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Sustainability Accounting Standards Board (SASB) Index

This index aligns with the recommended disclosures as outlined in the SASB Containers & Packaging sector standard.

SASB Code	Metric	Unit	Response
Greenhouse Gas Emissions			
RT-CP-110a.1	Gross global Scope 1 GHG emissions	Metric tons of carbon dioxide equivalent (MT CO_2e)	6,718,568[1]
	% of global Scope 1 emissions covered under emissions-limited regulations	%	4%[2]
RT-CP-110a.2	Discussion of long and short term plan to manage Scope 1 emissions		2021 Sustainability Report, "**Addressing Scope 1 and 2 GHG Emissions**" pg. 33
	Emissions reduction targets and analysis of performance against those targets		Reduce our Scope 1, 2 and 3 GHG emissions by 35% from 2019-2030, aligned with the best-available climate science (SBTi-approved as "well-below 2-degree C" pathway). 2021 Sustainability Report, "**Addressing Scope 1 and 2 GHG Emissions**" pg. 33
Air Quality[3]			
RT-CP-120a.1	NOx (excluding N_2O)	MT	22,341
	SOx	MT	12,886

1. Consistent with the GHG Protocol, our reported Scope 1 GHG emissions and associated targets do not include biogenic GHG emissions, which were approximately 24.7 million metric tons in 2021
2. Our Madrid, Spain recycled containerboard mill and Grande Prairie mill in Canada operate under federal or regional emissions trading systems.
3. Calculation methodology: Data for air emissions are from mill operations only and are consistent with regional regulatory requirements for reporting data.

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SASB Code	Metric	Unit	Response
	volatile organic compounds (VOCS)	MT	21,450
	Particulate Matter 10 (PM10)	MT	3,043
Energy Management[3]			
RT-CP-130a.1	Total energy consumed	GJ	2021: 411,263,863 2020: 405,060,922 2019: 386,739,850
	Percentage grid electricity	%	5.8%
	Percentage renewable	%	66%[3]
	Total self-generated energy	GJ	384,957,603[4]
Water Management			
RT-CP-140a.1	Water withdrawn[5]	Thousands of Cubic meters	2021: 646,135 2020: 636,318 2019: 632,750
	Water effluent	Thousands of Cubic meters	2021: 600,832[6] 2020: 563,183 2019: 579,876
	Water consumed	Thousands of Cubic meters	2021: 45,303 2020: 73,135 2019: 52,874
	Water withdrawn in locations with High or Extremely High Baseline Water Stress as a percentage of the total water withdrawn	%	7%

3. Includes all fuel and energy sources at all IP manufacturing facilities.
4. Total energy consumption minus net purchased electricity.
5. This represents process water withdrawn for mill operations, which constitutes over 98% of our water use.
6. We returned 93% of water we withdrew in 2021. The remaining 7% was lost to evaporation in the process or remained as moisture in product.

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SASB Code	Metric	Unit	Response
	Water consumed in locations with High or Extremely High Baseline Water Stress as a percentage of the total water withdrawn	%	1%
RT-CP-140a.2	1) Description of water management risk and 2) discussion of strategies and practices to mitigate those risks		Water is a critical input for our process. We conduct a comprehensive facilities water risk assessment through an in-house methodology combining relevant internal and third-party data. Key factors include the World Resource Institute's (WRI) Aqueduct Baseline Water Stress (BWS) indicator, regulatory requirements, community relations and qualitative input from internal experts. This assessment serves as the foundation for our water stewardship strategy, including facility-level plans for context-based water stewardship under our Vision 2030 goals. Specifically, we use the assessment to prioritize sites for water-related operational improvements and watershed protection efforts. 2021 Sustainability Report, "**Advance Water Stewardship**" pg. 37 2021 Sustainability Report, "**GRI 303-2**" pg. 95 **CDP Water Security Response**, "W4. Risk and Opportunities"
RT-CP-140a.3	Number of incidents of non-compliance associated with water quality permits, standards, and regulations		Zero significant incidents of non-compliance associated with water quality permits, standards, and regulations in the reporting year.
Waste Management			
RT-CP-150a.1	Amount of hazardous waste generated & recycled	MT	We have a global data collection system for key indicators including Environment, Health and Safety. Through this system we also monitor hazardous/special waste generated in our mills annually. Our facilities strive to reduce hazardous waste generation in order to reduce disposal costs and compliance management requirements. We do not disclose hazardous waste volume data publicly.
Product Safety			
RT-CP-250a.1	Number of recalls issued, total units recalled		None

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SASB Code	Metric	Unit	Response
RT-CP-250a.2	Discussion of process to identify and manage emerging materials and chemicals of concern		International Paper operates under a global Product Stewardship Performance Standard to ensure that all products sold meet applicable regulatory and chemical of concern requirements, and are safe for their intended end use. The elements of that standard include product hazard assessments; good manufacturing practices; raw material conformance and acceptability; representative product testing; product event tracking and corrective actions; product declarations; employee training and possible audits. Conformance and acceptability of raw materials is carried out using a matrix of raw material requirements that vary by end use application, regulatory jurisdiction and applicable industry standards. Requirements include regulatory compliance and substance of concern prohibitions or use restrictions as appropriate. New raw materials are assessed for conformance prior to use in our products. Existing raw materials are subject to regular reassessment as regulations change and new chemicals of concern emerge. Chemical of concern, regulatory and exposure assessment testing (i.e. food contact migration testing and skin irritation or sensitization testing) of representative products is carried out regularly to demonstrate ongoing acceptability and safety of our products. Raw material conformance and acceptability is also a key component of our process for development of new products. Potential raw materials are evaluated early in the process to quickly rule out unacceptable materials and identify appropriate screening needs. New products under development may be screened for chemicals of concern or to evaluate impact of exposures.
Product Lifecycle Management			
RT-CP-410a.1	% of raw materials from recycled content	% by weight	10% of our sourced fiber is recovered fiber
	% of raw materials from renewable resources	% by weight	100% of our sourced wood and recovered fiber are from renewable resources
	% of raw materials from renewable and recycled content	% by weight	10% of our sourced fiber is recovered fiber, all of which is from renewable resources
RT-CP-410a.2	Revenue from products that are reusable, recyclable, and/or compostable	% by weight	95% of our products are reusable, recyclable, and/or compostable
RT-CP-410a.3	Discussion of strategies to reduce the environmental impact of packaging throughout its lifecycle	Not applicable – comprehensive	2021 Sustainability Report, "**Sustainability Across the Value Chain**" pg. 15 2021 Sustainability Report, "**Renewable Solutions**" pg. 40

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SASB Code	Metric	Unit	Response
Supply Chain Management			
RT-CP-430a.1	Total weight (in metric tons) of wood-fiber-based raw materials procured	MT	48,288,856[7]
	Total wood fiber procured, percentage from certified sources	%	34.5% of our fiber is sourced from forests certified to the FSC®, PEFC™ or SFI® forest management standards
RT-CP-430a.2	Total aluminum purchased, percentage from certified sources	tCO_2e, %	Not Applicable
Activity Metrics			
RT-CP-000.A	Amount of production, by substrate in 2021	MT	**2021 10-K**, "Sales Volume by Product" pg. 4
RT-CP-000.B	Percentage of production as: (1) paper/wood, (2) glass, (3) metal, and (4) plastic	% by revenue	100% paper/wood
RT-CP-000.C	Number of employees		38,200

7. Total roundwood and chips purchased for paper & pulp production.