

Casella Waste Systems, Inc.

2025 CDP Corporate Questionnaire

.

Contents

C1. Introduction.....	5
(1.1) In which language are you submitting your response?	5
(1.2) Select the currency used for all financial information disclosed throughout your response.....	5
(1.3) Provide an overview and introduction to your organization.	5
(1.4) State the end date of the year for which you are reporting data. For emissions data, indicate whether you will be providing emissions data for past reporting years.....	6
(1.4.1) What is your organization’s annual revenue for the reporting period?.....	7
(1.5) Provide details on your reporting boundary.	7
(1.6) Does your organization have an ISIN code or another unique identifier (e.g., Ticker, CUSIP, etc.)?	7
(1.7) Select the countries/areas in which you operate.	8
(1.24) Has your organization mapped its value chain?	8
(1.24.1) Have you mapped where in your direct operations or elsewhere in your value chain plastics are produced, commercialized, used, and/or disposed of?	8
C2. Identification, assessment, and management of dependencies, impacts, risks, and opportunities.....	10
(2.1) How does your organization define short-, medium-, and long-term time horizons in relation to the identification, assessment, and management of your environmental dependencies, impacts, risks, and opportunities?.....	10
(2.2) Does your organization have a process for identifying, assessing, and managing environmental dependencies and/or impacts?.....	11
(2.2.1) Does your organization have a process for identifying, assessing, and managing environmental risks and/or opportunities?	12
(2.2.2) Provide details of your organization’s process for identifying, assessing, and managing environmental dependencies, impacts, risks, and/or opportunities.....	12
(2.2.7) Are the interconnections between environmental dependencies, impacts, risks and/or opportunities assessed?	16
(2.4) How does your organization define substantive effects on your organization?	16
C3. Disclosure of risks and opportunities.....	18
(3.1) Have you identified any environmental risks which have had a substantive effect on your organization in the reporting year, or are anticipated to have a substantive effect on your organization in the future?.....	18
(3.1.1) Provide details of the environmental risks identified which have had a substantive effect on your organization in the reporting year, or are anticipated to have a substantive effect on your organization in the future.	18
(3.5) Are any of your operations or activities regulated by a carbon pricing system (i.e. ETS, Cap & Trade or Carbon Tax)?	24

(3.6) Have you identified any environmental opportunities which have had a substantive effect on your organization in the reporting year, or are anticipated to have a substantive effect on your organization in the future?	24
(3.6.1) Provide details of the environmental opportunities identified which have had a substantive effect on your organization in the reporting year, or are anticipated to have a substantive effect on your organization in the future.	24

C4. Governance 30

(4.1) Does your organization have a board of directors or an equivalent governing body?	30
(4.1.1) Is there board-level oversight of environmental issues within your organization?	30
(4.1.2) Identify the positions (do not include any names) of the individuals or committees on the board with accountability for environmental issues and provide details of the board’s oversight of environmental issues.....	31
(4.2) Does your organization’s board have competency on environmental issues?	32
(4.3) Is there management-level responsibility for environmental issues within your organization?.....	33
(4.3.1) Provide the highest senior management-level positions or committees with responsibility for environmental issues (do not include the names of individuals).....	33
(4.5) Do you provide monetary incentives for the management of environmental issues, including the attainment of targets?	34
(4.6) Does your organization have an environmental policy that addresses environmental issues?	35
(4.6.1) Provide details of your environmental policies.	35
(4.10) Are you a signatory or member of any environmental collaborative frameworks or initiatives?	36
(4.11) In the reporting year, did your organization engage in activities that could directly or indirectly influence policy, law, or regulation that may (positively or negatively) impact the environment?	37
(4.12) Have you published information about your organization’s response to environmental issues for this reporting year in places other than your CDP response?	37
(4.12.1) Provide details on the information published about your organization’s response to environmental issues for this reporting year in places other than your CDP response. Please attach the publication.	38

C5. Business strategy 40

(5.1) Does your organization use scenario analysis to identify environmental outcomes?	40
(5.1.1) Provide details of the scenarios used in your organization’s scenario analysis.	40
(5.1.2) Provide details of the outcomes of your organization’s scenario analysis.....	41
(5.3) Have environmental risks and opportunities affected your strategy and/or financial planning?.....	42
(5.3.1) Describe where and how environmental risks and opportunities have affected your strategy.....	42
(5.3.2) Describe where and how environmental risks and opportunities have affected your financial planning.	44

(5.4) In your organization’s financial accounting, do you identify spending/revenue that is aligned with your organization’s climate transition?.....	44
(5.10) Does your organization use an internal price on environmental externalities?.....	45
(5.11) Do you engage with your value chain on environmental issues?	45
(5.11.9) Provide details of any environmental engagement activity with other stakeholders in the value chain.....	46
C6. Environmental Performance - Consolidation Approach	47
(6.1) Provide details on your chosen consolidation approach for the calculation of environmental performance data.....	47
C7. Environmental performance - Climate Change.....	48
(7.1) Is this your first year of reporting emissions data to CDP?.....	48
(7.1.1) Has your organization undergone any structural changes in the reporting year, or are any previous structural changes being accounted for in this disclosure of emissions data?.....	48
(7.1.2) Has your emissions accounting methodology, boundary, and/or reporting year definition changed in the reporting year?	48
(7.1.3) Have your organization’s base year emissions and past years’ emissions been recalculated as a result of any changes or errors reported in 7.1.1 and/or 7.1.2?.....	49
(7.2) Select the name of the standard, protocol, or methodology you have used to collect activity data and calculate emissions.....	50
(7.3) Describe your organization’s approach to reporting Scope 2 emissions.....	50
(7.5) Provide your base year and base year emissions.....	51
(7.6) What were your organization’s gross global Scope 1 emissions in metric tons CO2e?	55
(7.7) What were your organization’s gross global Scope 2 emissions in metric tons CO2e?	55
(7.8) Account for your organization’s gross global Scope 3 emissions, disclosing and explaining any exclusions.....	55
(7.9) Indicate the verification/assurance status that applies to your reported emissions.....	60
(7.9.1) Provide further details of the verification/assurance undertaken for your Scope 1 emissions, and attach the relevant statements.....	61
(7.9.2) Provide further details of the verification/assurance undertaken for your Scope 2 emissions and attach the relevant statements.....	62
(7.10) How do your gross global emissions (Scope 1 and 2 combined) for the reporting year compare to those of the previous reporting year?.....	63
(7.10.1) Identify the reasons for any change in your gross global emissions (Scope 1 and 2 combined), and for each of them specify how your emissions compare to the previous year.....	63
(7.12) Are carbon dioxide emissions from biogenic carbon relevant to your organization?.....	64
(7.12.1) Provide the emissions from biogenic carbon relevant to your organization in metric tons CO2.....	64
(7.15) Does your organization break down its Scope 1 emissions by greenhouse gas type?.....	65

(7.15.1) Break down your total gross global Scope 1 emissions by greenhouse gas type and provide the source of each used global warming potential (GWP).....	65
(7.16) Break down your total gross global Scope 1 and 2 emissions by country/area.	66
(7.17) Indicate which gross global Scope 1 emissions breakdowns you are able to provide.	67
(7.17.3) Break down your total gross global Scope 1 emissions by business activity.	67
(7.20) Indicate which gross global Scope 2 emissions breakdowns you are able to provide.	67
(7.20.3) Break down your total gross global Scope 2 emissions by business activity.	68
(7.22) Break down your gross Scope 1 and Scope 2 emissions between your consolidated accounting group and other entities included in your response.	68
(7.23) Is your organization able to break down your emissions data for any of the subsidiaries included in your CDP response?.....	68
(7.27) What are the challenges in allocating emissions to different customers, and what would help you to overcome these challenges?.....	68
(7.28) Do you plan to develop your capabilities to allocate emissions to your customers in the future?	69
(7.29) What percentage of your total operational spend in the reporting year was on energy?	69
(7.30) Select which energy-related activities your organization has undertaken.	69
(7.30.1) Report your organization’s energy consumption totals (excluding feedstocks) in MWh.....	70
(7.45) Describe your gross global combined Scope 1 and 2 emissions for the reporting year in metric tons CO2e per unit currency total revenue and provide any additional intensity metrics that are appropriate to your business operations.	70
(7.52) Provide any additional climate-related metrics relevant to your business.....	73
(7.53) Did you have an emissions target that was active in the reporting year?	74
(7.53.1) Provide details of your absolute emissions targets and progress made against those targets.	74
(7.54) Did you have any other climate-related targets that were active in the reporting year?.....	80
(7.55) Did you have emissions reduction initiatives that were active within the reporting year? Note that this can include those in the planning and/or implementation phases.	80
(7.73) Are you providing product level data for your organization’s goods or services?.....	80
(7.74) Do you classify any of your existing goods and/or services as low-carbon products?	80
(7.74.1) Provide details of your products and/or services that you classify as low-carbon products.	81
(7.79) Has your organization retired any project-based carbon credits within the reporting year?.....	82

C1. Introduction

(1.1) In which language are you submitting your response?

Select from:

English

(1.2) Select the currency used for all financial information disclosed throughout your response.

Select from:

USD

(1.3) Provide an overview and introduction to your organization.

(1.3.2) Organization type

Select from:

Publicly traded organization

(1.3.3) Description of organization

Founded in 1975 with a single truck, Casella Waste Systems, Inc. is a regional, vertically integrated solid waste services company. We provide resource management expertise and services to residential, commercial, municipal and industrial customers, primarily in the areas of solid waste collection and disposal, transfer, recycling and organics services. We provide integrated solid waste services throughout the Northeastern and Mid-Atlantic regions of the U.S., with our headquarters located in Rutland, Vermont. As of January 31, 2024, we owned and/or operated 71 solid waste collection operations, 71 transfer stations, 28 recycling facilities, eight Subtitle D landfills, three landfill gas-to-energy facilities and one landfill permitted to accept construction and demolition ("C&D") materials. In addition to these operations, Casella services customers throughout the United States. Greenhouse Gas Emissions Inventory: In 2024, Casella's Scope 1 and 2 GHG emissions were calculated to be 769,321 metric tons CO₂e. Of this total, modeled fugitive landfill emissions accounted for 78.3%, fleet fuel accounted for 19.9%, and facility heating and electricity accounted for 1.8%. Climate Leadership: Casella was the only waste and recycling company among the charter members of the U.S. Environmental Protection Agency (EPA) Climate Leaders program. Under that program, the company began voluntarily measuring and disclosing its company-wide greenhouse gas emissions well before mandated. From 2005 to 2010, we reduced our total Scope 1 and 2 greenhouse gas emissions by 45%, exceeding our first reduction target. In January 2012, Casella was recognized by the EPA, the Association of Climate Change Officers (ACCO), the Center for Climate and Energy Solutions (C2ES), and The Climate Registry (TCR) with a Climate Leadership Award for Excellence in GHG Management. Net Climate Benefit: For every ton of GHG we generate managing

our customers' and communities' waste and recyclables, we estimate that more than 5 tons of carbon are eliminated elsewhere in the economy through recycling, energy production, and carbon sequestration activities. We calculate this Net Climate Benefit Factor using EPA factors and tools. Specifically, the calculation adds the emission benefits of our recycling, renewable energy, and sequestration activities and then divides this number by our total Scope 1 and 2 emissions. GHG strategy: Building upon the 45% reduction we already achieved from 2005 to 2010, we have updated our total Scope 1 and 2 greenhouse gas target. Previously set to reduce our total Scope 1 and 2 greenhouse gas emissions 40% below a 2010 baseline, we are now targeting to reduce our total Scope 1 and 2 greenhouse gas emissions to 12% below 2022 levels by 2030. This represents a change in our baseline year due to recent acquisitions. We will aim to achieve this through further investments in landfill gas infrastructure and fleet efficiency programs. An important element of our growth strategy includes growing the sustainable materials management services that our customers demand; this reduces carbon emissions elsewhere in the economy. We established a target to increase our Net Climate Benefit Factor from an estimated 3x in 2019 to 5x by 2030. We achieved this goal in 2023. More information about Casella's climate and sustainability strategies, including our 2030 sustainability goals, can be found at www.casella.com/sustainability
[Fixed row]

(1.4) State the end date of the year for which you are reporting data. For emissions data, indicate whether you will be providing emissions data for past reporting years.

(1.4.1) End date of reporting year

12/31/2024

(1.4.2) Alignment of this reporting period with your financial reporting period

Select from:

Yes

(1.4.3) Indicate if you are providing emissions data for past reporting years

Select from:

Yes

(1.4.4) Number of past reporting years you will be providing Scope 1 emissions data for

Select from:

2 years

(1.4.5) Number of past reporting years you will be providing Scope 2 emissions data for

Select from:

2 years

(1.4.6) Number of past reporting years you will be providing Scope 3 emissions data for

Select from:

1 year

[Fixed row]

(1.4.1) What is your organization's annual revenue for the reporting period?

1557300000

(1.5) Provide details on your reporting boundary.

	Is your reporting boundary for your CDP disclosure the same as that used in your financial statements?
	Select from: <input checked="" type="checkbox"/> Yes

[Fixed row]

(1.6) Does your organization have an ISIN code or another unique identifier (e.g., Ticker, CUSIP, etc.)?

	Does your organization use this unique identifier?	Provide your unique identifier
Ticker symbol	Select from: <input checked="" type="checkbox"/> Yes	CWST
D-U-N-S number	Select from: <input checked="" type="checkbox"/> Yes	949139281

[Add row]

(1.7) Select the countries/areas in which you operate.

Select all that apply

United States of America

(1.24) Has your organization mapped its value chain?

	Value chain mapped
	Select from: <input checked="" type="checkbox"/> No, and we do not plan to do so within the next two years

[Fixed row]

(1.24.1) Have you mapped where in your direct operations or elsewhere in your value chain plastics are produced, commercialized, used, and/or disposed of?

Plastics mapping

Select from:

No, and we do not plan to within the next two years

[Fixed row]

C2. Identification, assessment, and management of dependencies, impacts, risks, and opportunities

(2.1) How does your organization define short-, medium-, and long-term time horizons in relation to the identification, assessment, and management of your environmental dependencies, impacts, risks, and opportunities?

Short-term

(2.1.1) From (years)

0

(2.1.3) To (years)

5

(2.1.4) How this time horizon is linked to strategic and/or financial planning

This aligns with our annual budgeting, enterprise risk management, and strategic planning timelines.

Medium-term

(2.1.1) From (years)

5

(2.1.3) To (years)

10

(2.1.4) How this time horizon is linked to strategic and/or financial planning

This aligns with our strategic planning timelines, capital investment decisions related to fleet vehicles, and sustainability target periods.

Long-term

(2.1.1) From (years)

10

(2.1.2) Is your long-term time horizon open ended?

Select from:

No

(2.1.3) To (years)

30

(2.1.4) How this time horizon is linked to strategic and/or financial planning

This aligns with our capital investment decisions related to large infrastructure such as material recovery facilities and landfills.

[Fixed row]

(2.2) Does your organization have a process for identifying, assessing, and managing environmental dependencies and/or impacts?

	Process in place	Dependencies and/or impacts evaluated in this process
	Select from: <input checked="" type="checkbox"/> Yes	Select from: <input checked="" type="checkbox"/> Both dependencies and impacts

[Fixed row]

(2.2.1) Does your organization have a process for identifying, assessing, and managing environmental risks and/or opportunities?

	Process in place	Risks and/or opportunities evaluated in this process	Is this process informed by the dependencies and/or impacts process?
	Select from: <input checked="" type="checkbox"/> Yes	Select from: <input checked="" type="checkbox"/> Both risks and opportunities	Select from: <input checked="" type="checkbox"/> Yes

[Fixed row]

(2.2.2) Provide details of your organization's process for identifying, assessing, and managing environmental dependencies, impacts, risks, and/or opportunities.

Row 1

(2.2.2.1) Environmental issue

- Select all that apply
- Climate change

(2.2.2.2) Indicate which of dependencies, impacts, risks, and opportunities are covered by the process for this environmental issue

- Select all that apply
- Dependencies
 - Impacts
 - Risks
 - Opportunities

(2.2.2.3) Value chain stages covered

Select all that apply

- Direct operations
- End of life management

(2.2.2.4) Coverage

Select from:

- Full

(2.2.2.7) Type of assessment

Select from:

- Qualitative and quantitative

(2.2.2.8) Frequency of assessment

Select from:

- Not defined

(2.2.2.9) Time horizons covered

Select all that apply

- Short-term
- Medium-term
- Long-term

(2.2.2.10) Integration of risk management process

Select from:

- A specific environmental risk management process

(2.2.2.11) Location-specificity used

Select all that apply

- Sub-national
- National

(2.2.2.12) Tools and methods used

Enterprise Risk Management

- Internal company methods

Other

- External consultants
- Materiality assessment
- Scenario analysis

(2.2.2.13) Risk types and criteria considered

Acute physical

- Flood (coastal, fluvial, pluvial, ground water)
- Heat waves
- Heavy precipitation (rain, hail, snow/ice)

Chronic physical

- Changing precipitation patterns and types (rain, hail, snow/ice)
- Increased severity of extreme weather events

Policy

- Carbon pricing mechanisms
- Increased difficulty in obtaining operations permits
- Poor coordination between regulatory bodies

Market

- Availability and/or increased cost of raw materials
- Changing customer behavior

Reputation

- Negative press coverage related to support of projects or activities with negative impacts on the environment (e.g. GHG emissions, deforestation & conversion, water stress)

Technology

- Transition to lower emissions technology and products

(2.2.2.14) Partners and stakeholders considered

Select all that apply

- Customers
- Local communities
- Employees
- Investors
- Suppliers
- Regulators

(2.2.2.15) Has this process changed since the previous reporting year?

Select from:

- No

(2.2.2.16) Further details of process

Casella has in place an enterprise risk management (ERM) process that involves systematic risk identification covering the categories of strategic, financial, operational, and compliance risk. The goal is to identify and assess risks; assign, mitigate and monitor risks; and report the status of our risks to the Board of Directors and its committees on a quarterly and annual basis. A climate scenarios analysis, conducted in 2023, complemented the ERM process by engaging senior leaders from multiple departments to explore risks and opportunities related to three climate-related scenarios for 2050. The three scenarios were Net Zero 2050, Delayed Transition, and Current Policies.

[Add row]

(2.2.7) Are the interconnections between environmental dependencies, impacts, risks and/or opportunities assessed?

(2.2.7.1) Interconnections between environmental dependencies, impacts, risks and/or opportunities assessed

Select from:

Yes

(2.2.7.2) Description of how interconnections are assessed

Employees who participated in the climate scenarios analysis process -- including senior management and members of our operating, financial, and legal teams -- are also engaged in our enterprise risk management process.

[Fixed row]

(2.4) How does your organization define substantive effects on your organization?

	Type of definition	Metrics considered in definition	Application of definition
Risks	<i>Select all that apply</i> <input checked="" type="checkbox"/> Qualitative	<i>Select all that apply</i> <input checked="" type="checkbox"/> Frequency of effect occurring <input checked="" type="checkbox"/> Time horizon over which the effect occurs <input checked="" type="checkbox"/> Likelihood of effect occurring	<i>The company monitors and considers climate risks in terms of regulatory, reputational, and physical climate factors.</i>

	Type of definition	Metrics considered in definition	Application of definition
Opportunities	<i>Select all that apply</i> <input checked="" type="checkbox"/> Qualitative	<i>Select all that apply</i> <input checked="" type="checkbox"/> Frequency of effect occurring <input checked="" type="checkbox"/> Time horizon over which the effect occurs <input checked="" type="checkbox"/> Likelihood of effect occurring	<i>The company monitors and considers climate opportunities in terms of regulatory, reputational, and physical climate factors.</i>

[Add row]

C3. Disclosure of risks and opportunities

(3.1) Have you identified any environmental risks which have had a substantive effect on your organization in the reporting year, or are anticipated to have a substantive effect on your organization in the future?

	Environmental risks identified
Climate change	<i>Select from:</i> <input checked="" type="checkbox"/> Yes, both in direct operations and upstream/downstream value chain

[Fixed row]

(3.1.1) Provide details of the environmental risks identified which have had a substantive effect on your organization in the reporting year, or are anticipated to have a substantive effect on your organization in the future.

Climate change

(3.1.1.1) Risk identifier

Select from:

Risk1

(3.1.1.3) Risk types and primary environmental risk driver

Policy

Changes to regulation of existing products and services

(3.1.1.4) Value chain stage where the risk occurs

Select from:

- Direct operations

(3.1.1.6) Country/area where the risk occurs

Select all that apply

- United States of America

(3.1.1.9) Organization-specific description of risk

Our business could be impacted by a wide variety of climate-related environmental laws or regulations. These might take the form of regulations requiring our facilities to meet emission reduction targets, mandates to use prescribed technologies, or carbon taxes on non-renewable sources of energy. One example is the Massachusetts requirement - during the MEPA environmental review process for major development projects - to quantify GHG emissions and identify measures to avoid, minimize, and mitigate such emissions.

(3.1.1.11) Primary financial effect of the risk

Select from:

- Delays in securing operating licenses

(3.1.1.12) Time horizon over which the risk is anticipated to have a substantive effect on the organization

Select all that apply

- Short-term
- Medium-term

(3.1.1.13) Likelihood of the risk having an effect within the anticipated time horizon

Select from:

- Likely

(3.1.1.14) Magnitude

Select from:

Medium-high

(3.1.1.17) Are you able to quantify the financial effect of the risk?

Select from:

No

(3.1.1.29) Description of response

We manage this regulatory risk by proactively identifying and evaluating carbon-reducing and renewable energy technologies and voluntarily deploying them when feasible, in partnership with qualified developers. We seek opportunities within engineering designs and environmental programs to incorporate appropriate mitigation measures, energy reduction strategies, or emission controls.

Climate change

(3.1.1.1) Risk identifier

Select from:

Risk2

(3.1.1.3) Risk types and primary environmental risk driver

Reputation

Increased partner and stakeholder concern or negative partner and stakeholder feedback

(3.1.1.4) Value chain stage where the risk occurs

Select from:

Upstream value chain

(3.1.1.6) Country/area where the risk occurs

Select all that apply

- United States of America

(3.1.1.9) Organization-specific description of risk

Our business success relies upon the goodwill and trust of our customers, communities, and other stakeholders. Reduced stakeholder confidence in our ability and commitment to protect the environment could reduce demand for our products and services or prevent us from renewing or securing facility permits. We believe that climate is an increasingly important consideration of our stakeholders in the Northeastern and Mid-Atlantic U.S., as well as our national accounts customers across the country. We anticipate that a growing number of customers may begin selecting competing services with better climate impacts (actual or perceived).

(3.1.1.11) Primary financial effect of the risk

Select from:

- Decreased revenues due to reduced demand for products and services

(3.1.1.12) Time horizon over which the risk is anticipated to have a substantive effect on the organization

Select all that apply

- Short-term
- Medium-term

(3.1.1.13) Likelihood of the risk having an effect within the anticipated time horizon

Select from:

- Likely

(3.1.1.14) Magnitude

Select from:

- Medium-high

(3.1.1.17) Are you able to quantify the financial effect of the risk?

Select from:

No

(3.1.1.29) Description of response

We manage this risk by measuring and reporting our emissions, investing in design and operating best practices (beyond regulatory requirements) to minimize emissions and maximize reductions, modernizing our fleet to reduce the carbon-intensity of our operations, and effectively communicating these measures with key stakeholder groups.

Climate change

(3.1.1.1) Risk identifier

Select from:

Risk3

(3.1.1.3) Risk types and primary environmental risk driver

Chronic physical

Changing precipitation patterns and types (rain, hail, snow/ice)

(3.1.1.4) Value chain stage where the risk occurs

Select from:

Direct operations

(3.1.1.6) Country/area where the risk occurs

Select all that apply

United States of America

(3.1.1.9) Organization-specific description of risk

Our field operations are influenced by climate factors such as the size and frequency of rain events and the timing and frequency of freeze/thaw cycles. Shifts in these factors can result in engineering requirements for larger stormwater management systems, longer and more intense periods of wet season maintenance at landfills, and additional restrictions to seasonal construction.

(3.1.1.11) Primary financial effect of the risk

Select from:

- Increased indirect [operating] costs

(3.1.1.12) Time horizon over which the risk is anticipated to have a substantive effect on the organization

Select all that apply

- Short-term

(3.1.1.13) Likelihood of the risk having an effect within the anticipated time horizon

Select from:

- Likely

(3.1.1.14) Magnitude

Select from:

- Medium

(3.1.1.17) Are you able to quantify the financial effect of the risk?

Select from:

- No

(3.1.1.29) Description of response

Our response to this risk is shaped by regulatory input and engineering best practices, and may include measures such as updating our facility designs and construction schedules to address potential impacts from climate factors, and reflecting these changes in our cost models and pricing.

[Add row]

(3.5) Are any of your operations or activities regulated by a carbon pricing system (i.e. ETS, Cap & Trade or Carbon Tax)?

Select from:

No, and we do not anticipate being regulated in the next three years

(3.6) Have you identified any environmental opportunities which have had a substantive effect on your organization in the reporting year, or are anticipated to have a substantive effect on your organization in the future?

	Environmental opportunities identified
Climate change	Select from: <input checked="" type="checkbox"/> Yes, we have identified opportunities, and some/all are being realized

[Fixed row]

(3.6.1) Provide details of the environmental opportunities identified which have had a substantive effect on your organization in the reporting year, or are anticipated to have a substantive effect on your organization in the future.

Climate change

(3.6.1.1) Opportunity identifier

Select from:

Opp1

(3.6.1.3) Opportunity type and primary environmental opportunity driver

Products and services

- Increased sales of existing products and services

(3.6.1.4) Value chain stage where the opportunity occurs

Select from:

- Upstream value chain

(3.6.1.5) Country/area where the opportunity occurs

Select all that apply

- United States of America

(3.6.1.8) Organization specific description

An increased focus on meeting carbon and sustainability goals could increase demand for our Resource Solutions (recycling, organics, reuse, waste reduction) services and our renewable energy production, including associated environmental attributes (RECs, RINs, and/or carbon credits).

(3.6.1.9) Primary financial effect of the opportunity

Select from:

- Increased revenues resulting from increased demand for products and services

(3.6.1.10) Time horizon over which the opportunity is anticipated to have a substantive effect on the organization

Select all that apply

- Short-term
- Medium-term

(3.6.1.11) Likelihood of the opportunity having an effect within the anticipated time horizon

Select from:

- Likely (66–100%)

(3.6.1.12) Magnitude

Select from:

Medium

(3.6.1.26) Strategy to realize opportunity

Driven by customer demand, we aim to grow our Resource Solutions lines of business - including recycling, organics, and customer solutions activities - with a goal to be recovering 2 million tons per year by 2030. We also aim to increase our renewable energy production, with a goal of doubling the Megawatt-hours we deliver to the grid, above our 2020 baseline, by 2030.

Climate change

(3.6.1.1) Opportunity identifier

Select from:

Opp2

(3.6.1.3) Opportunity type and primary environmental opportunity driver

Products and services

Shift in consumer preferences

(3.6.1.4) Value chain stage where the opportunity occurs

Select from:

Downstream value chain

(3.6.1.5) Country/area where the opportunity occurs

Select all that apply

United States of America

(3.6.1.8) Organization specific description

A combination of carbon legislation and circular economy goals could increase demand for recycled commodities and increase recycled commodity pricing.

(3.6.1.9) Primary financial effect of the opportunity

Select from:

- Increased revenues resulting from increased demand for products and services

(3.6.1.10) Time horizon over which the opportunity is anticipated to have a substantive effect on the organization

Select all that apply

- Short-term
- Medium-term

(3.6.1.11) Likelihood of the opportunity having an effect within the anticipated time horizon

Select from:

- About as likely as not (33–66%)

(3.6.1.12) Magnitude

Select from:

- Medium-low

(3.6.1.26) Strategy to realize opportunity

We invest in infrastructure and process changes to improve the quality and value of our outbound recycled commodities. We invest time and resources in education around the carbon benefit and circular economy benefits of recycling. We advocate – directly and via trade organizations – for the strengthening of recycling markets through policy mechanisms such as minimum recycled content requirements.

Climate change

(3.6.1.1) Opportunity identifier

Select from:

- Opp3

(3.6.1.3) Opportunity type and primary environmental opportunity driver

Products and services

- Development of new products or services through R&D and innovation

(3.6.1.4) Value chain stage where the opportunity occurs

Select from:

- Upstream value chain

(3.6.1.5) Country/area where the opportunity occurs

Select all that apply

- United States of America

(3.6.1.8) Organization specific description

Casella is in the business of protecting public health and the environment, and our services are needed following extreme weather events. As the strength and severity of storm events increases, we anticipate increased demand for our cleanup and disposal services. Our responsibility is to plan and prepare in ways that will minimize storm-related disruption to our business so we can promptly and safely attend to the needs of our communities and customers.

(3.6.1.9) Primary financial effect of the opportunity

Select from:

- Increased revenues resulting from increased demand for products and services

(3.6.1.10) Time horizon over which the opportunity is anticipated to have a substantive effect on the organization

Select all that apply

- Short-term

(3.6.1.11) Likelihood of the opportunity having an effect within the anticipated time horizon

Select from:

Very likely (90–100%)

(3.6.1.12) Magnitude

Select from:

Medium-low

(3.6.1.26) Strategy to realize opportunity

To ensure that we can continue to meet the service needs of our customers and communities during major storm events, our facilities maintain priority response plans and natural disaster guidance in their Operations and Maintenance plans. This includes planning for rapid deployment of workers and equipment to affected areas as well as operational, communication, and safety best practices.

[Add row]

C4. Governance

(4.1) Does your organization have a board of directors or an equivalent governing body?

(4.1.1) Board of directors or equivalent governing body

Select from:

Yes

(4.1.2) Frequency with which the board or equivalent meets

Select from:

Quarterly

(4.1.3) Types of directors your board or equivalent is comprised of

Select all that apply

Executive directors or equivalent

Independent non-executive directors or equivalent

[Fixed row]

(4.1.1) Is there board-level oversight of environmental issues within your organization?

	Board-level oversight of this environmental issue
Climate change	Select from:

	Board-level oversight of this environmental issue
	<input checked="" type="checkbox"/> Yes

[Fixed row]

(4.1.2) Identify the positions (do not include any names) of the individuals or committees on the board with accountability for environmental issues and provide details of the board’s oversight of environmental issues.

Climate change

(4.1.2.1) Positions of individuals or committees with accountability for this environmental issue

Select all that apply

- Chief Executive Officer (CEO)
- Board-level committee

(4.1.2.2) Positions’ accountability for this environmental issue is outlined in policies applicable to the board

Select from:

- Yes

(4.1.2.3) Policies which outline the positions’ accountability for this environmental issue

Select all that apply

- Other policy applicable to the board, please specify :Nominating and ESG Committee Charter and Audit Committee Charter

(4.1.2.4) Frequency with which this environmental issue is a scheduled agenda item

Select from:

- Scheduled agenda item in some board meetings – at least annually

(4.1.2.5) Governance mechanisms into which this environmental issue is integrated

Select all that apply

- Reviewing and guiding the assessment process for dependencies, impacts, risks, and opportunities
- Overseeing the setting of corporate targets
- Monitoring progress towards corporate targets
- Monitoring the implementation of the business strategy

(4.1.2.7) Please explain

Climate-related issues are discussed at least annually in the scheduled annual review of our ESG performance and our progress toward our 2030 sustainability goals. Climate-related issues are discussed during annual sustainability updates to the Nominating and ESG Committee. Climate related issues may also arise during quarterly ERM updates to the Board Audit Committee and annual ERM updates to the full Board.

[Fixed row]

(4.2) Does your organization's board have competency on environmental issues?

Climate change

(4.2.1) Board-level competency on this environmental issue

Select from:

- Yes

(4.2.2) Mechanisms to maintain an environmentally competent board

Select all that apply

- Having at least one board member with expertise on this environmental issue

(4.2.3) Environmental expertise of the board member

Experience

- Executive-level experience in a role focused on environmental issues
- Management-level experience in a role focused on environmental issues

[Fixed row]

(4.3) Is there management-level responsibility for environmental issues within your organization?

	Management-level responsibility for this environmental issue
Climate change	Select from: <input checked="" type="checkbox"/> Yes

[Fixed row]

(4.3.1) Provide the highest senior management-level positions or committees with responsibility for environmental issues (do not include the names of individuals).

Climate change

(4.3.1.1) Position of individual or committee with responsibility

Executive level

- Chief Executive Officer (CEO)

(4.3.1.2) Environmental responsibilities of this position

Policies, commitments, and targets

- Monitoring compliance with corporate environmental policies and/or commitments
- Measuring progress towards environmental corporate targets

Strategy and financial planning

- Developing a business strategy which considers environmental issues
- Implementing the business strategy related to environmental issues

(4.3.1.4) Reporting line

Select from:

- Reports to the board directly

(4.3.1.5) Frequency of reporting to the board on environmental issues

Select from:

- As important matters arise

(4.3.1.6) Please explain

Climate-related issues are discussed at least annually in the scheduled annual review of our ESG performance and our progress toward our 2030 sustainability goals. Climate-related issues are discussed during annual sustainability updates to the Nominating and ESG Committee. Climate related issues may also arise during quarterly ERM updates to the Board Audit Committee and annual ERM updates to the full Board.

[Add row]

(4.5) Do you provide monetary incentives for the management of environmental issues, including the attainment of targets?

Climate change

(4.5.1) Provision of monetary incentives related to this environmental issue

Select from:

Yes

(4.5.3) Please explain

Casella employees in various roles are eligible for monetary and/or non-monetary incentives relating to operational efficiency, environmental compliance, and the growth of our emission-reducing lines of business.

[Fixed row]

(4.6) Does your organization have an environmental policy that addresses environmental issues?

	Does your organization have any environmental policies?
	Select from: <input checked="" type="checkbox"/> Yes

[Fixed row]

(4.6.1) Provide details of your environmental policies.

Row 1

(4.6.1.1) Environmental issues covered

Select all that apply

Climate change

(4.6.1.2) Level of coverage

Select from:

- Organization-wide

(4.6.1.3) Value chain stages covered

Select all that apply

- Direct operations

(4.6.1.5) Environmental policy content

Environmental commitments

- Commitment to comply with regulations and mandatory standards
- Commitment to take environmental action beyond regulatory compliance
- Commitment to stakeholder engagement and capacity building on environmental issues

(4.6.1.7) Public availability

Select from:

- Publicly available

(4.6.1.8) Attach the policy

Environmental Policy.pdf

[Add row]

(4.10) Are you a signatory or member of any environmental collaborative frameworks or initiatives?

	<p>Are you a signatory or member of any environmental collaborative frameworks or initiatives?</p>
	<p>Select from:</p> <p><input checked="" type="checkbox"/> No, and we do not plan to within the next two years</p>

[Fixed row]

(4.11) In the reporting year, did your organization engage in activities that could directly or indirectly influence policy, law, or regulation that may (positively or negatively) impact the environment?

	<p>External engagement activities that could directly or indirectly influence policy, law, or regulation that may impact the environment</p>
	<p>Select all that apply</p> <p><input checked="" type="checkbox"/> Yes, we engaged directly with policy makers</p> <p><input checked="" type="checkbox"/> Yes, we engaged indirectly through, and/or provided financial or in-kind support to a trade association or other intermediary organization or individual whose activities could influence policy, law, or regulation</p>

[Fixed row]

(4.12) Have you published information about your organization's response to environmental issues for this reporting year in places other than your CDP response?

Select from:

Yes

(4.12.1) Provide details on the information published about your organization's response to environmental issues for this reporting year in places other than your CDP response. Please attach the publication.

Row 1

(4.12.1.1) Publication

Select from:

- In mainstream reports, in line with environmental disclosure standards or frameworks

(4.12.1.2) Standard or framework the report is in line with

Select all that apply

- GRI
- IFRS

(4.12.1.3) Environmental issues covered in publication

Select all that apply

- Climate change

(4.12.1.4) Status of the publication

Select from:

- Complete

(4.12.1.5) Content elements

Select all that apply

- Governance
- Strategy
- Emissions figures

Emission targets

[Add row]

C5. Business strategy

(5.1) Does your organization use scenario analysis to identify environmental outcomes?

Climate change

(5.1.1) Use of scenario analysis

Select from:

Yes

(5.1.2) Frequency of analysis

Select from:

First time carrying out analysis

[Fixed row]

(5.1.1) Provide details of the scenarios used in your organization's scenario analysis.

Climate change

(5.1.1.1) Scenario used

Climate transition scenarios

NGFS scenarios framework, please specify :Current Policies, Net Zero 2050, Delayed Transition

(5.1.1.3) Approach to scenario

Select from:

- Qualitative and quantitative

(5.1.1.4) Scenario coverage

Select from:

- Organization-wide

(5.1.1.5) Risk types considered in scenario

Select all that apply

- Acute physical
- Chronic physical
- Policy
- Market

[Add row]

(5.1.2) Provide details of the outcomes of your organization's scenario analysis.

Climate change

(5.1.2.1) Business processes influenced by your analysis of the reported scenarios

Select all that apply

- Risk and opportunities identification, assessment and management
- Strategy and financial planning

(5.1.2.2) Coverage of analysis

Select from:

- Organization-wide

(5.1.2.3) Summarize the outcomes of the scenario analysis and any implications for other environmental issues

The scenario analysis solidified our understanding that building climate resilience means investing in capacity for change. We become more resilient when we invest in our people, equipment, facilities, and technology, and when we prioritize innovation, proactive communication, and community engagement.
[Fixed row]

(5.3) Have environmental risks and opportunities affected your strategy and/or financial planning?

(5.3.1) Environmental risks and/or opportunities have affected your strategy and/or financial planning

Select from:

Yes, both strategy and financial planning

(5.3.2) Business areas where environmental risks and/or opportunities have affected your strategy

Select all that apply

Products and services

Upstream/downstream value chain

Operations

[Fixed row]

(5.3.1) Describe where and how environmental risks and opportunities have affected your strategy.

Products and services

(5.3.1.1) Effect type

Select all that apply

Opportunities

(5.3.1.3) Describe how environmental risks and/or opportunities have affected your strategy in this area

Climate opportunities pertaining to products and services: Our understanding of these opportunities is reflected clearly in two of the strategic initiatives listed in our most recent annual report: 1) Creating incremental value through Resource Solutions, and 2) Sustainable Growth - driving profitable growth through an integrated resource solutions approach.

Upstream/downstream value chain

(5.3.1.1) Effect type

Select all that apply

Opportunities

(5.3.1.3) Describe how environmental risks and/or opportunities have affected your strategy in this area

Climate opportunities pertaining to our value chain: Customers and suppliers throughout our value chain are increasingly seeking to meet waste reduction, recycling, and/or recycled content goals, motivated by their climate and sustainability strategies. We view this as an opportunity that factors into our above-described strategic initiatives for Resource Solutions and Sustainable Growth.

Operations

(5.3.1.1) Effect type

Select all that apply

Risks

Opportunities

(5.3.1.2) Environmental issues relevant to the risks and/or opportunities that have affected your strategy in this area

Select all that apply

Climate change

(5.3.1.3) Describe how environmental risks and/or opportunities have affected your strategy in this area

Climate risks and opportunities pertaining to operations: Casella is in the business of protecting public health and the environment, and our services are needed following extreme weather events, which pose both risks to service continuity and opportunities to serve our communities. Our understanding of these risks and

opportunities is reflected in the strategic initiatives listed in our most recent annual report. In particular, our strategic focus on People, Technology, and Facilities can be viewed as investments in the resilience of our operations.

[Add row]

(5.3.2) Describe where and how environmental risks and opportunities have affected your financial planning.

Row 1

(5.3.2.1) Financial planning elements that have been affected

Select all that apply

Revenues

(5.3.2.2) Effect type

Select all that apply

Opportunities

(5.3.2.4) Describe how environmental risks and/or opportunities have affected these financial planning elements

We believe climate mitigation plays a role in driving our Resource Solutions business, which, in our most recent annual report, accounted for approximately 21% of our total revenue.

[Add row]

(5.4) In your organization's financial accounting, do you identify spending/revenue that is aligned with your organization's climate transition?

	Identification of spending/revenue that is aligned with your organization's climate transition
	<i>Select from:</i> <input checked="" type="checkbox"/> No, and we do not plan to in the next two years

[Fixed row]

(5.10) Does your organization use an internal price on environmental externalities?

	Use of internal pricing of environmental externalities
	<i>Select from:</i> <input checked="" type="checkbox"/> No, and we do not plan to in the next two years

[Fixed row]

(5.11) Do you engage with your value chain on environmental issues?

	Engaging with this stakeholder on environmental issues	Environmental issues covered
Customers	<i>Select from:</i> <input checked="" type="checkbox"/> Yes	<i>Select all that apply</i> <input checked="" type="checkbox"/> Climate change

[Fixed row]

(5.11.9) Provide details of any environmental engagement activity with other stakeholders in the value chain.

Climate change

(5.11.9.1) Type of stakeholder

Select from:

- Customers

(5.11.9.2) Type and details of engagement

Education/Information sharing

- Educate and work with stakeholders on understanding and measuring exposure to environmental risks
- Run an engagement campaign to educate stakeholders about the environmental impacts about your products, goods and/or services
- Share information on environmental initiatives, progress and achievements

Innovation and collaboration

- Align your organization's goals to support customers' targets and ambitions
- Run a campaign to encourage innovation to reduce environmental impacts

(5.11.9.5) Rationale for engaging these stakeholders and scope of engagement

We engage with customers around our waste reduction and recycling services, our recycled content commodities, and the advancement of customers' environmental goals. These conversations sometimes include discussion of potential benefits to our customers' Scope 3 emissions.

(5.11.9.6) Effect of engagement and measures of success

This engagement can help to increase recycling participation among our customers, which we understand to have a climate benefit.

[Add row]

C6. Environmental Performance - Consolidation Approach

(6.1) Provide details on your chosen consolidation approach for the calculation of environmental performance data.

Climate change

(6.1.1) Consolidation approach used

Select from:

Operational control

(6.1.2) Provide the rationale for the choice of consolidation approach

*We have always prepared our climate disclosures on an operational control basis, which best aligns with data availability and results in no material exclusions.
[Fixed row]*

C7. Environmental performance - Climate Change

(7.1) Is this your first year of reporting emissions data to CDP?

Select from:

No

(7.1.1) Has your organization undergone any structural changes in the reporting year, or are any previous structural changes being accounted for in this disclosure of emissions data?

(7.1.1.1) Has there been a structural change?

Select all that apply

Yes, an acquisition

(7.1.1.2) Name of organization(s) acquired, divested from, or merged with

For details on acquisition activity please review our Annual Report found on our investor relations page, <https://casellawastesystems.gcs-web.com/financial-information/annual-reports>

(7.1.1.3) Details of structural change(s), including completion dates

For details on acquisition activity please review our Annual Report found on our investor relations page, <https://casellawastesystems.gcs-web.com/financial-information/annual-reports>

[Fixed row]

(7.1.2) Has your emissions accounting methodology, boundary, and/or reporting year definition changed in the reporting year?

(7.1.2.1) Change(s) in methodology, boundary, and/or reporting year definition?

Select all that apply

- Yes, a change in methodology

(7.1.2.2) Details of methodology, boundary, and/or reporting year definition change(s)

We have aligned with our industry peers to adopt the SWICS (Solid Waste Industry for Climate Solutions) model for quantifying greenhouse gas emissions from landfills. As part of this modeling, we have deployed AR5 values for quantifying our greenhouse gas inventory in the 2024 reporting year. A small portion of our inventory, relating to fuel usage, is still calculated using AR4 values.

[Fixed row]

(7.1.3) Have your organization's base year emissions and past years' emissions been recalculated as a result of any changes or errors reported in 7.1.1 and/or 7.1.2?

(7.1.3.1) Base year recalculation

Select from:

- Yes

(7.1.3.2) Scope(s) recalculated

Select all that apply

- Scope 1
- Scope 2, location-based

(7.1.3.3) Base year emissions recalculation policy, including significance threshold

To accommodate effective base year emission recalculations, last year we shifted our base year from 2010 to our new base year of 2022, and updated our target accordingly. This year we revised our GHG data for the 2022 baseline year to integrate acquisitions completed in 2024 that met a pre-determined threshold.

(7.1.3.4) Past years' recalculation

Select from:

Yes

[Fixed row]

(7.2) Select the name of the standard, protocol, or methodology you have used to collect activity data and calculate emissions.

Select all that apply

- US EPA Emissions & Generation Resource Integrated Database (eGRID)
- The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (Revised Edition)
- US EPA Center for Corporate Climate Leadership: Indirect Emissions From Purchased Electricity
- US EPA Center for Corporate Climate Leadership: Direct Emissions from Mobile Combustion Sources
- US EPA Center for Corporate Climate Leadership: Direct Emissions from Stationary Combustion Sources
- Other, please specify :SWICS (Solid Waste Industry for Climate Solutions) model for quantifying greenhouse gas emissions from landfills

(7.3) Describe your organization's approach to reporting Scope 2 emissions.

	Scope 2, location-based	Scope 2, market-based	Comment
	Select from:	Select from:	Scope 2 accounts for a small fraction of our overall emissions. It has not yet been a priority to obtain supplier emission factors.

	Scope 2, location-based	Scope 2, market-based	Comment
	<input checked="" type="checkbox"/> We are reporting a Scope 2, location-based figure	<input checked="" type="checkbox"/> We have no operations where we are able to access electricity supplier emission factors or residual emissions factors and are unable to report a Scope 2, market-based figure	

[Fixed row]

(7.5) Provide your base year and base year emissions.

Scope 1

(7.5.1) Base year end

12/31/2022

(7.5.2) Base year emissions (metric tons CO2e)

681095

(7.5.3) Methodological details

2022 Scope 1 emissions have been restated to reflect the methodology change (SWICS), updated emissions factors from AR4 to AR5, and base year revisions relating to acquisitions.

Scope 2 (location-based)

(7.5.1) Base year end

12/31/2022

(7.5.2) Base year emissions (metric tons CO2e)

6354

(7.5.3) Methodological details

2022 Scope 2 emissions have been restated to reflect base year revisions relating to acquisitions.

Scope 3 category 1: Purchased goods and services

(7.5.1) Base year end

12/31/2022

(7.5.2) Base year emissions (metric tons CO2e)

103973

(7.5.3) Methodological details

2022 Scope 3 emissions have not been restated to reflect acquisitions.

Scope 3 category 2: Capital goods

(7.5.1) Base year end

12/31/2022

(7.5.2) Base year emissions (metric tons CO2e)

59882

(7.5.3) Methodological details

2022 Scope 3 emissions have not been restated to reflect acquisitions.

Scope 3 category 3: Fuel-and-energy-related activities (not included in Scope 1 or 2)

(7.5.1) Base year end

12/31/2022

(7.5.2) Base year emissions (metric tons CO2e)

27124

(7.5.3) Methodological details

2022 Scope 3 emissions have not been restated to reflect acquisitions.

Scope 3 category 4: Upstream transportation and distribution

(7.5.1) Base year end

12/31/2022

(7.5.2) Base year emissions (metric tons CO2e)

110325

(7.5.3) Methodological details

2022 Scope 3 emissions have not been restated to reflect acquisitions.

Scope 3 category 6: Business travel

(7.5.1) Base year end

12/31/2022

(7.5.2) Base year emissions (metric tons CO2e)

1076

(7.5.3) Methodological details

2022 Scope 3 emissions have not been restated to reflect acquisitions.

Scope 3 category 7: Employee commuting

(7.5.1) Base year end

12/31/2022

(7.5.2) Base year emissions (metric tons CO2e)

6290

(7.5.3) Methodological details

2022 Scope 3 emissions have not been restated to reflect acquisitions.

Scope 3 category 9: Downstream transportation and distribution

(7.5.1) Base year end

12/31/2022

(7.5.2) Base year emissions (metric tons CO2e)

14844

(7.5.3) Methodological details

2022 Scope 3 emissions have not been restated to reflect acquisitions.

[Fixed row]

(7.6) What were your organization's gross global Scope 1 emissions in metric tons CO2e?

	Gross global Scope 1 emissions (metric tons CO2e)	End date
Reporting year	762217	Date input [must be between [11/19/2015 - 11/19/2024]
Past year 1	648068	12/31/2023
Past year 2	681095	12/31/2022

[Fixed row]

(7.7) What were your organization's gross global Scope 2 emissions in metric tons CO2e?

	Gross global Scope 2, location-based emissions (metric tons CO2e)
Reporting year	7104
Past year 1	6797
Past year 2	6354

[Fixed row]

(7.8) Account for your organization's gross global Scope 3 emissions, disclosing and explaining any exclusions.

Purchased goods and services

(7.8.1) Evaluation status

Select from:

Relevant, calculated

(7.8.2) Emissions in reporting year (metric tons CO2e)

44972

(7.8.3) Emissions calculation methodology

Select all that apply

Hybrid method

Capital goods

(7.8.1) Evaluation status

Select from:

Relevant, calculated

(7.8.2) Emissions in reporting year (metric tons CO2e)

29233

(7.8.3) Emissions calculation methodology

Select all that apply

Hybrid method

Fuel-and-energy-related activities (not included in Scope 1 or 2)

(7.8.1) Evaluation status

Select from:

Relevant, calculated

(7.8.2) Emissions in reporting year (metric tons CO2e)

44628

(7.8.3) Emissions calculation methodology

Select all that apply

Average data method

Upstream transportation and distribution

(7.8.1) Evaluation status

Select from:

Relevant, calculated

(7.8.2) Emissions in reporting year (metric tons CO2e)

73333

(7.8.3) Emissions calculation methodology

Select all that apply

Spend-based method

Waste generated in operations

(7.8.1) Evaluation status

Select from:

Relevant, calculated

(7.8.2) Emissions in reporting year (metric tons CO2e)

0

Business travel

(7.8.1) Evaluation status

Select from:

Relevant, calculated

(7.8.2) Emissions in reporting year (metric tons CO2e)

532

(7.8.3) Emissions calculation methodology

Select all that apply

Spend-based method

Employee commuting

(7.8.1) Evaluation status

Select from:

Relevant, calculated

(7.8.2) Emissions in reporting year (metric tons CO2e)

6167

(7.8.3) Emissions calculation methodology

Select all that apply

- Average data method

Upstream leased assets

(7.8.1) Evaluation status

Select from:

- Not evaluated

Downstream transportation and distribution

(7.8.1) Evaluation status

Select from:

- Relevant, calculated

(7.8.2) Emissions in reporting year (metric tons CO₂e)

51615

(7.8.3) Emissions calculation methodology

Select all that apply

- Average data method

Processing of sold products

(7.8.1) Evaluation status

Select from:

Not evaluated

Use of sold products

(7.8.1) Evaluation status

Select from:

Relevant, calculated

(7.8.2) Emissions in reporting year (metric tons CO2e)

0

(7.8.3) Emissions calculation methodology

Select all that apply

Average data method

(7.8.5) Please explain

Casella captures landfill gas for use internally (captured in Scope 1) and to be delivered to 3rd party landfill gas to energy operators (not captured in Scope 1). CO2 emissions from the combustion of landfill gas are biogenic.

[Fixed row]

(7.9) Indicate the verification/assurance status that applies to your reported emissions.

	Verification/assurance status
Scope 1	Select from:

	Verification/assurance status
	<input checked="" type="checkbox"/> Third-party verification or assurance process in place
Scope 2 (location-based or market-based)	<i>Select from:</i> <input checked="" type="checkbox"/> Third-party verification or assurance process in place

[Fixed row]

(7.9.1) Provide further details of the verification/assurance undertaken for your Scope 1 emissions, and attach the relevant statements.

Row 1

(7.9.1.1) Verification or assurance cycle in place

Select from:

Annual process

(7.9.1.2) Status in the current reporting year

Select from:

Complete

(7.9.1.3) Type of verification or assurance

Select from:

Limited assurance

(7.9.1.4) Attach the statement

(7.9.1.6) Relevant standard

Select from:

ISO14064-3

(7.9.1.7) Proportion of reported emissions verified (%)

100

[Add row]

(7.9.2) Provide further details of the verification/assurance undertaken for your Scope 2 emissions and attach the relevant statements.

Row 1

(7.9.2.1) Scope 2 approach

Select from:

Scope 2 location-based

(7.9.2.2) Verification or assurance cycle in place

Select from:

Annual process

(7.9.2.3) Status in the current reporting year

Select from:

Complete

(7.9.2.4) Type of verification or assurance

Select from:

Limited assurance

(7.9.2.5) Attach the statement

2024 Independent Verification Declaration.pdf

(7.9.2.7) Relevant standard

Select from:

ISO14064-3

(7.9.2.8) Proportion of reported emissions verified (%)

100

[Add row]

(7.10) How do your gross global emissions (Scope 1 and 2 combined) for the reporting year compare to those of the previous reporting year?

Select from:

Increased

(7.10.1) Identify the reasons for any change in your gross global emissions (Scope 1 and 2 combined), and for each of them specify how your emissions compare to the previous year.

Acquisitions

(7.10.1.2) Direction of change in emissions

Select from:

Increased

(7.10.1.4) Please explain calculation

Our target is a 12% reduction below 2022; our 2024 performance shows a 12% increase over 2022. This reflects growth in our fleet and facilities. We remain committed to working toward our 2030 target

Change in methodology

(7.10.1.2) Direction of change in emissions

Select from:

Increased

(7.10.1.4) Please explain calculation

Casella's GHG emission inventory calculations have been updated to reflect IPCC AR5 global warming potential values. A small portion of our inventory, relating to our fuel and electricity consumption, uses factors based on AR4. We intend to deploy AR5 values for these activities in the coming 1-2 years. We expect that update to have minimal impact on overall emissions.

[Fixed row]

(7.12) Are carbon dioxide emissions from biogenic carbon relevant to your organization?

Select from:

Yes

(7.12.1) Provide the emissions from biogenic carbon relevant to your organization in metric tons CO2.

(7.12.1.1) CO2 emissions from biogenic carbon (metric tons CO2)

209548

(7.12.1.2) Comment

This figure includes the biogenic CO2 generated from the combustion of bio-methane in Casella-operated flares and engines. Casella facilities also sends bio-methane to 3rd party users to produce energy.

[Fixed row]

(7.15) Does your organization break down its Scope 1 emissions by greenhouse gas type?

Select from:

Yes

(7.15.1) Break down your total gross global Scope 1 emissions by greenhouse gas type and provide the source of each used global warming potential (GWP).

Row 1

(7.15.1.1) Greenhouse gas

Select from:

CO2

(7.15.1.2) Scope 1 emissions (metric tons of CO2e)

157354

(7.15.1.3) GWP Reference

Select from:

IPCC Fifth Assessment Report (AR5 – 100 year)

Row 2

(7.15.1.1) Greenhouse gas

Select from:

CH4

(7.15.1.2) Scope 1 emissions (metric tons of CO2e)

603347

(7.15.1.3) GWP Reference

Select from:

IPCC Fifth Assessment Report (AR5 – 100 year)

Row 3

(7.15.1.1) Greenhouse gas

Select from:

N2O

(7.15.1.2) Scope 1 emissions (metric tons of CO2e)

1516

(7.15.1.3) GWP Reference

Select from:

IPCC Fifth Assessment Report (AR5 – 100 year)

[Add row]

(7.16) Break down your total gross global Scope 1 and 2 emissions by country/area.

	Scope 1 emissions (metric tons CO2e)	Scope 2, location-based (metric tons CO2e)
United States of America	762217	7104

[Fixed row]

(7.17) Indicate which gross global Scope 1 emissions breakdowns you are able to provide.

Select all that apply

By activity

(7.17.3) Break down your total gross global Scope 1 emissions by business activity.

	Activity	Scope 1 emissions (metric tons CO2e)
Row 1	Landfill Fugitive Emissions	602709
Row 2	Stationary Combustion Emissions	6119
Row 3	Mobile Combustion Emissions	153389

[Add row]

(7.20) Indicate which gross global Scope 2 emissions breakdowns you are able to provide.

Select all that apply

By activity

(7.20.3) Break down your total gross global Scope 2 emissions by business activity.

	Activity	Scope 2, location-based (metric tons CO2e)
Row 1	<i>Electricity Consumption Emissions</i>	7104

[Add row]

(7.22) Break down your gross Scope 1 and Scope 2 emissions between your consolidated accounting group and other entities included in your response.

	Scope 1 emissions (metric tons CO2e)	Scope 2, location-based emissions (metric tons CO2e)
Consolidated accounting group	762217	7104

[Fixed row]

(7.23) Is your organization able to break down your emissions data for any of the subsidiaries included in your CDP response?

Select from:

Not relevant as we do not have any subsidiaries

(7.27) What are the challenges in allocating emissions to different customers, and what would help you to overcome these challenges?

Row 1

(7.27.2) Please explain what would help you overcome these challenges

The emissions associated with each customer varies depending on multiple variables, including the waste types, quantities, distances, and end-sites used. We work directly with customers to complete these calculations and evaluate opportunities to reduce emissions and advance circularity.

[Add row]

(7.28) Do you plan to develop your capabilities to allocate emissions to your customers in the future?

	Do you plan to develop your capabilities to allocate emissions to your customers in the future?	Describe how you plan to develop your capabilities
	Select from: <input checked="" type="checkbox"/> Yes	Ongoing collaboration with customers.

[Fixed row]

(7.29) What percentage of your total operational spend in the reporting year was on energy?

Select from:

More than 5% but less than or equal to 10%

(7.30) Select which energy-related activities your organization has undertaken.

	Indicate whether your organization undertook this energy-related activity in the reporting year
Consumption of fuel (excluding feedstocks)	Select from: <input checked="" type="checkbox"/> Yes
Consumption of purchased or acquired electricity	Select from: <input checked="" type="checkbox"/> Yes
Generation of electricity, heat, steam, or cooling	Select from: <input checked="" type="checkbox"/> Yes

[Fixed row]

(7.30.1) Report your organization's energy consumption totals (excluding feedstocks) in MWh.

	Total (renewable + non-renewable) MWh
Consumption of self-generated non-fuel renewable energy	0.00

[Fixed row]

(7.45) Describe your gross global combined Scope 1 and 2 emissions for the reporting year in metric tons CO2e per unit currency total revenue and provide any additional intensity metrics that are appropriate to your business operations.

Row 1

(7.45.1) Intensity figure

0.00049

(7.45.2) Metric numerator (Gross global combined Scope 1 and 2 emissions, metric tons CO2e)

769321

(7.45.3) Metric denominator

Select from:

unit total revenue

(7.45.4) Metric denominator: Unit total

1557300000

(7.45.5) Scope 2 figure used

Select from:

Location-based

(7.45.6) % change from previous year

5

(7.45.7) Direction of change

Select from:

Decreased

(7.45.8) Reasons for change

Select all that apply

Acquisitions

Change in revenue

Change in methodology

(7.45.9) Please explain

The primary factors in this reduction are revenue growth and acquisitions. This was partially offset by the Scope 1 methodological shift from AR4 to AR5 global warming potential values.

Row 2

(7.45.1) Intensity figure

0.111857

(7.45.2) Metric numerator (Gross global combined Scope 1 and 2 emissions, metric tons CO2e)

769321

(7.45.3) Metric denominator

Select from:

Other, please specify :metric tons of material managed

(7.45.4) Metric denominator: Unit total

6877741

(7.45.5) Scope 2 figure used

Select from:

Location-based

(7.45.6) % change from previous year

32

(7.45.7) Direction of change

Select from:

Increased

(7.45.8) Reasons for change

Select all that apply

Change in output

Change in methodology

(7.45.9) Please explain

The increase in this metric can be partially attributed to the Scope 1 methodological shift from AR4 to AR5 global warming potential values. We also identified and corrected a unit conversion error in last year's denominator.

[Add row]

(7.52) Provide any additional climate-related metrics relevant to your business.

Row 1

(7.52.1) Description

Select from:

Other, please specify :Net Climate Benefit Factor

(7.52.2) Metric value

5.6

(7.52.3) Metric numerator

3347748

(7.52.4) Metric denominator (intensity metric only)

598478

(7.52.7) Please explain

We calculate the Net Climate Benefit Factor using EPA factors and tools. The calculation adds the emission benefits of our recycling, renewable energy, and sequestration activities and then divides this number by our total Scope 1 and 2 emissions. The figures presented here are from 2023. We update the calculations every other year.

[Add row]

(7.53) Did you have an emissions target that was active in the reporting year?

Select all that apply

Absolute target

(7.53.1) Provide details of your absolute emissions targets and progress made against those targets.

Row 1

(7.53.1.1) Target reference number

Select from:

Abs 1

(7.53.1.2) Is this a science-based target?

Select from:

No, and we do not anticipate setting one in the next two years

(7.53.1.5) Date target was set

08/01/2020

(7.53.1.6) Target coverage

Select from:

- Organization-wide

(7.53.1.7) Greenhouse gases covered by target

Select all that apply

- Carbon dioxide (CO2)
- Methane (CH4)
- Nitrous oxide (N2O)

(7.53.1.8) Scopes

Select all that apply

- Scope 1
- Scope 2

(7.53.1.9) Scope 2 accounting method

Select from:

- Location-based

(7.53.1.11) End date of base year

12/31/2010

(7.53.1.12) Base year Scope 1 emissions covered by target (metric tons CO2e)

869594

(7.53.1.13) Base year Scope 2 emissions covered by target (metric tons CO2e)

5946

(7.53.1.31) Base year total Scope 3 emissions covered by target (metric tons CO2e)

0.000

(7.53.1.32) Total base year emissions covered by target in all selected Scopes (metric tons CO2e)

875540.000

(7.53.1.33) Base year Scope 1 emissions covered by target as % of total base year emissions in Scope 1

100

(7.53.1.34) Base year Scope 2 emissions covered by target as % of total base year emissions in Scope 2

100

(7.53.1.53) Base year emissions covered by target in all selected Scopes as % of total base year emissions in all selected Scopes

100

(7.53.1.54) End date of target

12/31/2030

(7.53.1.55) Targeted reduction from base year (%)

40

(7.53.1.56) Total emissions at end date of target covered by target in all selected Scopes (metric tons CO2e)

525324.000

(7.53.1.77) Total emissions in reporting year covered by target in all selected scopes (metric tons CO2e)

0.000

(7.53.1.78) Land-related emissions covered by target

Select from:

No, it does not cover any land-related emissions (e.g. non-FLAG SBT)

(7.53.1.79) % of target achieved relative to base year

250.00

Row 2

(7.53.1.1) Target reference number

Select from:

Abs 2

(7.53.1.2) Is this a science-based target?

Select from:

No, and we do not anticipate setting one in the next two years

(7.53.1.5) Date target was set

08/01/2024

(7.53.1.6) Target coverage

Select from:

Organization-wide

(7.53.1.7) Greenhouse gases covered by target

Select all that apply

- Carbon dioxide (CO2)
- Methane (CH4)
- Nitrous oxide (N2O)

(7.53.1.8) Scopes

Select all that apply

- Scope 1
- Scope 2

(7.53.1.9) Scope 2 accounting method

Select from:

- Location-based

(7.53.1.11) End date of base year

12/31/2022

(7.53.1.12) Base year Scope 1 emissions covered by target (metric tons CO2e)

681095

(7.53.1.13) Base year Scope 2 emissions covered by target (metric tons CO2e)

6354

(7.53.1.31) Base year total Scope 3 emissions covered by target (metric tons CO2e)

0.000

(7.53.1.32) Total base year emissions covered by target in all selected Scopes (metric tons CO2e)

687449.000

(7.53.1.33) Base year Scope 1 emissions covered by target as % of total base year emissions in Scope 1

100.0

(7.53.1.34) Base year Scope 2 emissions covered by target as % of total base year emissions in Scope 2

100.0

(7.53.1.53) Base year emissions covered by target in all selected Scopes as % of total base year emissions in all selected Scopes

100.0

(7.53.1.54) End date of target

12/31/2030

(7.53.1.55) Targeted reduction from base year (%)

12

(7.53.1.56) Total emissions at end date of target covered by target in all selected Scopes (metric tons CO2e)

604955.120

(7.53.1.77) Total emissions in reporting year covered by target in all selected scopes (metric tons CO2e)

0.000

(7.53.1.79) % of target achieved relative to base year

(7.53.1.82) Explain target coverage and identify any exclusions

The target applies to all Scope 1 and 2 emissions within our operational control boundary.

(7.53.1.83) Target objective

Casella has been measuring and reducing GHG emissions since 2005. Between 2005 and 2010, we reduced our emissions by 45%. Between 2010 and 2022, we reduced our emissions by 32%. We believe our newest reduction target is achievable yet ambitious given that we are a growing organization that has already achieved significant reductions.

[Add row]

(7.54) Did you have any other climate-related targets that were active in the reporting year?

Select all that apply

No other climate-related targets

(7.55) Did you have emissions reduction initiatives that were active within the reporting year? Note that this can include those in the planning and/or implementation phases.

Select from:

Yes

(7.73) Are you providing product level data for your organization's goods or services?

Select from:

No, I am not providing data

(7.74) Do you classify any of your existing goods and/or services as low-carbon products?

Select from:

Yes

(7.74.1) Provide details of your products and/or services that you classify as low-carbon products.

Row 2

(7.74.1.1) Level of aggregation

Select from:

- Group of products or services

(7.74.1.2) Taxonomy used to classify product(s) or service(s) as low-carbon

Select from:

- Other, please specify :The EPA Waste Reduction Model (WARM) tool is used to quantify the emission avoidance associated with recycling and waste reduction services

(7.74.1.3) Type of product(s) or service(s)

Power

- Other, please specify :Circular economy solutions for Emission Avoidance

(7.74.1.4) Description of product(s) or service(s)

Resource Solutions - Casella's recycling, organics recovery, and resource management consulting services enable customers and communities to achieve their waste and recycling goals and reduce their Scope 3 carbon footprint.

(7.74.1.5) Have you estimated the avoided emissions of this low-carbon product(s) or service(s)

Select from:

- Yes

(7.74.1.6) Methodology used to calculate avoided emissions

Select from:

Other, please specify :EPA Waste Reduction Model (WARM) tool

Row 3

(7.74.1.1) Level of aggregation

Select from:

Group of products or services

(7.74.1.2) Taxonomy used to classify product(s) or service(s) as low-carbon

Select from:

Other, please specify :Data reported to the EPA through the 40 CFR Part 98 GHG Reporting program documents the emission performance of our regulated disposal facilities

(7.74.1.3) Type of product(s) or service(s)

Power

Other, please specify :Emission Avoidance

(7.74.1.4) Description of product(s) or service(s)

Low Emission Landfill services - Our modern landfills employ landfill gas collection and capture systems and often have a lower carbon footprint than competing disposal technologies, thus helping the customers who direct their waste to these facilities reduce their Scope 3 carbon footprint. Although it is not reflected in the 40 CFR Part 98 methodology listed below, landfills also have a carbon sequestration benefit.

[Add row]

(7.79) Has your organization retired any project-based carbon credits within the reporting year?

Select from:

No

