



2023, CROWN HOLDINGS, INC.

EMISSION REDUCTION STRATEGY

OUR OPERATIONS:

Renewable Energy

Response		Sources
NEAR-TERM ACTIONS	Current and near-term actions your company is taking to reduce emissions in line with its 1.5°C targets that cover the most relevant emissions sources across all three scopes.	
Reducing our Scope 2 emissi and 100% by 2040 as part of	ions: Committing to reach 75% renewable electricity by 2030 our Twenty by 30 ™ goals.	Crown Renewable Energy
GHG REDUCTIONS	Emissions reduction expected if action is successful (total emissions reduced and percent of total emissions).	
by 43% relative to 2019.	y goal by 2030 is projected to reduce our scope 1 & 2 emissions goal would reduce our scope 1 & 2 emissions by 57% relative to 2019.	 Calculation based on verified dataset reported in Crown's 2023 sustainability report (% that electricity represents of total) <u>Crown SR Pg 23</u> <u>Crown Verification Statement</u>
TIMELINE	Implementation timeline and partners engaged (internal or external).	
We have a plan in place to ac in line with our RE100 commit	hieve 75% renewable electricity by 2030 and 100% by 2040, tment.	Crown SR Pg 57
INVESTMENTS	Investments planned (type and % of total e.g., of capex and/or opex).	
Investments planned include	both on-site and off-site purchase power agreements.	Crown SR Pgs 20-21
CHALLENGES	Potential barriers and how to address them.	
where there is no renewable e on-site projects in other regio	cing renewable electricity in our Asia Pacific region, specifically in Vietnam electricity on a grid level yet available. We are adapting by funding renewable ons as we continue to monitor the situation in Asia. We are committed to ectricity in all countries in which we operate, by 2040.	<u>CDP 8.2M</u>
JUST TRANSITION	Just transition considerations applied to this action.	
a just transition perspective, or whether it brings job opportu	st transition impacts in 2024. When choosing renewable energy projects with considerations may include the communities impacted by the project site – nities, disruptions, pollution impacts, etc. When possible, Crown will consider ng renewable energy to the grid but also equitably distribute the benefits of	

OUR OPERATIONS:

Energy Efficiency

Response		Sources
NEAR-TERM ACTIONS	Current and near-term actions your company is taking to reduce emissions in line with its 1.5°C targets that cover the most relevant emissions sources across all three scopes.	
the manufacturing sites aroun performance review. We have outstanding achievements ar improvements. Crown's dedi	couraged to identify opportunities for emission reductions. Managers at nd the world have established efficiency indicators as part of their annual e implemented a Best Practices program for sites to be recognized for nd for other sites with similar operations to learn and implement similar cated sustainability CAPEX helps to fund equipment upgrades that can I 2 emissions. We regularly engage with suppliers to address emissions as well.	CDP 1.3a Crown Best Practices Crown SR Pg 48
GHG REDUCTIONS	Emissions reduction expected if action is successful (total emissions reduced and percent of total emissions).	
	ted CO2e savings for various energy-savings initiatives that were implemented al reduction is expected to be much greater as these savings are not inclusive rojects in other years.	<u>CDP 4.3</u>
TIMELINE	Implementation timeline and partners engaged (internal or external).	
years. In 2023, Crown's Proje opportunities on a broad sca building new plants. As new	operational efficiency Y-o-Y to meet the Twenty by 30 [™] goals in the next 7 ect Management and Engineering (PM&E) team began exploring efficiency le for global operations as well as considering environmental efficiency when efficiency opportunities arise, we plan to implement them at multiple sites ng with new and current equipment vendors to find new technologies and nimizing resources.	
INVESTMENTS	Investments planned (type and % of total e.g., of capex and/or opex).	
	al budget for sustainability projects. y's Research & Development spending goes towards Sustainability.	<u>CDP 2.4</u>
CHALLENGES	Potential barriers and how to address them.	
recognize the energy efficien	time to test and scale. By partnering with vendors early, Crown is looking to cy benefits of these projects as we learn more and develop solutions. While ons, this is only one aspect of getting to net zero.	<u>CDP 8.2M</u>
JUST TRANSITION	Just transition considerations applied to this action.	
Crown expects to evaluate ju	ist transition impacts in 2024 but does not currently have information to report.	

OUR OPERATIONS:

Energy Transition

Response		Sources
NEAR-TERM ACTIONS	Current and near-term actions your company is taking to reduce emissions in line with its 1.5°C targets that cover the most relevant emissions sources across all three scopes.	
recovery and electrification of h	tions, Crown is optimizing all gas used in facilities through proper heat neating equipment where possible. The transition to electric equipment and t can be supplied by/attributed to clean energy sources as we increase	<u>Crown SR Pg 57</u>
GHG REDUCTIONS	Emissions reduction expected if action is successful (total emissions reduced and percent of total emissions).	
Crown will consider publishing electrification.	the specific emissions reduction associated with transitioning to	
TIMELINE	Implementation timeline and partners engaged (internal or external).	
· ·	tional electrification strategies to close the gap, including setting a Net Zero i and publishing a formal Net Zero plan within the next two years.	Crown SR
INVESTMENTS	Investments planned (type and % of total e.g., of capex and/or opex).	
	uded in Crown's financial reporting, the Company intends to continue to s and transition to electric-powered equipment.	
CHALLENGES	Potential barriers and how to address them.	
	ated with higher costs and supply must increase to meet demand. As more Crown expects the cost of the energy transition to stabilize.	
JUST TRANSITION	Just transition considerations applied to this action.	
Crown expects to evaluate just	transition impacts in 2024.	

OUR OPERATIONS & VALUE CHAIN:

R&D Investment

Response		Sources
NEAR-TERM ACTIONS	Current and near-term actions your company is taking to reduce emissions in line with its 1.5°C targets that cover the most relevant emissions sources across all three scopes.	
The sustainability team work opportunities	e focused on sustainability improvements as closely with members of the R&D team to explore new solutions and as to also commit to R&D investments to work towards 1.5C targets	<u>Crown SR Pgs 20-21</u> <u>Crown Never Compromise</u>
GHG REDUCTIONS	Emissions reduction expected if action is successful (total emissions reduced and percent of total emissions).	
believes investing in R&D is crit	the emission reduction associated with this strategy in 2024. Crown tical to reduce emissions by accelerating advancements in canmaking, such ovement, lightweighting, and optimized processes.	
TIMELINE	Implementation timeline and partners engaged (internal or external).	
Since 2021, Crown's reported F to utilize the technical skills of t	R&D spend on Sustainability has been above 60% and we plan to continue the R&D team to improve.	Crown Never Compromise
INVESTMENTS	Investments planned (type and % of total e.g., of capex and/or opex).	
	at least 50% of its Research & Development (R&D) technology developments of its products and manufacturing processes	Crown Never Compromise
CHALLENGES	Potential barriers and how to address them.	
	takeholders can create a challenge when competing for limited resources. and incur costs. Crown recognizes the long-term benefits of these types of R&D team.	
JUST TRANSITION	Just transition considerations applied to this action.	
Crown expects to evaluate just	transition impacts in 2024.	

OUR VALUE CHAIN:

Reducing Upstream Emissions Through Lightweighting and Circularity (Includes Recycling & Product takeback)

Response		Sources
NEAR-TERM ACTIONS	Current and near-term actions your company is taking to reduce emissions in line with its 1.5°C targets that cover the most relevant emissions sources across all three scopes.	
Crown is currently working to upstream emissions such as:	wards 2030 goals around lightweighting and circularity through addressing	Crown Circularity
	artners to support public access to recycling	Crown Recycling Goals
• •	education on importance of recycling aluminum beverage cans quipment at recycling centers to improve sorting efficiencies and capture cycling	<u>Crown SR Pgs 11-12, 53-55</u>
 Lightweighting requires les of the same if not better quires 	s raw material (and therefore less associated emissions) to produce a product ality.	
GHG REDUCTIONS	Emissions reduction expected if action is successful (total emissions reduced and percent of total emissions).	
Crown expects to calculate a	n emission reduction associated with this strategy in 2024.	
TIMELINE	Implementation timeline and partners engaged (internal or external).	
.	ards our 2030 goals. The timeline of recycling efforts depends on the region.	Crown Recycling Goals
establish a recycling rate goa to educate and promote recycling	began in 2023 with a study to determine current recycling rates. We plan to I by 2025. In regions with more mature recycling markets, Crown is working cling in the communities and governments. The timeline for Crown's goals be found on the Crown website.	Crown News IAI Study
INVESTMENTS	Investments planned (type and % of total e.g., of capex and/or opex).	
Quantitative details of the inve	estment strategy are confidential.	Crown News Can Capture Grants
CHALLENGES	Potential barriers and how to address them.	
Zero waste relies on other stakeholders in the value chain. Crown works to engage with the necessary stakeholders to monitor data and find solutions.		
JUST TRANSITION	Just transition considerations applied to this action.	
Crown expects to evaluate just	st transition impacts in 2024.	

OUR VALUE CHAIN: Reducing Downstream Emissions Through Zero Waste

Response		Sources
NEAR-TERM ACTIONS	Current and near-term actions your company is taking to reduce emissions in line with its 1.5°C targets that cover the most relevant emissions sources across all three scopes.	
	ies, steel and aluminum represent about 85% of our incoming materials. capture, recover and recycle nearly 100% of our metal waste globally.	Crown Waste reduction
100% of metal scrap created	in the production process is recycled back into production.	Crown SR Pgs 32-33
GHG REDUCTIONS	Emissions reduction expected if action is successful (total emissions reduced and percent of total emissions).	
Crown expects to calculate a	n emission reduction associated with this strategy in 2024.	
TIMELINE	Implementation timeline and partners engaged (internal or external).	
We are making progress towards 2030 goals. As of November 2020, 100% of Crown's beverage can plants in Brazil are zero waste to landfill. March 2021: Zero Waste Certificate Initiative awarded by the Turkish government to our beverage can operations in Izmit and Osmaniye.		<u>Crown News Turkey</u>
INVESTMENTS	Investments planned (type and % of total e.g., of capex and/or opex).	
Quantitative details of the inv	estment strategy are confidential.	
CHALLENGES	Potential barriers and how to address them.	
Zero waste relies on other stakeholders in the value chain. Crown works to engage with the necessary stakeholders to monitor data and find solutions.		
JUST TRANSITION	Just transition considerations applied to this action.	
Crown expects to evaluate ju	st transition impacts in 2024.	

OUR VALUE CHAIN: Biodiversity

Response		Sources
NEAR-TERM ACTIONS	Current and near-term actions your company is taking to reduce emissions in line with its 1.5°C targets that cover the most relevant emissions sources across all three scopes.	
	Biodiversity Assessment Tool (IBAT) to assess beverage manufacturing plant co and Europe regions and identify potential risks (assessment conducted	Crown Biodiversity Crown News International Biodiversity
back to those watersheds by Crown's Twenty by 30 ™ prog	enishing 100% of the water we consume from our water-stressed locations, y 2030 (established through Goal #9, part of the Resource Efficiency pillar of gram). orld are taking part in local efforts to mitigate the biodiversity crisis.	
GHG REDUCTIONS	Emissions reduction expected if action is successful (total emissions reduced and percent of total emissions).	
addressing our impact on ou	an emission reduction associated with this strategy in 2024. Crown believes ur ecosystems and recognizing the dependency we and our stakeholders in m is critical because emissions are directly related to the sustainability of these ould impact our business.	
TIMELINE	Implementation timeline and partners engaged (internal or external).	
stakeholder in Greece starte and have plans to invest in a	vards 2030 goals. The first water replenishment project with an external ed in 2023. We continue to monitor the classification of water-stress at our sites additional water replenishment projects in late 2023 and 2024, ongoing through se pursuant to the TNFD recommendations within the timeframe of the TNFD	<u>Crown Biodiversity</u>
INVESTMENTS	Investments planned (type and % of total e.g., of capex and/or opex).	
	opportunities to invest resources in biodiversity studies and replenishment antitative details of the investment strategy are confidential.	
CHALLENGES	Potential barriers and how to address them.	
making business decisions	ge and biodiversity conservation being connected is a new to consider when and an integrated approach must be taken. Crown can work with NGOs, ng others for research and financial support.	
JUST TRANSITION	Just transition considerations applied to this action.	
Crown expects to evaluate j	ust transition impacts in 2024.	

BUSINESS STRATEGY INTEGRATION AND GOVERNANCE

Risk and Opportunities Current and near-term actions you are taking to address risk management and new opportunities associated with climate change.

Response	Sources
LIST OF ACTIONS	
 Crown has identified and categorized risks/opportunities as: Physical risks: acute (short- to medium- term) and chronic (long-term) Transition risks: Policy/Legal, Technology, Market, Reputation Opportunities: Resource efficiency, energy source, products & services, markets, resilience Crown's mitigation in the near-term is in response to both what might be ahead in the near and long-term. A thorough list of details of these risks and opportunities as well as Crown's response can be found in the TCFD report. 	<u>Crown TCFD report Pgs 8-10</u>
IMPLEMENTATION TIMELINE AND PARTNERS (IF RELEVANT)	
Crown is continuously working to identify and mitigate risk while benefiting from opportunities that are aligned with the 1.5C targets. This is an ongoing effort that involves various functions of the organization including Finance, Risk Management, Legal, Sustainability, among others.	Crown TCFD report Pg 6
POTENTIAL BARRIERS AND HOW TO ADDRESS THEM	
Some mitigation mechanisms can prove to be expensive and complicated. Crown uses data to make business decisions with a long-term strategy in mind and relies on external expertise when necessary.	Crown Biodiversity

Investment and Business Model

Current and near-term actions your company is taking to adjust investments and business model decisions to align with your 1.5°C targets.

Response	Sources
LIST OF ACTIONS	
Using the recommendations of the Task Force for Climate-Related Financial Disclosures (TCFD), Crown identified alignment between the corporate strategy and meeting 1.5C targets. Through Scenario Analysis, potential outcomes were considered based to allow us to better prepare by determining what steps to take to mitigate risks and benefit from opportunities. Investment decisions such as creating a sustainability CAPEX budget and entering into long-term renewable energy agreements align with Crown's 1.5C targets.	<u>Crown TCFD report Pgs</u> <u>13-15</u>
IMPLEMENTATION TIMELINE AND PARTNERS (IF RELEVANT)	
Implementing the 1.5C – aligned business strategy is an ongoing effort at Crown. The Twenty by 30 [™] program launched over 3 years ago, and the journey towards a more sustainable future started long before then. We have successfully integrated a sustainability mindset throughout the company and continue to improve and build resilience.	Crown SR Pgs 3-4
POTENTIAL BARRIERS AND HOW TO ADDRESS THEM	
Conflicting views of stakeholders regarding the importance of aligning the business to 1.5C targets could create tension and barriers to progress. Crown relies on data to make informed business decisions.	

GOVERNANCE AND ACCOUNTABILITY

Current and near-term actions your company is taking to align governance practice with your 1.5°C targets. These can include but are not limited to actions to tie executive compensation, break down silos among business units, and increase board competencies on climate action.

Response	Sources
LIST OF ACTIONS	
Specific responsibilities are held by the Nominating and Corporate Governance Committee and Audit Committee of the Board are described in the TCFD Report. Management responsibilities related to climate primarily belong to Crown's Senior Vice President –	<u>Crown TCFD report</u> CDP 1.3a
Crown Technology, Global Sustainability and Regulatory Affairs and the Global Executive Sustainability Committee. Additional details can be found in the referenced GRI disclosures and incentive details are	<u>Crown SR Pg 44</u>
reported in CDP. Crown will seek full Board approval of the Net Zero target before submitting to SBTi	Crown Sustainability Governance
The Board is regularly informed of climate-related topics and activities. Beyond this general level of education, we plan to formally educate one or more Directors to serve as a climate expert.	<u>Crown SR GRI Disclosures 2-9, 2-10, 2-11, 2-12, 2-13, 2-14, 2-17</u>
IMPLEMENTATION TIMELINE AND PARTNERS (IF RELEVANT)	
 Submit Board-approved Net Zero targets to the SBTi in 2024 Crown has identified the importance of having a Board member with competency on climate-relates issues. Crown has established plans to ensure that a Board member has the appropriate level of climate-related competency within the next two years. 	CDP 1.1d
POTENTIAL BARRIERS AND HOW TO ADDRESS THEM	
 Many new regulations within different jurisdictions and requirements being revised in an effort to standardize and prioritize sustainability reporting creates a challenge for Directors and managers to stay informed and prepared. Crown engages with external stakeholders to ensure appropriate levels of education and preparation. 	
 As leaders, executive management and directors are held accountable for the Company's actions and success as a climate-conscious organization. They must lead by example to make certain that the Company's values and commitments to sustainability are building blocks of the organization. 	

PUBLIC POLICY

Public Advocacy Current and near-term actions you are taking to advocate for public policies that support your 1.5°C targets.

Response	Sources
LIST OF ACTIONS OR POLICIES	
 Our membership of and engagement with trade associations could influence policy, law, or regulation that may impact the climate as we work via these associations to advocate for public policies that support our 1.5°C targets COP28 Participation in "Driving Decarbonization" session participation CMI Grants Crown is taking action to increase recycling rates recycling rates which supports our 1.5°C targets IMPLEMENTATION TIMELINE AND PARTNERS (IF RELEVANT) 	<u>Crown at COP 28</u> <u>Recycling Facility Grants CMI</u> <u>CDP Climate Change Questionnaire</u> <u>Crown mid-term recycling goals</u> <u>Crown TCFD Report</u> <u>Crown Trade Associations</u> <u>Crown's SBTi targets</u>
Efforts are ongoing and continuous. Partners include the International Aluminium Institute, The Can Manufacturer's Institute (CMI), Metal Packaging Europe (MPE), Abralatas, CANAFEM, Food Industry Asia (FIA), and still others that are listed on our website.	
POTENTIAL BARRIERS AND HOW TO ADDRESS THEM	
Potential barriers include unifying engagement across multiple physical and regulatory boundaries as Crown is a global company. Crown is addressing this through internal updates and communication so as to strategize on global unification of effort.	

Lobbying and Trade Associations Current and near-term actions your company is taking to ensure all your lobbying and trade association activities are aligned with your 1.5°C targets.

Response	Sources
LIST OF ACTIONS OR POLICIES	
Our membership of and engagement with trade associations could influence policy, law, or regulation that may impact the climate as we work via these associations to advocate for public policies that support our 1.5°C targets.	Crown Trade Associations
IMPLEMENTATION TIMELINE AND PARTNERS (IF RELEVANT)	
Efforts are ongoing and continuous to ensure that any lobbying and trade association activities are aligned with our 1.5°C targets. Crown does this through an annual review of trade	
POTENTIAL BARRIERS AND HOW TO ADDRESS THEM	
Potential barriers include unifying engagement across multiple physical and regulatory boundaries as Crown is a global company. Crown is addressing this through internal updates and communication so as to strategize on global unification of effort.	

Specific Policy Levers Top 3-5 policy levers that are needed to help you meet your 1.5°C targets.

Response	Sources
LIST OF ACTIONS OR POLICIES	
 Recycling deposits and/or EPR as outlined in our recycling goals. Value-chain SBTi and emission transparency. Commonality and transparency in reporting such as via CSRD and proposed SEC climate-related disclosures. 	Crown TCFD report Crown mid-term recycling goals Crown trade associations Crown's SBTi targets
IMPLEMENTATION TIMELINE AND PARTNERS (IF RELEVANT)	
Implementation timeline is immediate and looks to Crown's mid-term target date of 2030, and to Crown's long-term target dates of 2040 and 2050.	
POTENTIAL BARRIERS AND HOW TO ADDRESS THEM	
Potential barriers include unifying targets across multiple reporting mechanisms. Crown is addressing this through its commitment to prioritizing the SBTi as the standard for emission targets.	

JUST TRANSITION

Support For Workforce, Suppliers, and Customers Current and near-term activities to support your existing workforce, suppliers, and vulnerable customers in the net zero transition.

Response	Sources
LIST OF ACTIONS OR POLICIES	
Our Human Rights Policy includes a commitment to local communities among other ways to support employees and individuals in the supply chain such as collective bargaining and restricting unjust working conditions. Crown also has a Conflict Minerals Policy in place. As we transition to net zero, Crown will remain committed to ensuring the safety and well being of the workforce, suppliers, and vulnerable customers.	Crown Human Rights Policy
IMPLEMENTATION TIMELINE AND PARTNERS (IF RELEVANT)	
Efforts are ongoing and continuous.	
POTENTIAL BARRIERS AND HOW TO ADDRESS THEM	
Crown's primary focus has been on the business of manufacturing. Expanding priorities to support a just transition is new and could require further education and resources.	

Stakeholder Consultation Current and near-term activities to consult and implement feedback from your workforce, suppliers, and impacted communities.

Response	Sources
LIST OF ACTIONS OR POLICIES	
 Crown will publish results of our first double materiality assessment in 2024. This process included interviews with stakeholders to give them a chance to share feedback on how we are contributing to a just transition. Crown recognizes the importance of considering how our transition to net zero impacts communities and other stakeholder. We will look to evaluate these impacts when making business decisions. As part of the ASI certification process, Crown facilities and operations are audited with attention to Human Rights and stewardship towards disadvantaged communities. 	Crown ASI Brazil Crown ASI APAC
IMPLEMENTATION TIMELINE AND PARTNERS (IF RELEVANT)	
 Crown regularly refreshes its materiality assessment on a biannual cadence. Crown has earned ASI certification in Brazil, Mexico, Thailand and Colombia. Efforts are ongoing to expand ASI certifications to beverage divisions in other regions as well. 	
POTENTIAL BARRIERS AND HOW TO ADDRESS THEM	
 Changing or opposing interests from various stakeholders. Stakeholder expectations could cause the Company to incur additional costs. Crown engages with employees, suppliers, and customers on a regular basis beyond the bi-annual materiality assessment. This helps to prevent any unforeseen changes. 	



