19%	Achieve 2024 revenue of ~ \$1.7 B and OIBD¹ margin of ~ 9% - 10%
5	Invest \$325 M in CAPEX in 2022 (including \$275 M for Bear Island)	Invest ~\$40 M in 2022 in state-of-the-art technology & automation to support sales growth	Enhance business expertise and market intelligence to drive performance

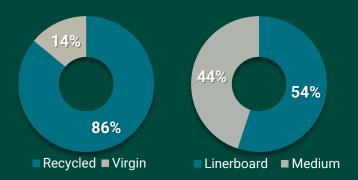
# Where We Are Going

2022 - 2024 Strategic Objectives: Focused on free cash flow generation + maintaining financial flexibility



# **BUSINESS SEGMENTS**

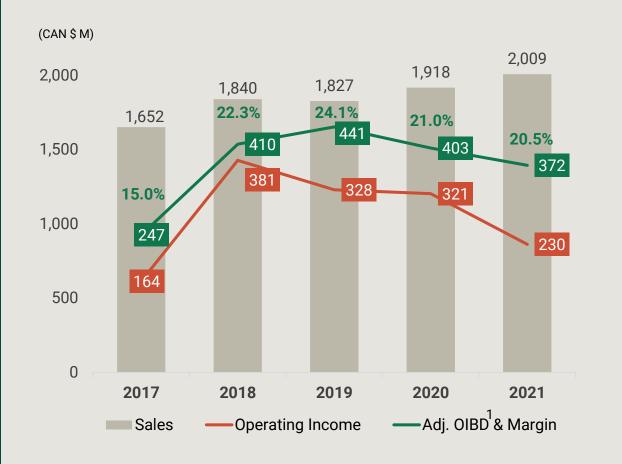
Annual capacity: 1,575 k s.t.





2021 INTEGRATION RATE<sup>2</sup>: 73%

## 6<sup>th</sup> largest containerboard producer in N.A.



2017 - 2021 adjusted OIBD¹ CAGR: 10.8%

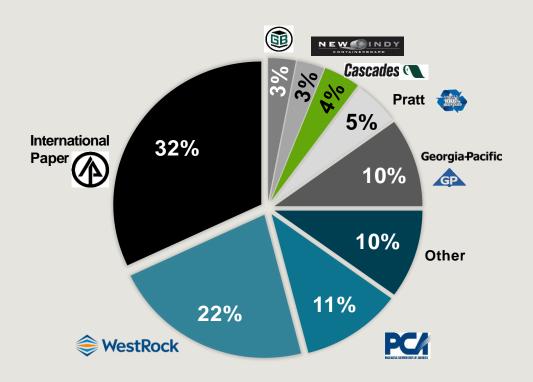
(2) Including associates, JVs.



<sup>(1)</sup> Please click here for supplemental information on non-IFRS measures.

## The North American market offers good returns and attractive growth potential

#### Market share: top 4 players = 75%<sup>1</sup>



#### North American Capacity and Operating Rate<sup>2</sup>

- Forecasted 2021 2026 CAGR capacity growth of ~ 2.7%
- Operating rate average ~93.5% over 2021 2026



<sup>&</sup>lt;sup>1</sup> Source: FisherSolve N/A Containerboard, accessed May 18, 2021. Other category includes all players with 2% or less market share. Does not include Bear Island

<sup>&</sup>lt;sup>2</sup> Source: RISI North American Paper Packaging Forecast 5-year (Nov 2021)

## North American Containerboard **Expected Production**

■ Net Exports (M Tons) ■ Containerboard consumption (M Tons)



## **Key Market Growth Drivers**

#### e-Commerce adoption

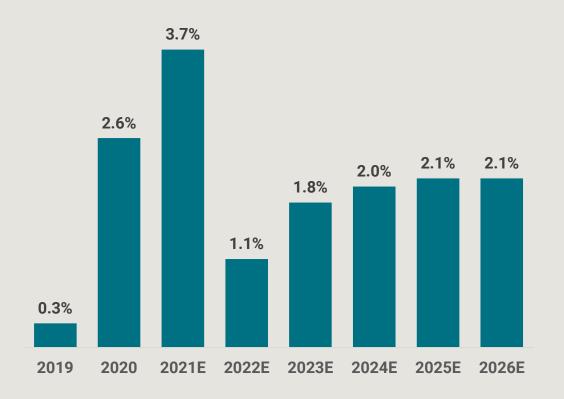
- COVID-19 accelerated adoption amongst all population segments
- Consumer behavior changes, increased usage in new categories (e.g., food, agriculture)

## Sustainability is key

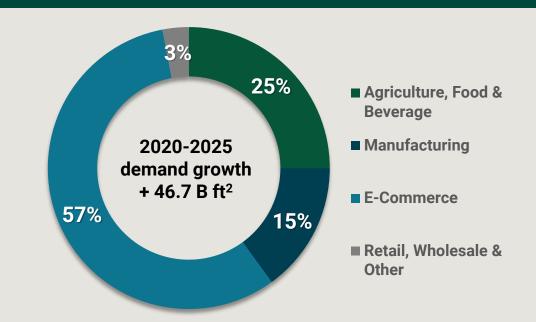
- Consumer demand driving shift to responsible packaging
- Brand owners seeking solutions with greater recycled content
- Greater usage of Lightweight containerboard



## **Box Shipment Growth**



## **Box Demand Growth Segmentation**



- Box demand forecasted growth: +2.1% (CAGR) 2020-2025
- E-commerce, agriculture and food & beverage sectors account for 82% of total expected market growth



## Our platform is well positioned to capitalize on market growth



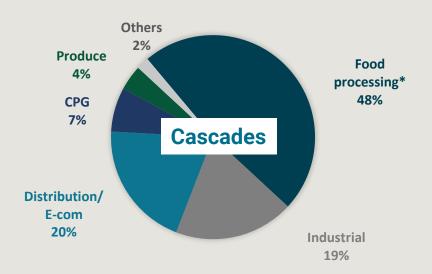




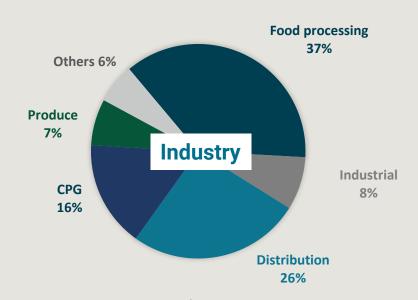




(In MSF)



Source: Cascades full year 2021 - sales segmentation in MSF \* Includes beverage market



Sources: Economic Trends and Outlook for Corrugated Products, Richard Storat and FBA August 2021 FBA, NA corrugated Industry Bulletin -December 2020

With our investment in Bear Island, we have significant growth opportunity to meet market demand.

START DATE: 12/2022	≤ 2021	2022	2023	2024	2025	Full potential
REVISED PROJECT COST: US \$425 M - \$450 M	\$175	\$210	\$50	-	-	
PRODUCTION RAMP UP			~ 70%	~ 94%	~ 97%	100%
ANNUAL PRODUCTION ('000 s.t.)			~ 330,000	~ 435,000	~ 450,000	~ 465,000
OIBD¹ (US\$M)			~\$40-\$55	~\$70-\$85	~\$80-\$90	~\$90-\$100

100% of first year volume and ~ 75% of the first three-year volume is secured through commercial agreements

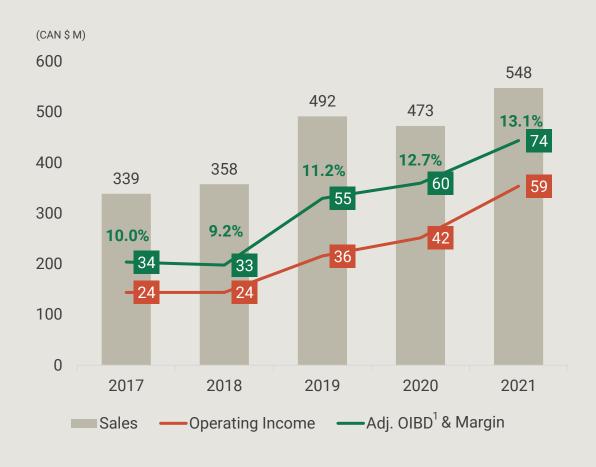
<sup>(1)</sup> Revised based on current market conditions - Spread (Linerboard-OCC) including forecasted Liner/Medium mix, current inbound and outbound freight cost. Please click <a href="here">here</a> for supplemental information on non-IFRS measures and other financial measures.

# **Specialty Products<sup>3</sup>**

2021 sales of \$548 M increased 16% from 2020



# Comprehensive Packaging Solutions Provider Focused on Strategic Scalable Markets



5-Year adjusted OIBD¹ margin CAGR: 22%

5-Year sales CAGR: 13%

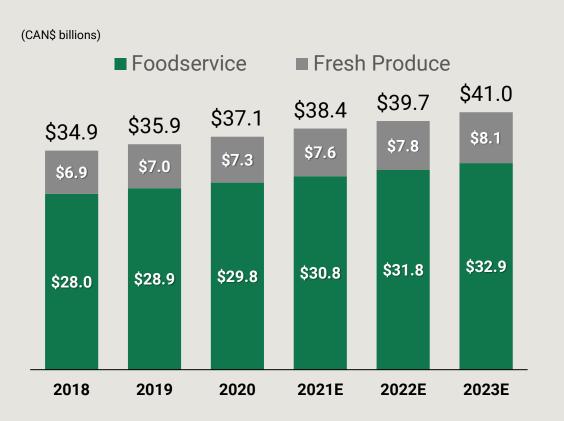


<sup>&</sup>lt;sup>1</sup> Please click here for supplemental information on non-IFRS measures and other financial measures.

# **Specialty Products**

With 50% of our 2021 sales coming from the fresh produce, egg packaging, food services & isothermal distribution markets, our eco-friendly packaging solutions are well positioned to capitalize on market trends.

## North American Fresh Produce and Foodservice Packaging Demand<sup>1</sup>



#### **Key Market Growth Drivers**

#### **Consumer Trends**

- Consumer focus on health and wellness driving demand for fresh foods
- New business models driving demand (e.g., meal kits and isothermal packaging)

#### **Sustainability is key**

- Demand for sustainable packaging driving single use plastic-to-fibre shift
- Regulatory actions prohibiting single plastic use or mandating recycled content
- Demand for sustainable packaging solutions outpacing general market projected growth



<sup>&</sup>lt;sup>1</sup> Note: Figures converted to CAD using exchange rate of \$0.79; figures may not tie due to rounding. Source: Freedonia, Wells Fargo Estimates

# **Specialty Products**

Our sustainable packaging solutions are aligned with growing market segments.

				northbox.®	
	EGG PACKAGING	FRUITS & VEGETABLES	PROTEINS	ISOTHERMAL DISTRIBUTION	FOOD SERVICES
MARKET GROWTH <sup>1</sup>	+ 3.4%	+ 3.5% 2019-2024	<b>+4.1%</b> 2019-2024	+ 12.3%	+ 3.4% 2018-2023
2024 MARKET VALUE OF TARGETED SUB-SEGMENTS <sup>1</sup>	\$0.3 B	\$0.7 B	\$2.5 B	\$0.3 B	\$0.3 B



# **Tissue Papers**





Retail Tissue

**54%** of 2021 sales

Branded: **7%**Private label: **47%** 



Away-from-Home

**36%** of 2021 sales

Branded: **19**% Private label: **17**%



Parent Rolls

**10%** of 2021 sales

### **2021 INTEGRATION RATE: 74%**

## 4<sup>th</sup> largest tissue producer in N.A.



<sup>&</sup>lt;sup>1</sup> Please click here for supplemental information on non-IFRS measures and other financial measures.

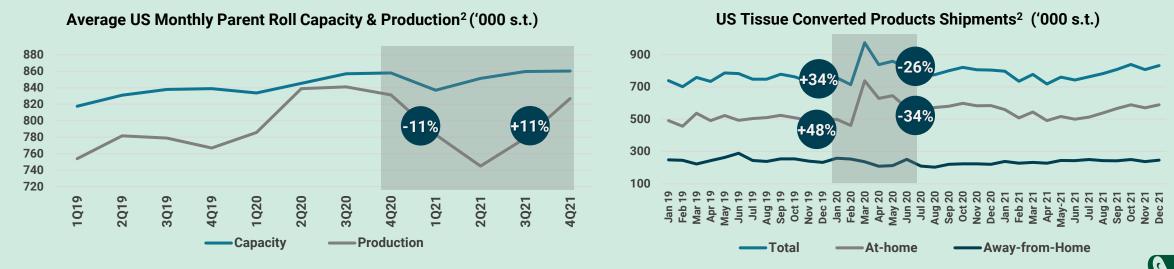


# Tissue Papers – What happened in 2021?

Volume + raw material headwinds accounted for 80% of the reduction in adjusted OIBD1



## Covid-19 had a significant disruptive and unpredictable impact on demand & production

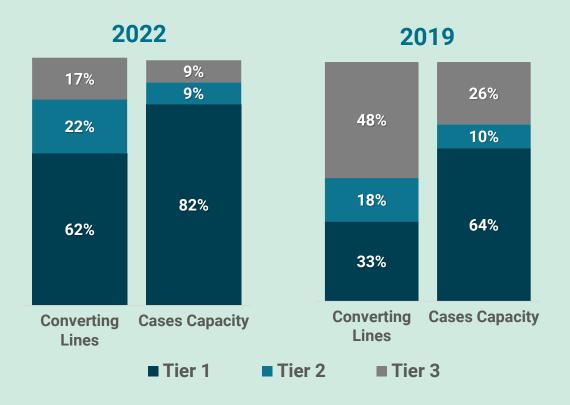


<sup>&</sup>lt;sup>1</sup> Please click here for supplemental information on non-IFRS measures and other financial measures. <sup>2</sup> Source: RISI – US Tissue Monthly Data Report, January 31, 2022.

More than \$400 M invested between 2017 - 2021 to strengthen and modernize our platform.

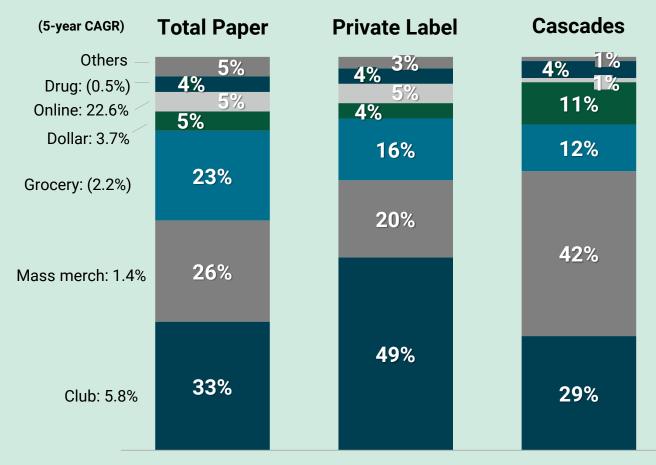
ACTION	EQUIPMENT	CAPACITY			
Closed	4 paper machines	104 K s.t.			
7 facilities	28 converting lines	16 M cases			
Added	13 converting lines (6 sites)	15 M cases			
Moved	5 converting lines (3 sites)	3 M cases			





✓ Improved quality of assets

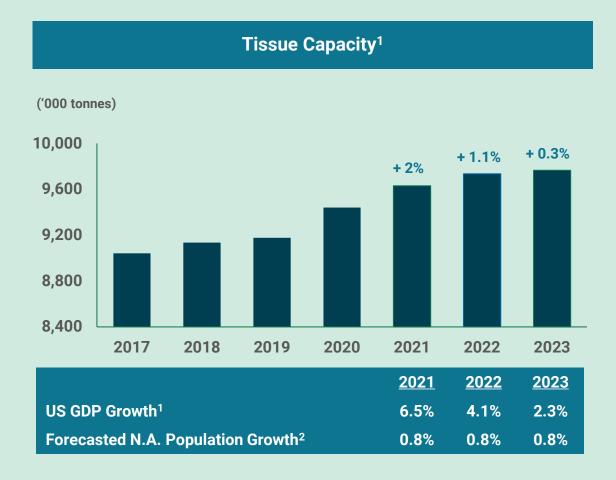
The majority of our retail tissue business is in growing retail segments.



- ~60% of Private Label volume is sold in Club. and Mass Merchandiser customer segments
- Majority of Cascades' Retail tissue share is in the Private Label segments Club and Mass merchandiser
- Cascades has more exposure to Mass merchandiser and Dollar segments compared to the market
- Cascades has lower exposure to grocery segment than the market

Retailer landscape (2021 YTD Sales, CAN\$)





#### **Key Market Growth Drivers**<sup>3</sup>

#### Retail



- Premiumization; demand for Ultra and Premium product segments
- Consumers increasingly brand agnostic, willing to purchase private label

### Away-from-Home (AFH)



- Economies re-opening, people returning to offices and public spaces
- Customer demand for sustainable tissue solutions and greater recycled content

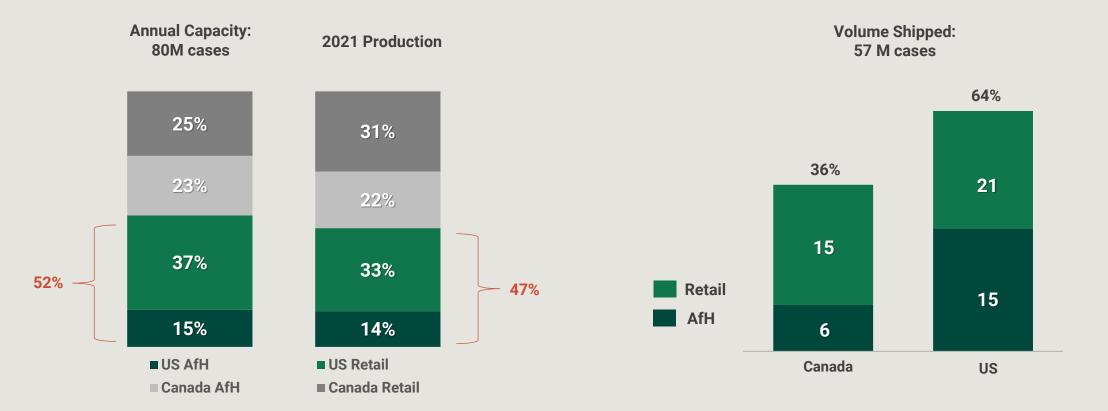
<sup>&</sup>lt;sup>1</sup> Source: RISI, NA Packaging Outlook Nov 2021. Tissue capacity data, World Tissue Capacity Report, Sep 2021. Note: effective capacity considers learning curves of new expansions and acquisitions/divestments. Total production capacity is total reported capacity. <sup>2</sup> Source: Organization for Economic Cooperation and Development (OECD), Feb 2022. Reflects FY2020 Breakdown. Source: AF&PA, Paper Packaging Canada, RISI, Equity Research



**Our US and Canadian businesses are interconnected** 

52% of our annual capacity is in the US... in 2021 only 47% came from there

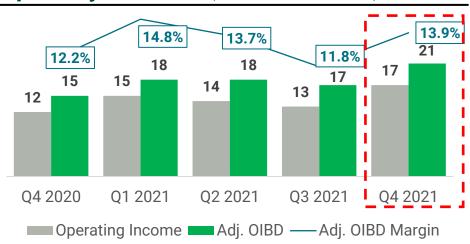
...while 64% of our 2021 volume was sold in the U.S.



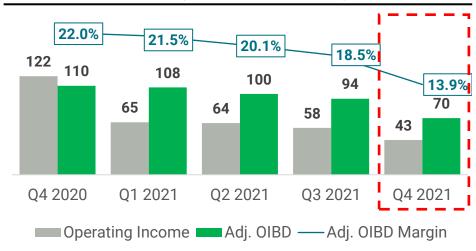
## **APPENDICES**

## Quarterly Segmented Operating Income (Loss), Adjusted OIBD<sup>1</sup> & Margin

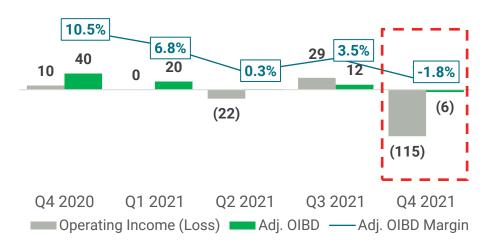
#### **Specialty Products** (millions of CAN\$/%)



#### **Containerboard** (millions of CAN\$/%)



#### **Tissue Papers** (millions of CAN\$/%)





# Quarterly Financial Results



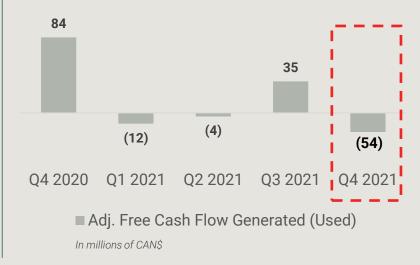


(In millions of CAN\$, except amount per share)	2019 <sup>2</sup> Year	Q1	Q2	Q3	Q4	2020 Year	Q1 <sup>2</sup>	Q2	Q3	Q4	2021 Year
Financial results											
Sales	3,948	1,041	1,020	1,014	1,030	4,105	942	956	1,030	1,028	3,956
Operating income	216	70	64	54	104	292	44	23	73	(90)	50
Adjusted OIBD <sup>1</sup>	496	131	143	133	139	546	122	98	107	62	389
Net earnings (loss)	72	22	54	49	73	198	22	3	32	105	162
Adjusted net earnings (loss) <sup>1</sup>	96	39	58	48	42	187	29	8	(1)	(9)	27
Net earnings (loss) per share	\$0.77	\$0.24	\$0.57	\$0.51	\$0.72	\$2.04	\$0.22	\$0.02	\$0.32	\$1.04	\$1.60
Adjusted net earnings (loss) per share <sup>1</sup>	\$1.02	\$0.42	\$0.61	\$0.50	\$0.42	\$1.95	\$0.29	\$0.07	(\$0.01)	(\$0.09)	\$0.26

<sup>(1)</sup> Please click here for supplemental information on non-IFRS measures. (2) Q1 2021, 2020 and 2019 consolidated results have been adjusted to reflect retrospective adjustments of discontinued operations. Please refer to the "Discontinued Operations" section and Note 4 of the 2021 third quarter Unaudited Condensed Interim Consolidated Financial Statements for more details.

# Quarterly Cash Flows





	2019 <sup>4</sup>					2020 <sup>4</sup>					2021
(In millions of CAN\$, except amount per share)	Year	Q1	Q2	Q3	Q4	Year	Q1 <sup>5</sup>	Q2	Q3	Q4	Year
Cash flow from operations	323	124	125	78	131	458	82	87	58	20	247
Specific items <sup>1</sup>	24	_	_	9	6	15	4	2	12	31	49
Adjusted cash flow from operations <sup>2</sup>	347	124	125	87	137	473	86	89	70	51	296
Including: Net financing expense paid	(131)	(16)	(7)	(48)	(5)	(76)	(40)	(4)	(41)	(11)	(96)
Capital expenditures & other assets, lease obligations payments, net of disposals	(229)	(73)	(47)	(53)	(41)	(214)	(86)	(83)	(19)	(106)	(295)
Dividends <sup>3</sup>	(38)	(10)	(12)	(11)	(12)	(45)	(12)	(10)	(17)	(16)	(55)
Adjusted free cash flow <sup>2</sup>	80	41	66	23	84	214	(12)	(4)	34	(71)	(54)
Adjusted free cash flow per share <sup>2</sup>	\$0.85	\$0.44	\$0.70	\$0.24	\$0.84	\$2.23	\$(0.12)	(\$0.04)	\$0.33	(\$0.70)	(\$0.53)

<sup>(1)</sup> Specific items: premiums paid on the repurchase of long-term debt and restructuring costs. (2) Please click here for supplemental information on non-IFRS measures. (3) Paid to our shareholders and to non-controlling interests. (4) Q1 2021, 2020 and 2019 consolidated cash flows have been adjusted to reflect retrospective adjustments of discontinued operations. Please refer to the "Discontinued Operations" section and Note 5 of the 2021 Audited Consolidated Financial Statements for more details.



## **Reference Prices and Fibre Costs**

	2019					2020					2021	Q4 20 Q4 2		Q4 20 Q3 20	
These indexes should only be used as an indicator of trends and they may be different than our actual selling prices or purchasing costs.	Year	Q1	Q2	Q3	Q4	Year	Q1	Q2	Q3	Q4	Year	units)	(%)	(units)	(%)
Selling prices (average)															
PACKAGING PRODUCTS															
Containerboard (US\$/short ton)															
Linerboard 42-lb. unbleached kraft, Eastern US (open market)	734	715	715	715	748	723	772	825	858	875	833	127	17%	17	29
Corrugating medium 26-lb. semichemical, Eastern US (open market)	638	615	615	615	648	623	675	735	775	795	745	147	23%	20	39
Specialty Products (US\$/short ton) Uncoated recycled boxboard - 20-pt. bending chip (series B)	730	710	700	700	720	708	740	793	867	980	845	260	36%	113	139
TISSUE PAPERS (US\$/short ton)															
Parent rolls, recycled fibres (transaction)	1,142	1,111	1,138	1,123	1,110	1,120	1,115	1,159	1,170	1,178	1,156	68	6%	8	19
Parent rolls, virgin fibres (transaction)	1,429	1,416	1,450	1,427	1,418	1,428	1,453	1,550	1,544	1,511	1,515	93	7%	(33)	(2%
Raw material (average)															
RECYCLED PAPER															
North America (US\$/short ton)												i			
Sorted residential papers, No. 56 (SRP – Northeast	15	8	18	33	39	24	44	59	108	108	80	69	177%	-	-%
average)															
Old corrugated containers, No. 11 (OCC – Northeast	41	36	93	58	59	61	79	102	162	167	127	108	183%	5	3%
average)															
Sorted office papers, No. 37 (SOP - Northeast average)	128	89	160	109	80	109	94	117	153	173	134	93	116%	20	13%
VIRGIN PULP (US\$/metric ton)												!			
Northern bleached softwood kraft, Canada	1,239	1,127	1,158	1,140	1,138	1,141	1,302	1,598	1,542	1,472	1,478	334	29%	(70)	(5%
Bleached hardwood kraft, mixed, Canada/US	1,036		897	875	868	883	1,037	1,297	1,320	1,262	1,229	394	45%	(58)	(4%

Source: RISI

## **SUSTAINABILITY ACTION PLAN: 2021-2025**

3<sup>rd</sup> party frameworks, standards & guidelines provide comprehensive & transparent information for our customers, investors & stakeholders

RANKING AGENCIES WHERE DATA IS FOLLOWED/VERIFIED/SUBMITTED

FRAMEWORKS/STANDARDS BEING FOLLOWED AND/OR EVALUATED



























DRIVING AMBITIOUS CORPORATE CLIMATE ACTION

SENS	SITIVITIES <sup>1</sup>	SHIPMENTS /CONSUMPTION ('000 s.t, '000 mm Btu for Natural Gas)	INCREASE	OIBD IMPACT (in CAN\$ M)		
SELLING PI	RICE <sup>2</sup> (Manufacturing & Converting)					
North America  Linerboard, Eastern US Corrugated medium, Eastern US Converted products Tissue Papers		400 330 840 550	US\$25/s.t. US\$25/s.t. US\$25/s.t. US\$25/s.t.	13 10 26 17		
RAW MATE	RIALS <sup>2</sup> (Recycled Papers, Pulp, Gas)					
	Brown grades (OCC & others)	1,660	US\$15/s.t.	(31)		
	Groundwood grades (SRP & others)	110	US\$15/s.t.	(2)		
North America	White grades (SOP & others)	330	US\$15/s.t.	(6)		
7	Virgin pulp	180	US\$30/s.t.	(7)		
	Natural gas	8,200	US\$1.00/mmBtu	(10)		
EXCHANGE RATE <sup>3</sup>						
Translation - U.S. subsidiaries			CAN\$/US\$ 0.01 change	1		



<sup>&</sup>lt;sup>1</sup> Sensitivity calculated according to 2021 volumes or consumption with year-end closing exchange rate of CAN\$/US\$ 1.25, excluding hedging programs and the impact of related expenses such as discounts, commissions on sales and profit-sharing. <sup>2</sup> Based on 2021 external manufacturing & converting shipments, and fibre and pulp consumption. Including purchases sourced internally from our recovery and recycling operations. Adjusted to reflect acquisitions, disposals and closures, if needed. <sup>3</sup> As an example, based on CAN\$/US\$ 1.25 to CAN\$/US\$ 1.26.

# Cascades

investor@cascades.com