

# Welcome to your CDP Climate Change Questionnaire 2023

## C0. Introduction

### C0.1

#### **(C0.1) Give a general description and introduction to your organization.**

Abdi İbrahim, the Turkish pharmaceutical industry leader, founded at a small pharmacy in 1912 in Küçükmustafapaşa, Istanbul, by pharmacist Abdi İbrahim Bey. Abdi İbrahim has the largest product portfolio in the sector, with nearly 250 brands and more than 500 products which it develops itself as well as working with 30 licensors.

With its powerful vision, dynamic structure and contemporary outlook, Abdi İbrahim has been the leader of Türkiye's pharmaceutical industry since 2002. Today, Abdi İbrahim, which operates in 16 countries outside Türkiye, exports to more than 70 countries ranging from Canada to European Union member states, from North Africa to Asia, and is the largest employer in the Turkish pharmaceutical industry with 5.500 qualified employees. The company also leads its marketing and sales team, which is the largest in the industry.

Abdi İbrahim, which has the first accredited R&D centre in the industry, is a role model with its technological equipment and architecture as well as its R&D processes for future healthcare.

As well as its R&D Centre, Abdi İbrahim has a manufacturing facility for pharmaceutical products, Türkiye's largest biotechnological manufacturing facility AbdiBio, a hormone production facility, sterile ophthalmology and sterile inhalation products production facility, and a sterile injectable and oncology products production facility which will be operational in 2023 in Istanbul's Esenyurt production complex. Abdi İbrahim has also R&D centres and production facilities in Kazakhstan and Algeria.

Abdi İbrahim was part of the Swiss joint venture that acquired OM Pharma, an 86-year-old pharma company based in Switzerland, one of the leading countries in the pharmaceutical industry, in 2020. After the acquisition, Abdi İbrahim owned a 28.5 percent stake in OM Pharma. The acquisition made Abdi İbrahim the first and only Turkish pharma company to form a strategic partnership with a European counterpart. Abdi İbrahim was also the only foreign partner in the joint venture that acquired OM Pharma. Abdi İbrahim has added to its investments with the acquisition of a 90% share of INOLIVA, a company operating in the Turkish health sector that has rapidly made its mark on the market with its innovative products.

With its “Rational Medicine Use Campaign”, initiated in its 100th year of operation, Abdi İbrahim aims to raise social awareness and achieve long-term behavioral change in unconscious medicine use, which has a high impact on public health and the country’s economy.

In 2015, Abdi İbrahim renovated the health museum in Dar al-Shifa’, focusing on Ottoman medicine from the 15th to the 18th century, making the treasures of our medical history accessible to the public. The Sultan Bayezid II Edirne Hospital Restoration Project has achieved 6 awards.

Abdi İbrahim took an important step by signing United Nations Global Principles Agreement in 2010, creating the opportunity to share the high standards that it has achieved in the fields of human rights and environmental and social responsibility. Abdi İbrahim has also focused on its sustainability activities through Level A of the Global Reporting Initiative.

As a corporate citizen working towards creating a better world and a better future, adhering to its mission in the sector and to the requirements of societal priorities, Abdi İbrahim focuses on sustainability in all its business processes. Approaching all of its actions from the standpoint of environmental, social and governance (ESG) criteria, Abdi İbrahim has made it possible to gauge the company’s performance not only on the basis of positive financial results but also from the perspective of its positive impact on the community and the environment.

As of 2020, Abdi İbrahim became the first pharmaceuticals company in Türkiye to use 100 percent renewable electricity, meeting the electricity needs of all its facilities and buildings. Making significant strides to reduce its carbon footprint, Abdi İbrahim’s goal is to become a carbon-neutral company by 2030.

Placing great importance on the matter of sustainable water management, Abdi İbrahim is the first Turkish pharmaceuticals company to join the signatories of the CEO Water Mandate, an initiative of the United Nations Global Compact. Becoming the first Turkish company to sign the ‘Science-Based Targets Initiative (SBTi)’ and the first and only Turkish company to align with the Recover Better Declaration founded under the leadership of the SBTi.

A force for healing in a changing world, Abdi İbrahim increases its effectiveness in international markets with each passing day. Its vision for 2025 - apart from maintaining its status as a wholly local company - is to become "one of the top 100 pharmaceutical companies in the world".

[www.abdiibrahim.com.tr](http://www.abdiibrahim.com.tr)

## C0.2

**(C0.2) State the start and end date of the year for which you are reporting data and indicate whether you will be providing emissions data for past reporting years.**

**Reporting year**

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**Start date**

January 1, 2022

**End date**

December 31, 2022

**Indicate if you are providing emissions data for past reporting years**

No

## C0.3

**(C0.3) Select the countries/areas in which you operate.**

Algeria  
Kazakhstan  
Switzerland  
Turkey

## C0.4

**(C0.4) Select the currency used for all financial information disclosed throughout your response.**

TRY

## C0.5

**(C0.5) Select the option that describes the reporting boundary for which climate-related impacts on your business are being reported. Note that this option should align with your chosen approach for consolidating your GHG inventory.**

Equity share

## C0.8

**(C0.8) Does your organization have an ISIN code or another unique identifier (e.g., Ticker, CUSIP, etc.)?**

Indicate whether you are able to provide a unique identifier for your organization	Provide your unique identifier
No	

## C1. Governance

### C1.1

**(C1.1) Is there board-level oversight of climate-related issues within your organization?**

Yes

## C1.1a

**(C1.1a) Identify the position(s) (do not include any names) of the individual(s) on the board with responsibility for climate-related issues.**

Position of individual or committee	Responsibilities for climate-related issues
Chief Executive Officer (CEO)	<p>The greatest level of responsibility for climate-related issues lies with Abdi İbrahim's CEO who also is a member of the Executive Committee of Abdi İbrahim. The CEO oversees Abdi İbrahim Sustainability Committee which was founded in 2013 to better operate and systematically report the company's sustainability efforts including climate-related targets and measures. The committee is responsible for identifying potential resource efficiency projects and notifying the Executive Committee of investment areas. The committee is chaired by the Public Affairs, Sustainability &amp; Communications Department and reports directly to the CEO, the Executive Committee, and the Advisory Board. The CEO, as a member of the Executive Committee of Abdi İbrahim, has the responsibility to approve the environmental sustainability strategy, climate change and water security targets and goals. The CEO's involvement enables the Abdi İbrahim climate and water strategy to be balanced with other business priorities and ensures that sufficient resources are in place to execute plans in support of the strategy. The CEO can take action to accelerate implementation to respond to external expectations or business needs. The CEO has KPIs for climate-related issues. Some of these KPIs are finalizing smart software projects and completing SBTi targets.</p>

## C1.1b

**(C1.1b) Provide further details on the board's oversight of climate-related issues.**

Frequency with which climate-related issues are a scheduled agenda item	Governance mechanisms into which climate-related issues are integrated	Please explain
Scheduled – some meetings	<p>Reviewing and guiding annual budgets Overseeing major capital expenditures Overseeing acquisitions, mergers, and divestitures Overseeing and guiding employee incentives</p>	<p>Abdi İbrahim Sustainability Committee is chaired by the Public Affairs, Sustainability &amp; Communications and is responsible for the direction of sustainability activities in Abdi İbrahim, including climate-related issues. The committee directly reports to the CEO, the Executive Committee, and the Advisory Board. Within the scope of the Vision 2025 strategy, the basic priorities and strategy of the company have been determined. In this context, 4 main subjects related to sustainability have been added. Within the scope of these subjects, KPIs were determined and started to be followed. Increasing</p>

	<p>Reviewing and guiding strategy</p> <p>Overseeing and guiding the development of a transition plan</p> <p>Monitoring the implementation of a transition plan</p> <p>Overseeing the setting of corporate targets</p> <p>Monitoring progress towards corporate targets</p>	<p>the focus on sustainability, expanded policies are included in the global transformation programs, which is one of the strategic initiatives of the company within the framework of Vision 2025. Under the program of dissemination of sustainability policies, 4 different initiatives were formed. The sustainability activities of the company are carried out, evaluated, and followed systematically within the scope of the strategic road map. The efforts to become a carbon-neutral Abdi İbrahim in 2030 are included in the company's target cards and the outputs of the projects related to GHG emissions are closely followed by the Board of Directors.</p>
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## C1.1d

**(C1.1d) Does your organization have at least one board member with competence on climate-related issues?**

	Board member(s) have competence on climate-related issues	Criteria used to assess competence of board member(s) on climate-related issues
Row 1	Yes	<p>We have individuals on our board of directors and executive team who possess extensive knowledge of climate-related issues. Our board comprises members from diverse backgrounds, including doctors, financiers, and engineers. The president of our International Markets Group is a chemical engineer with experience in research and development. These members serve as guides on climate change and GHG issues and they stay up-to-date on the latest developments. Additionally, the CEO oversees the monitoring of project carbon footprints and environmental impacts. They frequently exchange information with board members and directors.</p>

## C1.2

**(C1.2) Provide the highest management-level position(s) or committee(s) with responsibility for climate-related issues.**

**Position or committee**

Chief Executive Officer (CEO)

**Climate-related responsibilities of this position**

Managing annual budgets for climate mitigation activities

Managing major capital and/or operational expenditures related to low-carbon products or services (including R&D)  
Managing climate-related acquisitions, mergers, and divestitures  
Providing climate-related employee incentives  
Developing a climate transition plan  
Implementing a climate transition plan  
Integrating climate-related issues into the strategy  
Setting climate-related corporate targets  
Monitoring progress against climate-related corporate targets

### Coverage of responsibilities

#### Reporting line

Reports to the board directly

#### Frequency of reporting to the board on climate-related issues via this reporting line

Quarterly

#### Please explain

The CEO position is the highest management position in the company across all functions. Since climate change concerns most of the operations undertaken by Abdi İbrahim, the ultimate responsibility for climate-related issues are assigned to the CEO.

## C1.3

**(C1.3) Do you provide incentives for the management of climate-related issues, including the attainment of targets?**

	Provide incentives for the management of climate-related issues	Comment
Row 1	Yes	Abdi İbrahim provides incentives for the management of climate-related issues.

## C1.3a

**(C1.3a) Provide further details on the incentives provided for the management of climate-related issues (do not include the names of individuals).**

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#### Entitled to incentive

Chief Executive Officer (CEO)

#### Type of incentive

Monetary reward

#### Incentive(s)

Bonus - % of salary

**Performance indicator(s)**

Achievement of climate transition plan KPI

**Incentive plan(s) this incentive is linked to**

Both Short-Term and Long-Term Incentive Plan

**Further details of incentive(s)**

The success in accomplishing climate-related targets is recognized through annual salary adjustments and financial bonuses approved by the board.

**Explain how this incentive contributes to the implementation of your organization's climate commitments and/or climate transition plan**

The CEO of Abdi İbrahim is responsible for implementing environmental and social initiatives across the organization. Their annual performance evaluation includes the assessment of their management of climate-related issues and sustainability as a whole. To ensure progress, the CEO has established key performance indicators (KPIs), including targets for climate-related initiatives through SBTi. We are also undertaking a project to reduce the size of medicine packaging by utilizing smart software to evaluate various parameters, such as packaging materials like aluminium foil, PVC or cardboard. In addition, we are actively working on an innovation project for packaging materials. The CEO is responsible for overseeing the completion and progress of the smart software and managing the innovation project. Their success in these areas is recognized through annual salary adjustments and financial bonuses approved by the board.

## C2. Risks and opportunities

### C2.1

**(C2.1) Does your organization have a process for identifying, assessing, and responding to climate-related risks and opportunities?**

Yes

#### C2.1a

**(C2.1a) How does your organization define short-, medium- and long-term time horizons?**

	From (years)	To (years)	Comment
Short-term	0	1	We consider the short-term horizon to be between 0 to 1 year. This time frame includes the process or product-level energy efficiency and emission reduction targets.

Medium-term	1	10	We consider the medium-term horizon to be between 1 to 10 years. For example, our carbon neutrality target by 2030 is within this time frame.
Long-term	10	30	We consider the long-term horizon to be between 10 to 30 years. We are in the process of establishing Science Based Target which will be within our long-term horizon.

## C2.1b

### (C2.1b) How does your organization define substantive financial or strategic impact on your business?

Definition of 'substantive financial or strategic impact:

When identifying climate-related risks, we define substantive financial or strategic impact as any risk definition with the potential to cause 100 mio TRY worth of damages to our company's revenues, facilities, or equipment.

Indicator(s) used to define substantive financial or strategic impact:

We use the threshold for a quantifiable indicator as the limit of 100 mio TRY worth of damages to assess whether the risk is substantive or not. For each risk definition, definition-specific scenario analysis is conducted to determine the potential TRY worth of damages to the company revenue.

## C2.2

### (C2.2) Describe your process(es) for identifying, assessing and responding to climate-related risks and opportunities.

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#### Value chain stage(s) covered

Direct operations  
Upstream  
Downstream

#### Risk management process

Integrated into multi-disciplinary company-wide risk management process

#### Frequency of assessment

More than once a year

#### Time horizon(s) covered

Short-term  
Medium-term  
Long-term

#### Description of process



Since 2006, Abdi İbrahim Audit Directorate oversees the risk management processes of the company. The sustainability team of Abdi İbrahim identifies, assesses, and initiates action to respond to environmental risks and opportunities related to climate change. After the team's assessment, risks identified as substantive are reported to the Sustainability Committee, which is led by the CEO.

Abdi İbrahim's integrated risk management processes separate risks under 3 categories which are "Macro risks", "External supply chain risks" and "Internal risks". Climate change-related risks are defined under macro risks and are included in the sub-categories "Extreme weather events" and "Environmental Protection Policies". Environmental risks, including climate change, are assessed throughout the year, with the frequency of assessment being at least 2 times per year. The assessment covers the timespans of 1 year, 10 years and 30 years, to analyze the performance on short-, medium- and long-term climate targets.

Identification and assessment of climate-related risks:

The Sustainability team utilizes various tools and methodologies to identify climate-related risks. These tools include ISO 14072 Organizational Life Cycle Assessment studies, product and corporate level carbon footprint studies and WRI's Aqueduct tool. After identification, each risk is assigned a financial impact calculated by considering the severity, probability, and time horizon (short, medium and long term) associated with the risk. Any risk with a potential to cause 100 mio TRY worth of damages to our company's revenues, facilities, or equipment is considered substantial.

Responding to climate-related risks:

We organize sustainability trainings and awareness seminars for all our white-collar employees, including managers for them to be considerate of climate-related risks associated with their duties. One example of this training is circular economy training by Business Council for Sustainable Development Türkiye. We also form discussion groups on what we can do to reduce Abdi İbrahim's emissions with high participation at the level of directors and managers. Each group discusses an emission source and discusses how they could reduce it through their core business.

## C2.2a

**(C2.2a) Which risk types are considered in your organization's climate-related risk assessments?**

	Relevance & inclusion	Please explain
Current regulation	Relevant, always included	All local and global current regulations related to climate risks are considered in our risk assessment procedures. Regulations are monitored through our Legal Compliance Monitoring Procedure, which is a part of our risk management system. For example, the current Turkish Regulation on Monitoring, Reporting, and Verification of Greenhouse Gas emissions is one of the regulations considered in our

		<p>risk management procedures. While Abdi İbrahim is not in the scope of the regulation, we decided to install continuous emissions monitoring systems (CEMS) as mandated by the regulation for covered sectors to our stacks as well. This ensures that our emissions are monitored constantly and in the event of a scope expansion, we are prepared to certify our system and report directly to the Ministry of Environment, Urbanization and Climate Change.</p>
Emerging regulation	Relevant, always included	<p>All local and global emerging regulations related to climate risks are considered in our risk assessment procedures. Regulations are monitored through our Legal Compliance Monitoring Procedure, which is a part of our risk management system. For example, we follow the upcoming Climate &amp; ETS Regulation to be resilient to any regulation update. Although we are not within the scope of MRV Regulation, we install continuous emissions monitoring systems (CEMS), a prerequisite to the regulation. We are already prepared to report directly to the Ministry of Environment, Urbanisation and Climate Change for our emissions.</p>
Technology	Relevant, always included	<p>Technology risks related to climate change are assessed under our risk assessment procedures. As an example of identified risks, failure to keep up with the current manufacturing technology regarding climate performance can be given. We may face reputational and financial consequences if our technology cannot keep up with our competitors in the pharmaceutical sector. Climate performance-related technological innovations are monitored for developing more sustainable manufacturing processes and lower-impact products. As an example, we initiated studies to reduce environmental impacts in R&amp;D and innovation activities. In this context, studies will be implemented to decrease Abdi İbrahim's carbon footprint, including pharmaceuticals without package inserts, a medicine package and blister optimization process for the decreased use of material and in particular plastic, biodegradable packaging implementation and the production of personalized vitamins and pharmaceuticals using 3D printing.</p>
Legal	Relevant, always included	<p>Local and global regulations related to climate change are monitored through our Legal Compliance Monitoring Procedure, which is a part of our risk management system. We consider the legal framework in which we operate as relevant in our climate-related risk assessments. Failure to comply with regulations may impact our business continuity, financial performance and reputation. All pharmaceutical manufacturing sites are required to obtain an environmental permit that covers all regulations related to the environment. For example, the current Turkish regulation on monitoring, reporting, and verification of greenhouse gas emissions is one of the regulations considered in our risk management procedures. While Abdi İbrahim is not in the scope of the regulation, we decided to install continuous emissions monitoring systems (CEMS) as mandated by the regulation for covered sectors to</p>

		our stacks as well. This ensures that our emissions are monitored constantly and in the event of a scope expansion, we are prepared to certify our system and report directly to the Ministry of Environment, Urbanisation and Climate Change.
Market	Relevant, always included	Market risks related to climate change are assessed under our risk management system. Failure to prove Abdi İbrahim's commitment to reduce its climate impacts may affect our customers' opinion about our company and products negatively which in return can reduce our sales. Changes in the markets in which we operate are important and are always considered in Abdi İbrahim's climate-related risk assessments because failure to maintain the competitiveness of our products could harm our business.
Reputation	Relevant, always included	Reputation risks related to climate change are assessed under our risk management system. Abdi İbrahim's reputation is extremely important and is always included in our climate-related risk assessments. Damage to our reputation due to lacking climate change performance could negatively impact our relationships with patients, employees, and other key stakeholders, resulting in negative impacts on our business and operations.
Acute physical	Relevant, always included	Acute physical climate-related risks are assessed under our risk management system. The severity and frequency of extreme weather conditions such as hurricanes, wildfires, and floods keep increasing and this may present major challenges to our operations and value chain. We may lose operational and supply chain capacity due to acute weather events instigated by climate change.
Chronic physical	Relevant, always included	Chronic physical climate-related risks are assessed under our risk management system. Climate change can cause water scarcity which in return can increase the cost and decrease the availability of the raw materials that we require for our products. It can also cause disruptions in manufacturing. These effects can decrease our financial performance and disrupt our operations.

## C2.3

**(C2.3) Have you identified any inherent climate-related risks with the potential to have a substantive financial or strategic impact on your business?**

Yes

## C2.3a

**(C2.3a) Provide details of risks identified with the potential to have a substantive financial or strategic impact on your business.**

**Identifier**

Risk 1

**Where in the value chain does the risk driver occur?**

Direct operations

**Risk type & Primary climate-related risk driver**

Chronic physical  
Water scarcity

**Primary potential financial impact**

Decreased revenues due to reduced production capacity

**Company-specific description**

Abdi İbrahim has manufacturing facilities in Türkiye, Algeria, Kazakhstan, and Switzerland. Our Esenyurt manufacturing facility, which represents 87% of our manufacturing capacity, is located in Istanbul, Türkiye within the Marmara Basin. According to WRI's Aqueduct tool, the facility's location is under high water risk and has an extremely high level of water stress. The availability of water is critical for the operations of this facility. Losing access to water could disrupt manufacturing and this in return can cause a loss of revenues.

**Time horizon**

Long-term

**Likelihood**

Likely

**Magnitude of impact**

High

**Are you able to provide a potential financial impact figure?**

Yes, an estimated range

**Potential financial impact figure (currency)**

**Potential financial impact figure – minimum (currency)**

323,783,308

**Potential financial impact figure – maximum (currency)**

363,269,077

**Explanation of financial impact figure**

Esenyurt manufacturing facility with its 450 million boxes manufacturing capacity represents 87% of Abdi İbrahim's total manufacturing capacity of 520 million boxes.

This capacity in return represents 82% to 92% of our total revenues. If Esenyurt facility stops working due to unavailability of water, instigated by climate change, for a duration of 2 weeks we can assume a loss of revenues between 2.7% to 3.1% due to the

unavailability of products due to lacking manufacturing capacity.

Calculation of financial impact:

Lower value:

TRY 10,266.3 million (2022 revenues) x 82% (lower value of revenue share allocated to the facility) x 2/52 (2 weeks' share in a year) = TRY 323,783,308

Higher value:

TRY 10,266.3 million (2022 revenues) x 92% (higher value of revenue share allocated to the facility) x 2/52 (2 weeks' share in a year) = TRY 363,269,077

### Cost of response to risk

0

### Description of response and explanation of cost calculation

Explanation of how the figure provided in column 'Cost to realize opportunity' was calculated:

Currently, we are in the process of conducting a more detailed risk analysis on this subject. We will further assess the level of risk associated with water scarcity in Türkiye, within the Marmara Basin. This assessment is conducted by our employees and requires no additional investment. Thus, the cost of response to risk is given as zero.

Case study with results of actions and timescale of implementation:

The results of this water scarcity risks-related assessment will reveal whether Abdi İbrahim needs to make investments to improve the water efficiency of the facility. The assessment is currently underway and we expect to finish the assessment in the short term, within the next year. After the assessment is finalized, we will decide whether to invest in smart water technologies, according to the results.

### Comment

No additional comment.

## C2.4

**(C2.4) Have you identified any climate-related opportunities with the potential to have a substantive financial or strategic impact on your business?**

Yes

## C2.4a

**(C2.4a) Provide details of opportunities identified with the potential to have a substantive financial or strategic impact on your business.**

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### Identifier

Opp1

**Where in the value chain does the opportunity occur?**

Direct operations

**Opportunity type**

Products and services

**Primary climate-related opportunity driver**

Development and/or expansion of low emission goods and services

**Primary potential financial impact**

Increased revenues resulting from increased demand for products and services

**Company-specific description**

As Abdi İbrahim, we are investing in developing lower environmental impact products. One of these investments was the smart packaging design software project. As of the end of 2022, the software is applied to 26 products. Thanks to the software, we reduce our raw material usage such as aluminum foil, PVC, or cardboard. These investments enable us to provide lower environmental impact manufacturing solutions for our contract manufacturing customers, where we manufacture for other companies. With the introduction of lower environmental impact product manufacturing solutions, we can increase our revenues due to increased demand for lower environmental impact products by our contract manufacturing customers.

**Time horizon**

Medium-term

**Likelihood**

Likely

**Magnitude of impact**

Medium-high

**Are you able to provide a potential financial impact figure?**

Yes, an estimated range

**Potential financial impact figure (currency)**

**Potential financial impact figure – minimum (currency)**

118,457,308

**Potential financial impact figure – maximum (currency)**

157,943,077

**Explanation of financial impact figure**

Our contract manufacturing business, with a yearly capacity of 100 million boxes, represents 19.2% of our total manufacturing capacity of 520 million boxes. Assuming an increase of 6% to 8% in revenues due to increased demand for lower-impact products by our contract manufacturing customers, a positive financial impact of TRY 118.4 million to TRY 157.9 million in the form of increased revenues can be expected.

Financial impact calculation:

Lower value:

100 million boxes (Contract manufacturing business capacity) / 520 million boxes (Total manufacturing capacity) x TRY 10,266.3 million (2022 Revenues) x 6% (Revenue increase assumption) = TRY 118,457,308

Higher value:

100 million boxes (Contract manufacturing business capacity) / 520 million boxes (Total manufacturing capacity) x TRY 10,266.3 million (2022 Revenues) x 8% (Revenue increase assumption) = TRY 157,943,077

### **Cost to realize opportunity**

29,000,000

### **Strategy to realize opportunity and explanation of cost calculation**

Explanation of how the figure provided in column 'Cost to realize opportunity' was calculated:

The cost to realize opportunity represents the total investment required to enable manufacturing conditions that can manufacture products with lower environmental impact. It includes the costs associated with R&D, software, and mold replacement costs to be able to develop lower-impact products, which amounts to TRY 29 million.

Case study with results of actions and timescale of implementation:

The smart packaging design software and the manufacturing changes associated with it were started to be implemented in 2020. As of the end of 2022, the software is applied to 26 products. Thanks to the software, we reduce our raw material usage such as aluminum foil, PVC, or cardboard. The project has an indefinite lifetime as it continues to attract new contract customers to Abdi İbrahim. This opportunity will bring more revenues and reduced GHG emissions to Abdi İbrahim in the short, medium and long term.

### **Comment**

We will keep investing in developing production technologies for lower environmental impact.

## **C3. Business Strategy**

### **C3.1**

**(C3.1) Does your organization's strategy include a climate transition plan that aligns with a 1.5°C world?**

**Row 1**

#### **Climate transition plan**

Yes, we have a climate transition plan which aligns with a 1.5°C world

#### **Publicly available climate transition plan**

Yes

**Mechanism by which feedback is collected from shareholders on your climate transition plan**

Our climate transition plan is voted on at Annual General Meetings (AGMs)

**Attach any relevant documents which detail your climate transition plan (optional)**

Our SBTi target plan which aligns with a 1.5°C world

### C3.2

**(C3.2) Does your organization use climate-related scenario analysis to inform its strategy?**

Use of climate-related scenario analysis to inform strategy	
Row 1	Yes, qualitative and quantitative

### C3.2a

**(C3.2a) Provide details of your organization’s use of climate-related scenario analysis.**

Climate-related scenario	Scenario analysis coverage	Temperature alignment of scenario	Parameters, assumptions, analytical choices
Transition scenarios Customized publicly available transition scenario	Company-wide	1.5°C	Abdi İbrahim has created its objectives for reducing greenhouse gas emissions in the short term, specifically by 2030, with the guidance of the Science Based Targets Initiative (SBTi). By using the Absolute Contraction Approach (ACA), which advocates for an overall reduction in the quantity of greenhouse gases released into the atmosphere in the target year compared to the base year, Abdi İbrahim has selected a scenario that aligns with a 1.5°C temperature increase limit. This determined the amount of greenhouse gas reduction that is necessary to achieve Abdi İbrahim's Scope 1 and 2 targets. Science Based Targets uses an envelope of climate scenarios composed of scenarios from IPCC and IEA. For the target to be in line with the 1.5°C scenario, a minimum of 4.2% reduction of GHG emissions in annual linear terms is required. We defined our Scope 1 + 2 GHG reduction target as "reducing absolute scope 1 and 2 GHG emissions 60% by 2030 from a 2020 base year", placing it well above the reduction requirements set by the Science Based Targets Initiative.



Physical climate scenarios RCP 8.5	Company-wide		We examined how our business could be impacted by the outcomes of RCP 4.5 and RCP 8.5 scenarios. According to studies conducted by the Turkish State Meteorological Service, these scenarios would lead to an average temperature rise of 1 to 2 degrees Celsius between 2016 and 2040 and 1.5 to 4 degrees Celsius between 2071 and 2099. 90% of our manufacturing capacity is located in Türkiye. Increased average temperatures may affect precipitation patterns and risk the availability of water which is critical for operations. We use the WRI Aqueduct tool to perform an analysis that incorporates elements of the RCP 8.5 scenario. We have utilized this tool to pinpoint the production sites that are expected to experience a surge in water scarcity by 2030. This analysis will be used to guide our decision-making process regarding the development of future production sites, as well as existing ones.
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## C3.2b

**(C3.2b) Provide details of the focal questions your organization seeks to address by using climate-related scenario analysis, and summarize the results with respect to these questions.**

### Row 1

#### Focal questions

Focal Question 1:

How should Abdi İbrahim change or modify its products so that it can achieve GHG emission reductions required by the Science Based Targets initiative?

The rationale for selecting the scenarios disclosed in C3.2a regarding focal question 1:

Our Science Based Targets target-setting process required us to develop a future emissions profile in accordance with the 1.5-degree temperature alignment. Science Based Targets also required us to develop Scope 3 emission reduction pathways which also include GHG emission reductions associated with our products.

Focal Question 2:

How can Abdi İbrahim's ability to manufacture its products be influenced by the effects of climate change on water availability, scarcity, and stress?

The rationale for selecting the scenarios disclosed in C3.2a regarding focal question 2:

We examined how our business could be impacted by the outcomes of RCP 4.5 and RCP 8.5 scenarios. According to studies conducted by the Turkish State Meteorological Service, these scenarios would lead to an average temperature rise of 1 to 2 degrees Celsius between 2016 and 2040, and 1.5 to 4 degrees Celsius between 2071 and 2099.

90% of our manufacturing capacity is located in Türkiye. Increased average temperatures may affect precipitation patterns and risk the availability of water which is critical for operations.

### Results of the climate-related scenario analysis with respect to the focal questions

We researched potential projects to reduce GHG emissions associated with our products. As a result, we are still investing in smart packaging design software that we introduced in 2020. As of the end of 2022, the software is applied to 26 products. Thanks to the software, we reduce our raw material usage such as aluminium foil, PVC, or cardboard. These changes in return enable us to provide lower environmental impact manufacturing solutions for our contract manufacturing customers, where we manufacture for other companies. In addition, the project saves approximately 1 million euros each year by reducing raw material use costs. The project has an indefinite lifetime as it continues to attract new contract customers to Abdi İbrahim. This opportunity will bring more revenues and reduced GHG emissions to Abdi İbrahim in the time span of 0 to 30+ years, which covers short-, medium- and long-term horizons for Abdi İbrahim. That's why; Abdi İbrahim decided to invest in efficiency projects which softens the transition to a less dependent economic model on natural resources and therefore, to a low-carbon economy.

Our focal question on water scarcity revealed that Türkiye, which is our main manufacturing hub that houses 90% of our manufacturing capacity, is under very high-water stress. To combat the risks associated with water stress, we initiated research on investments that can improve our water efficiency and in return reduce our dependence on water.

## C3.3

### (C3.3) Describe where and how climate-related risks and opportunities have influenced your strategy.

	Have climate-related risks and opportunities influenced your strategy in this area?	Description of influence
Products and services	Yes	Our products consist of two components: the active ingredients that serve as medicine and the packaging material. Due to climate change, the prices of some low-carbon alternatives of raw materials, such as paper, cardboard, and aluminium foil, have risen, leading to a more competitive market. These materials constitute a significant portion of our emissions, and the increased costs have prompted us to reduce the packaging of our products and use fewer resources. This approach yields both financial benefits and greenhouse gas emission reductions for us.

		Additionally, our regular communication about our initiatives and strategies has improved our brand image and enhanced our reputation as a responsible pharmaceutical company in Türkiye.
Supply chain and/or value chain	Yes	There are biodegradable raw materials that we use for our products Due to climate-related issues, there was a decrease in corn harvests and starch production. As a result of this situation, we faced supply chain problems due to increased demand. We are working on this issue and improving climate-related risks strategy within our supply chain. We aim to research alternative raw materials as well as preferring local resources. In addition, our water scarcity-related assessments revealed that some of our manufacturing capacity is located in high-water stress areas. We aim to invest in water efficiency equipment to reduce our dependency on external water input.
Investment in R&D	Yes	The use of special software for reducing packaging materials and the search for alternative biodegradable raw materials have resulted in increased R&D investments.
Operations	Yes	We have comprehensive logistics operations to distribute our products to our customers. This results in quite a large amount of GHG impacts from vehicles. We are considering replacing petrol-driven cars with hybrid or electric drive solutions. Transition to electrical vehicles will rely on their availability as well as the availability of the infrastructure for charging. Each year we also invest in procuring renewable electricity for our operations to reduce our climate impacts.

### C3.4

**(C3.4) Describe where and how climate-related risks and opportunities have influenced your financial planning.**

	Financial planning elements that have been influenced	Description of influence
Row 1	Revenues Direct costs Capital expenditures	Our direct and indirect costs are influenced by climate-related risks. To better prepare for the regulatory and physical impacts of climate change, we are implementing measures in energy efficiency, renewable electricity purchasing, and emissions reporting. All these measures increase our CAPEX (installation of Continuous Emissions Monitoring Systems, replacing equipment and machinery with energy-efficient ones) and OPEX (CEMS operating costs, emission monitoring costs, and renewable electricity purchases). We include climate-related risks in

	<p>our financial planning for the above-mentioned initiatives to aim to reach carbon neutrality by 2030. In addition, additional financial resources are required for our outsourced R&amp;D to develop sustainable products. In addition, our packaging-related applications to reduce raw material use can increase our revenues by attracting more clients for our contract manufacturing business.</p> <p>In addition, our water scarcity-related risk assessments revealed that some of our manufacturing capacity is located in high-water stress areas. We aim to invest in water efficiency equipment to reduce our dependency on external water input.</p>
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### C3.5

**(C3.5) 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	
Row 1	Yes, we identify alignment with our climate transition plan

### C3.5a

**(C3.5a) Quantify the percentage share of your spending/revenue that is aligned with your organization’s climate transition.**

**Financial Metric**

Revenue/Turnover

**Type of alignment being reported for this financial metric**

Alignment with our climate transition plan

**Taxonomy under which information is being reported**

**Objective under which alignment is being reported**

**Amount of selected financial metric that is aligned in the reporting year (unit currency as selected in C0.4)**

1,240,928,609

**Percentage share of selected financial metric aligned in the reporting year (%)**

12

**Percentage share of selected financial metric planned to align in 2025 (%)**

16

**Percentage share of selected financial metric planned to align in 2030 (%)**

18

**Describe the methodology used to identify spending/revenue that is aligned**

We reduced the use of materials by optimizing the packaging sizes in some of our product groups. In the second phase of the project, raw materials will be replaced with low-carbon raw materials. These products within the scope of the project are classified as low-carbon products and they contribute to our climate transition plan.

## C4. Targets and performance

### C4.1

**(C4.1) Did you have an emissions target that was active in the reporting year?**

Absolute target

#### C4.1a

**(C4.1a) Provide details of your absolute emissions target(s) and progress made against those targets.**

---

**Target reference number**

Abs 1

**Is this a science-based target?**

Yes, and this target has been approved by the Science Based Targets initiative

**Target ambition**

1.5°C aligned

**Year target was set**

2021

**Target coverage**

Company-wide

**Scope(s)**

Scope 1

Scope 2

**Scope 2 accounting method**

Market-based

**Scope 3 category(ies)**

**Base year**

2020

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

17,766

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

22,027

**Base year Scope 3, Category 1: Purchased goods and services emissions covered by target (metric tons CO2e)**

**Base year Scope 3, Category 2: Capital goods emissions covered by target (metric tons CO2e)**

**Base year Scope 3, Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2) emissions covered by target (metric tons CO2e)**

**Base year Scope 3, Category 4: Upstream transportation and distribution emissions covered by target (metric tons CO2e)**

**Base year Scope 3, Category 5: Waste generated in operations emissions covered by target (metric tons CO2e)**

**Base year Scope 3, Category 6: Business travel emissions covered by target (metric tons CO2e)**

**Base year Scope 3, Category 7: Employee commuting emissions covered by target (metric tons CO2e)**

**Base year Scope 3, Category 8: Upstream leased assets emissions covered by target (metric tons CO2e)**

**Base year Scope 3, Category 9: Downstream transportation and distribution emissions covered by target (metric tons CO2e)**

**Base year Scope 3, Category 10: Processing of sold products emissions covered by target (metric tons CO2e)**

**Base year Scope 3, Category 11: Use of sold products emissions covered by target (metric tons CO2e)**

**Base year Scope 3, Category 12: End-of-life treatment of sold products emissions covered by target (metric tons CO2e)**

**Base year Scope 3, Category 13: Downstream leased assets emissions covered by target (metric tons CO2e)**

**Base year Scope 3, Category 14: Franchises emissions covered by target (metric tons CO2e)**

**Base year Scope 3, Category 15: Investments emissions covered by target (metric tons CO2e)**

**Base year Scope 3, Other (upstream) emissions covered by target (metric tons CO2e)**

**Base year Scope 3, Other (downstream) emissions covered by target (metric tons CO2e)**

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

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

39,793

**Base year Scope 1 emissions covered by target as % of total base year emissions in Scope 1**

100

**Base year Scope 2 emissions covered by target as % of total base year emissions in Scope 2**

100

**Base year Scope 3, Category 1: Purchased goods and services emissions covered by target as % of total base year emissions in Scope 3, Category 1: Purchased goods and services (metric tons CO2e)**

**Base year Scope 3, Category 2: Capital goods emissions covered by target as % of total base year emissions in Scope 3, Category 2: Capital goods (metric tons CO<sub>2</sub>e)**

**Base year Scope 3, Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2) emissions covered by target as % of total base year emissions in Scope 3, Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2) (metric tons CO<sub>2</sub>e)**

**Base year Scope 3, Category 4: Upstream transportation and distribution covered by target as % of total base year emissions in Scope 3, Category 4: Upstream transportation and distribution (metric tons CO<sub>2</sub>e)**

**Base year Scope 3, Category 5: Waste generated in operations emissions covered by target as % of total base year emissions in Scope 3, Category 5: Waste generated in operations (metric tons CO<sub>2</sub>e)**

**Base year Scope 3, Category 6: Business travel emissions covered by target as % of total base year emissions in Scope 3, Category 6: Business travel (metric tons CO<sub>2</sub>e)**

**Base year Scope 3, Category 7: Employee commuting covered by target as % of total base year emissions in Scope 3, Category 7: Employee commuting (metric tons CO<sub>2</sub>e)**

**Base year Scope 3, Category 8: Upstream leased assets emissions covered by target as % of total base year emissions in Scope 3, Category 8: Upstream leased assets (metric tons CO<sub>2</sub>e)**

**Base year Scope 3, Category 9: Downstream transportation and distribution emissions covered by target as % of total base year emissions in Scope 3, Category 9: Downstream transportation and distribution (metric tons CO<sub>2</sub>e)**

**Base year Scope 3, Category 10: Processing of sold products emissions covered by target as % of total base year emissions in Scope 3, Category 10: Processing of sold products (metric tons CO<sub>2</sub>e)**



**Base year Scope 3, Category 11: Use of sold products emissions covered by target as % of total base year emissions in Scope 3, Category 11: Use of sold products (metric tons CO2e)**

**Base year Scope 3, Category 12: End-of-life treatment of sold products emissions covered by target as % of total base year emissions in Scope 3, Category 12: End-of-life treatment of sold products (metric tons CO2e)**

**Base year Scope 3, Category 13: Downstream leased assets emissions covered by target as % of total base year emissions in Scope 3, Category 13: Downstream leased assets (metric tons CO2e)**

**Base year Scope 3, Category 14: Franchises emissions covered by target as % of total base year emissions in Scope 3, Category 14: Franchises (metric tons CO2e)**

**Base year Scope 3, Category 15: Investments emissions covered by target as % of total base year emissions in Scope 3, Category 15: Investments (metric tons CO2e)**

**Base year Scope 3, Other (upstream) emissions covered by target as % of total base year emissions in Scope 3, Other (upstream) (metric tons CO2e)**

**Base year Scope 3, Other (downstream) emissions covered by target as % of total base year emissions in Scope 3, Other (downstream) (metric tons CO2e)**

**Base year total Scope 3 emissions covered by target as % of total base year emissions in Scope 3 (in all Scope 3 categories)**

**Base year emissions covered by target in all selected Scopes as % of total base year emissions in all selected Scopes**

100

**Target year**

2030

**Targeted reduction from base year (%)**

60

**Total emissions in target year covered by target in all selected Scopes (metric tons CO<sub>2</sub>e) [auto-calculated]**

15,917.2

**Scope 1 emissions in reporting year covered by target (metric tons CO<sub>2</sub>e)**

28,607

**Scope 2 emissions in reporting year covered by target (metric tons CO<sub>2</sub>e)**

2,179

**Scope 3, Category 1: Purchased goods and services emissions in reporting year covered by target (metric tons CO<sub>2</sub>e)**

**Scope 3, Category 2: Capital goods emissions in reporting year covered by target (metric tons CO<sub>2</sub>e)**

**Scope 3, Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2) emissions in reporting year covered by target (metric tons CO<sub>2</sub>e)**

**Scope 3, Category 4: Upstream transportation and distribution emissions in reporting year covered by target (metric tons CO<sub>2</sub>e)**

**Scope 3, Category 5: Waste generated in operations emissions in reporting year covered by target (metric tons CO<sub>2</sub>e)**

**Scope 3, Category 6: Business travel emissions in reporting year covered by target (metric tons CO<sub>2</sub>e)**

**Scope 3, Category 7: Employee commuting emissions in reporting year covered by target (metric tons CO<sub>2</sub>e)**

**Scope 3, Category 8: Upstream leased assets emissions in reporting year covered by target (metric tons CO<sub>2</sub>e)**

**Scope 3, Category 9: Downstream transportation and distribution emissions in reporting year covered by target (metric tons CO<sub>2</sub>e)**

**Scope 3, Category 10: Processing of sold products emissions in reporting year covered by target (metric tons CO<sub>2</sub>e)**

**Scope 3, Category 11: Use of sold products emissions in reporting year covered by target (metric tons CO2e)**

**Scope 3, Category 12: End-of-life treatment of sold products emissions in reporting year covered by target (metric tons CO2e)**

**Scope 3, Category 13: Downstream leased assets emissions in reporting year covered by target (metric tons CO2e)**

**Scope 3, Category 14: Franchises emissions in reporting year covered by target (metric tons CO2e)**

**Scope 3, Category 15: Investments emissions in reporting year covered by target (metric tons CO2e)**

**Scope 3, Other (upstream) emissions in reporting year covered by target (metric tons CO2e)**

**Scope 3, Other (downstream) emissions in reporting year covered by target (metric tons CO2e)**

**Total Scope 3 emissions in reporting year covered by target (metric tons CO2e)**

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

30,786

**Does this target cover any land-related emissions?**

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

**% of target achieved relative to base year [auto-calculated]**

37.7243903869

**Target status in reporting year**

Underway

**Please explain target coverage and identify any exclusions**

The target covers all Scope 1 and 2 emissions across all operations of Abdi İbrahim.  
There are no exclusions.

**Plan for achieving target, and progress made to the end of the reporting year**

Scope 2 emissions are reduced by procuring renewable electricity. The remaining emissions in Scope 1 will be reduced by transitioning to electric and hybrid vehicles for our fleet.

**List the emissions reduction initiatives which contributed most to achieving this target**

---

**Target reference number**

Abs 2

**Is this a science-based target?**

Yes, and this target has been approved by the Science Based Targets initiative

**Target ambition**

1.5°C aligned

**Year target was set**

2021

**Target coverage**

Company-wide

**Scope(s)**

Scope 3

**Scope 2 accounting method**

**Scope 3 category(ies)**

Category 1: Purchased goods and services

Category 2: Capital goods

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

Category 4: Upstream transportation and distribution

Category 5: Waste generated in operations

Category 6: Business travel

Category 7: Employee commuting

Category 9: Downstream transportation and distribution

Category 12: End-of-life treatment of sold products

Category 15: Investments

**Base year**

2020

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

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

**Base year Scope 3, Category 1: Purchased goods and services emissions covered by target (metric tons CO2e)**

113,829

**Base year Scope 3, Category 2: Capital goods emissions covered by target (metric tons CO2e)**

34,210

**Base year Scope 3, Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2) emissions covered by target (metric tons CO2e)**

1,234

**Base year Scope 3, Category 4: Upstream transportation and distribution emissions covered by target (metric tons CO2e)**

4,336

**Base year Scope 3, Category 5: Waste generated in operations emissions covered by target (metric tons CO2e)**

32

**Base year Scope 3, Category 6: Business travel emissions covered by target (metric tons CO2e)**

623

**Base year Scope 3, Category 7: Employee commuting emissions covered by target (metric tons CO2e)**

701

**Base year Scope 3, Category 8: Upstream leased assets emissions covered by target (metric tons CO2e)**

**Base year Scope 3, Category 9: Downstream transportation and distribution emissions covered by target (metric tons CO2e)**

823

**Base year Scope 3, Category 10: Processing of sold products emissions covered by target (metric tons CO2e)**

**Base year Scope 3, Category 11: Use of sold products emissions covered by target (metric tons CO2e)**

**Base year Scope 3, Category 12: End-of-life treatment of sold products emissions covered by target (metric tons CO2e)**

699

**Base year Scope 3, Category 13: Downstream leased assets emissions covered by target (metric tons CO2e)**

**Base year Scope 3, Category 14: Franchises emissions covered by target (metric tons CO2e)**

**Base year Scope 3, Category 15: Investments emissions covered by target (metric tons CO2e)**

4,925

**Base year Scope 3, Other (upstream) emissions covered by target (metric tons CO2e)**

**Base year Scope 3, Other (downstream) emissions covered by target (metric tons CO2e)**

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

100

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

161,412

**Base year Scope 1 emissions covered by target as % of total base year emissions in Scope 1**

**Base year Scope 2 emissions covered by target as % of total base year emissions in Scope 2**

**Base year Scope 3, Category 1: Purchased goods and services emissions covered by target as % of total base year emissions in Scope 3, Category 1: Purchased goods and services (metric tons CO2e)**

100

**Base year Scope 3, Category 2: Capital goods emissions covered by target as % of total base year emissions in Scope 3, Category 2: Capital goods (metric tons CO2e)**

100

**Base year Scope 3, Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2) emissions covered by target as % of total base year emissions in Scope 3, Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2) (metric tons CO2e)**

100

**Base year Scope 3, Category 4: Upstream transportation and distribution covered by target as % of total base year emissions in Scope 3, Category 4: Upstream transportation and distribution (metric tons CO2e)**

100

**Base year Scope 3, Category 5: Waste generated in operations emissions covered by target as % of total base year emissions in Scope 3, Category 5: Waste generated in operations (metric tons CO2e)**

100

**Base year Scope 3, Category 6: Business travel emissions covered by target as % of total base year emissions in Scope 3, Category 6: Business travel (metric tons CO2e)**

100

**Base year Scope 3, Category 7: Employee commuting covered by target as % of total base year emissions in Scope 3, Category 7: Employee commuting (metric tons CO2e)**

100

**Base year Scope 3, Category 8: Upstream leased assets emissions covered by target as % of total base year emissions in Scope 3, Category 8: Upstream leased assets (metric tons CO2e)**

**Base year Scope 3, Category 9: Downstream transportation and distribution emissions covered by target as % of total base year emissions in Scope 3, Category 9: Downstream transportation and distribution (metric tons CO2e)**

100

**Base year Scope 3, Category 10: Processing of sold products emissions covered by target as % of total base year emissions in Scope 3, Category 10: Processing of sold products (metric tons CO2e)**

**Base year Scope 3, Category 11: Use of sold products emissions covered by target as % of total base year emissions in Scope 3, Category 11: Use of sold products (metric tons CO2e)**

**Base year Scope 3, Category 12: End-of-life treatment of sold products emissions covered by target as % of total base year emissions in Scope 3, Category 12: End-of-life treatment of sold products (metric tons CO2e)**

100

**Base year Scope 3, Category 13: Downstream leased assets emissions covered by target as % of total base year emissions in Scope 3, Category 13: Downstream leased assets (metric tons CO2e)**

**Base year Scope 3, Category 14: Franchises emissions covered by target as % of total base year emissions in Scope 3, Category 14: Franchises (metric tons CO2e)**

**Base year Scope 3, Category 15: Investments emissions covered by target as % of total base year emissions in Scope 3, Category 15: Investments (metric tons CO2e)**

100

**Base year Scope 3, Other (upstream) emissions covered by target as % of total base year emissions in Scope 3, Other (upstream) (metric tons CO2e)**

**Base year Scope 3, Other (downstream) emissions covered by target as % of total base year emissions in Scope 3, Other (downstream) (metric tons CO2e)**

**Base year total Scope 3 emissions covered by target as % of total base year emissions in Scope 3 (in all Scope 3 categories)**

100

**Base year emissions covered by target in all selected Scopes as % of total base year emissions in all selected Scopes**

100

**Target year**

2030

**Targeted reduction from base year (%)**

45

**Total emissions in target year covered by target in all selected Scopes (metric tons CO2e) [auto-calculated]**

88,776.6

**Scope 1 emissions in reporting year covered by target (metric tons CO2e)**



**Scope 2 emissions in reporting year covered by target (metric tons CO2e)**

**Scope 3, Category 1: Purchased goods and services emissions in reporting year covered by target (metric tons CO2e)**

31,354

**Scope 3, Category 2: Capital goods emissions in reporting year covered by target (metric tons CO2e)**

12,015

**Scope 3, Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2) emissions in reporting year covered by target (metric tons CO2e)**

5,742

**Scope 3, Category 4: Upstream transportation and distribution emissions in reporting year covered by target (metric tons CO2e)**

3,414

**Scope 3, Category 5: Waste generated in operations emissions in reporting year covered by target (metric tons CO2e)**

344

**Scope 3, Category 6: Business travel emissions in reporting year covered by target (metric tons CO2e)**

1,961

**Scope 3, Category 7: Employee commuting emissions in reporting year covered by target (metric tons CO2e)**

626

**Scope 3, Category 8: Upstream leased assets emissions in reporting year covered by target (metric tons CO2e)**

**Scope 3, Category 9: Downstream transportation and distribution emissions in reporting year covered by target (metric tons CO2e)**

890

**Scope 3, Category 10: Processing of sold products emissions in reporting year covered by target (metric tons CO2e)**

**Scope 3, Category 11: Use of sold products emissions in reporting year covered by target (metric tons CO2e)**

**Scope 3, Category 12: End-of-life treatment of sold products emissions in reporting year covered by target (metric tons CO2e)**

3,172

**Scope 3, Category 13: Downstream leased assets emissions in reporting year covered by target (metric tons CO2e)**

**Scope 3, Category 14: Franchises emissions in reporting year covered by target (metric tons CO2e)**

**Scope 3, Category 15: Investments emissions in reporting year covered by target (metric tons CO2e)**

0

**Scope 3, Other (upstream) emissions in reporting year covered by target (metric tons CO2e)**

**Scope 3, Other (downstream) emissions in reporting year covered by target (metric tons CO2e)**

**Total Scope 3 emissions in reporting year covered by target (metric tons CO2e)**

59,518

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

59,518

**Does this target cover any land-related emissions?**

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

**% of target achieved relative to base year [auto-calculated]**

140.281460555

**Target status in reporting year**

Achieved

**Please explain target coverage and identify any exclusions**

All relevant emission sources in our Scope 3 accounts are included. Our biggest sources of emissions in Scope 3 emissions are the capital goods and purchased goods categories.

**Plan for achieving target, and progress made to the end of the reporting year**

**List the emissions reduction initiatives which contributed most to achieving this target**

Emissions associated with capital goods and purchased goods and services reduces dramatically in this year. Our projects such as reducing the packaging size in the purchased goods section and switching to low-emission raw materials contributed to this target.

---

**Target reference number**

Abs 3

**Is this a science-based target?**

Yes, we consider this a science-based target, and we have committed to seek validation of this target by the Science Based Targets initiative in the next two years

**Target ambition**

1.5°C aligned

**Year target was set**

2022

**Target coverage**

Company-wide

**Scope(s)**

Scope 1

Scope 2

**Scope 2 accounting method**

Market-based

**Scope 3 category(ies)**

**Base year**

2020

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

17,766

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

22,027

**Base year Scope 3, Category 1: Purchased goods and services emissions covered by target (metric tons CO2e)**

**Base year Scope 3, Category 2: Capital goods emissions covered by target (metric tons CO2e)**

**Base year Scope 3, Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2) emissions covered by target (metric tons CO2e)**

**Base year Scope 3, Category 4: Upstream transportation and distribution emissions covered by target (metric tons CO2e)**

**Base year Scope 3, Category 5: Waste generated in operations emissions covered by target (metric tons CO2e)**

**Base year Scope 3, Category 6: Business travel emissions covered by target (metric tons CO2e)**

**Base year Scope 3, Category 7: Employee commuting emissions covered by target (metric tons CO2e)**

**Base year Scope 3, Category 8: Upstream leased assets emissions covered by target (metric tons CO2e)**

**Base year Scope 3, Category 9: Downstream transportation and distribution emissions covered by target (metric tons CO2e)**

**Base year Scope 3, Category 10: Processing of sold products emissions covered by target (metric tons CO2e)**

**Base year Scope 3, Category 11: Use of sold products emissions covered by target (metric tons CO2e)**

**Base year Scope 3, Category 12: End-of-life treatment of sold products emissions covered by target (metric tons CO2e)**

**Base year Scope 3, Category 13: Downstream leased assets emissions covered by target (metric tons CO2e)**

**Base year Scope 3, Category 14: Franchises emissions covered by target (metric tons CO2e)**

**Base year Scope 3, Category 15: Investments emissions covered by target (metric tons CO2e)**

**Base year Scope 3, Other (upstream) emissions covered by target (metric tons CO2e)**

**Base year Scope 3, Other (downstream) emissions covered by target (metric tons CO2e)**

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

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

39,793

**Base year Scope 1 emissions covered by target as % of total base year emissions in Scope 1**

100

**Base year Scope 2 emissions covered by target as % of total base year emissions in Scope 2**

100

**Base year Scope 3, Category 1: Purchased goods and services emissions covered by target as % of total base year emissions in Scope 3, Category 1: Purchased goods and services (metric tons CO2e)**

**Base year Scope 3, Category 2: Capital goods emissions covered by target as % of total base year emissions in Scope 3, Category 2: Capital goods (metric tons CO2e)**

**Base year Scope 3, Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2) emissions covered by target as % of total base year emissions in Scope 3, Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2) (metric tons CO2e)**

**Base year Scope 3, Category 4: Upstream transportation and distribution covered by target as % of total base year emissions in Scope 3, Category 4: Upstream transportation and distribution (metric tons CO2e)**

**Base year Scope 3, Category 5: Waste generated in operations emissions covered by target as % of total base year emissions in Scope 3, Category 5: Waste generated in operations (metric tons CO<sub>2</sub>e)**

**Base year Scope 3, Category 6: Business travel emissions covered by target as % of total base year emissions in Scope 3, Category 6: Business travel (metric tons CO<sub>2</sub>e)**

**Base year Scope 3, Category 7: Employee commuting covered by target as % of total base year emissions in Scope 3, Category 7: Employee commuting (metric tons CO<sub>2</sub>e)**

**Base year Scope 3, Category 8: Upstream leased assets emissions covered by target as % of total base year emissions in Scope 3, Category 8: Upstream leased assets (metric tons CO<sub>2</sub>e)**

**Base year Scope 3, Category 9: Downstream transportation and distribution emissions covered by target as % of total base year emissions in Scope 3, Category 9: Downstream transportation and distribution (metric tons CO<sub>2</sub>e)**

**Base year Scope 3, Category 10: Processing of sold products emissions covered by target as % of total base year emissions in Scope 3, Category 10: Processing of sold products (metric tons CO<sub>2</sub>e)**

**Base year Scope 3, Category 11: Use of sold products emissions covered by target as % of total base year emissions in Scope 3, Category 11: Use of sold products (metric tons CO<sub>2</sub>e)**

**Base year Scope 3, Category 12: End-of-life treatment of sold products emissions covered by target as % of total base year emissions in Scope 3, Category 12: End-of-life treatment of sold products (metric tons CO<sub>2</sub>e)**

**Base year Scope 3, Category 13: Downstream leased assets emissions covered by target as % of total base year emissions in Scope 3, Category 13: Downstream leased assets (metric tons CO<sub>2</sub>e)**

**Base year Scope 3, Category 14: Franchises emissions covered by target as % of total base year emissions in Scope 3, Category 14: Franchises (metric tons CO2e)**

**Base year Scope 3, Category 15: Investments emissions covered by target as % of total base year emissions in Scope 3, Category 15: Investments (metric tons CO2e)**

**Base year Scope 3, Other (upstream) emissions covered by target as % of total base year emissions in Scope 3, Other (upstream) (metric tons CO2e)**

**Base year Scope 3, Other (downstream) emissions covered by target as % of total base year emissions in Scope 3, Other (downstream) (metric tons CO2e)**

**Base year total Scope 3 emissions covered by target as % of total base year emissions in Scope 3 (in all Scope 3 categories)**

**Base year emissions covered by target in all selected Scopes as % of total base year emissions in all selected Scopes**

100

**Target year**

2040

**Targeted reduction from base year (%)**

75

**Total emissions in target year covered by target in all selected Scopes (metric tons CO2e) [auto-calculated]**

9,948.25

**Scope 1 emissions in reporting year covered by target (metric tons CO2e)**

28,607

**Scope 2 emissions in reporting year covered by target (metric tons CO2e)**

2,179

**Scope 3, Category 1: Purchased goods and services emissions in reporting year covered by target (metric tons CO2e)**

**Scope 3, Category 2: Capital goods emissions in reporting year covered by target (metric tons CO2e)**

**Scope 3, Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2) emissions in reporting year covered by target (metric tons CO2e)**

**Scope 3, Category 4: Upstream transportation and distribution emissions in reporting year covered by target (metric tons CO2e)**

**Scope 3, Category 5: Waste generated in operations emissions in reporting year covered by target (metric tons CO2e)**

**Scope 3, Category 6: Business travel emissions in reporting year covered by target (metric tons CO2e)**

**Scope 3, Category 7: Employee commuting emissions in reporting year covered by target (metric tons CO2e)**

**Scope 3, Category 8: Upstream leased assets emissions in reporting year covered by target (metric tons CO2e)**

**Scope 3, Category 9: Downstream transportation and distribution emissions in reporting year covered by target (metric tons CO2e)**

**Scope 3, Category 10: Processing of sold products emissions in reporting year covered by target (metric tons CO2e)**

**Scope 3, Category 11: Use of sold products emissions in reporting year covered by target (metric tons CO2e)**

**Scope 3, Category 12: End-of-life treatment of sold products emissions in reporting year covered by target (metric tons CO2e)**

**Scope 3, Category 13: Downstream leased assets emissions in reporting year covered by target (metric tons CO2e)**

**Scope 3, Category 14: Franchises emissions in reporting year covered by target (metric tons CO2e)**



**Scope 3, Category 15: Investments emissions in reporting year covered by target (metric tons CO2e)**

**Scope 3, Other (upstream) emissions in reporting year covered by target (metric tons CO2e)**

**Scope 3, Other (downstream) emissions in reporting year covered by target (metric tons CO2e)**

**Total Scope 3 emissions in reporting year covered by target (metric tons CO2e)**

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

30,786

**Does this target cover any land-related emissions?**

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

**% of target achieved relative to base year [auto-calculated]**

30.1795123095

**Target status in reporting year**

New

**Please explain target coverage and identify any exclusions**

This target covers all Scope 1 and 2 emissions, there are no exclusions.

**Plan for achieving target, and progress made to the end of the reporting year**

We will continue procuring renewable electricity, transition to electric vehicles and investments in energy efficiency.

**List the emissions reduction initiatives which contributed most to achieving this target**

---

**Target reference number**

Abs 4

**Is this a science-based target?**

Yes, we consider this a science-based target, and we have committed to seek validation of this target by the Science Based Targets initiative in the next two years

**Target ambition**

1.5°C aligned

**Year target was set**

2022

**Target coverage**

Company-wide

**Scope(s)**

Scope 3

**Scope 2 accounting method**

**Scope 3 category(ies)**

Category 1: Purchased goods and services

Category 2: Capital goods

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

Category 4: Upstream transportation and distribution

Category 5: Waste generated in operations

Category 6: Business travel

Category 7: Employee commuting

Category 9: Downstream transportation and distribution

Category 12: End-of-life treatment of sold products

Category 15: Investments

**Base year**

2020

**Base year Scope 1 emissions covered by target (metric tons CO<sub>2</sub>e)**

**Base year Scope 2 emissions covered by target (metric tons CO<sub>2</sub>e)**

**Base year Scope 3, Category 1: Purchased goods and services emissions covered by target (metric tons CO<sub>2</sub>e)**

113,829

**Base year Scope 3, Category 2: Capital goods emissions covered by target (metric tons CO<sub>2</sub>e)**

34,210

**Base year Scope 3, Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2) emissions covered by target (metric tons CO<sub>2</sub>e)**

1,234

**Base year Scope 3, Category 4: Upstream transportation and distribution emissions covered by target (metric tons CO<sub>2</sub>e)**

4,336

**Base year Scope 3, Category 5: Waste generated in operations emissions covered by target (metric tons CO2e)**

32

**Base year Scope 3, Category 6: Business travel emissions covered by target (metric tons CO2e)**

623

**Base year Scope 3, Category 7: Employee commuting emissions covered by target (metric tons CO2e)**

701

**Base year Scope 3, Category 8: Upstream leased assets emissions covered by target (metric tons CO2e)**

**Base year Scope 3, Category 9: Downstream transportation and distribution emissions covered by target (metric tons CO2e)**

823

**Base year Scope 3, Category 10: Processing of sold products emissions covered by target (metric tons CO2e)**

**Base year Scope 3, Category 11: Use of sold products emissions covered by target (metric tons CO2e)**

**Base year Scope 3, Category 12: End-of-life treatment of sold products emissions covered by target (metric tons CO2e)**

699

**Base year Scope 3, Category 13: Downstream leased assets emissions covered by target (metric tons CO2e)**

**Base year Scope 3, Category 14: Franchises emissions covered by target (metric tons CO2e)**

**Base year Scope 3, Category 15: Investments emissions covered by target (metric tons CO2e)**

4,925

**Base year Scope 3, Other (upstream) emissions covered by target (metric tons CO2e)**

**Base year Scope 3, Other (downstream) emissions covered by target (metric tons CO2e)**

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

161,412

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

161,412

**Base year Scope 1 emissions covered by target as % of total base year emissions in Scope 1**

**Base year Scope 2 emissions covered by target as % of total base year emissions in Scope 2**

**Base year Scope 3, Category 1: Purchased goods and services emissions covered by target as % of total base year emissions in Scope 3, Category 1: Purchased goods and services (metric tons CO2e)**

100

**Base year Scope 3, Category 2: Capital goods emissions covered by target as % of total base year emissions in Scope 3, Category 2: Capital goods (metric tons CO2e)**

100

**Base year Scope 3, Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2) emissions covered by target as % of total base year emissions in Scope 3, Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2) (metric tons CO2e)**

100

**Base year Scope 3, Category 4: Upstream transportation and distribution covered by target as % of total base year emissions in Scope 3, Category 4: Upstream transportation and distribution (metric tons CO2e)**

100

**Base year Scope 3, Category 5: Waste generated in operations emissions covered by target as % of total base year emissions in Scope 3, Category 5: Waste generated in operations (metric tons CO2e)**

100

**Base year Scope 3, Category 6: Business travel emissions covered by target as % of total base year emissions in Scope 3, Category 6: Business travel (metric tons CO2e)**

100

**Base year Scope 3, Category 7: Employee commuting covered by target as % of total base year emissions in Scope 3, Category 7: Employee commuting (metric tons CO2e)**

100

**Base year Scope 3, Category 8: Upstream leased assets emissions covered by target as % of total base year emissions in Scope 3, Category 8: Upstream leased assets (metric tons CO2e)**

**Base year Scope 3, Category 9: Downstream transportation and distribution emissions covered by target as % of total base year emissions in Scope 3, Category 9: Downstream transportation and distribution (metric tons CO2e)**

100

**Base year Scope 3, Category 10: Processing of sold products emissions covered by target as % of total base year emissions in Scope 3, Category 10: Processing of sold products (metric tons CO2e)**

**Base year Scope 3, Category 11: Use of sold products emissions covered by target as % of total base year emissions in Scope 3, Category 11: Use of sold products (metric tons CO2e)**

**Base year Scope 3, Category 12: End-of-life treatment of sold products emissions covered by target as % of total base year emissions in Scope 3, Category 12: End-of-life treatment of sold products (metric tons CO2e)**

100

**Base year Scope 3, Category 13: Downstream leased assets emissions covered by target as % of total base year emissions in Scope 3, Category 13: Downstream leased assets (metric tons CO2e)**

**Base year Scope 3, Category 14: Franchises emissions covered by target as % of total base year emissions in Scope 3, Category 14: Franchises (metric tons CO2e)**

**Base year Scope 3, Category 15: Investments emissions covered by target as % of total base year emissions in Scope 3, Category 15: Investments (metric tons CO2e)**

100

**Base year Scope 3, Other (upstream) emissions covered by target as % of total base year emissions in Scope 3, Other (upstream) (metric tons CO2e)**

**Base year Scope 3, Other (downstream) emissions covered by target as % of total base year emissions in Scope 3, Other (downstream) (metric tons CO2e)**

**Base year total Scope 3 emissions covered by target as % of total base year emissions in Scope 3 (in all Scope 3 categories)**

100

**Base year emissions covered by target in all selected Scopes as % of total base year emissions in all selected Scopes**

100

**Target year**

2040

**Targeted reduction from base year (%)**

60

**Total emissions in target year covered by target in all selected Scopes (metric tons CO2e) [auto-calculated]**

64,564.8

**Scope 1 emissions in reporting year covered by target (metric tons CO2e)**

**Scope 2 emissions in reporting year covered by target (metric tons CO2e)**

**Scope 3, Category 1: Purchased goods and services emissions in reporting year covered by target (metric tons CO2e)**

31,354

**Scope 3, Category 2: Capital goods emissions in reporting year covered by target (metric tons CO2e)**

12,015

**Scope 3, Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2) emissions in reporting year covered by target (metric tons CO2e)**

5,742

**Scope 3, Category 4: Upstream transportation and distribution emissions in reporting year covered by target (metric tons CO2e)**

3,414

**Scope 3, Category 5: Waste generated in operations emissions in reporting year covered by target (metric tons CO2e)**

344

**Scope 3, Category 6: Business travel emissions in reporting year covered by target (metric tons CO2e)**

1,961

**Scope 3, Category 7: Employee commuting emissions in reporting year covered by target (metric tons CO2e)**

626

**Scope 3, Category 8: Upstream leased assets emissions in reporting year covered by target (metric tons CO2e)**

**Scope 3, Category 9: Downstream transportation and distribution emissions in reporting year covered by target (metric tons CO2e)**

890

**Scope 3, Category 10: Processing of sold products emissions in reporting year covered by target (metric tons CO2e)**

**Scope 3, Category 11: Use of sold products emissions in reporting year covered by target (metric tons CO2e)**

**Scope 3, Category 12: End-of-life treatment of sold products emissions in reporting year covered by target (metric tons CO2e)**

3,172

**Scope 3, Category 13: Downstream leased assets emissions in reporting year covered by target (metric tons CO2e)**

**Scope 3, Category 14: Franchises emissions in reporting year covered by target (metric tons CO2e)**

**Scope 3, Category 15: Investments emissions in reporting year covered by target (metric tons CO2e)**

0

**Scope 3, Other (upstream) emissions in reporting year covered by target (metric tons CO2e)**

**Scope 3, Other (downstream) emissions in reporting year covered by target  
(metric tons CO2e)**

**Total Scope 3 emissions in reporting year covered by target (metric tons  
CO2e)**

59,518

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

59,518

**Does this target cover any land-related emissions?**

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

**% of target achieved relative to base year [auto-calculated]**

105.2110954163

**Target status in reporting year**

Achieved

**Please explain target coverage and identify any exclusions**

This target is already achieved. However, with the planned increase in manufacturing volume, the target will stay relevant in the years to come until 2040.

**Plan for achieving target, and progress made to the end of the reporting year**

**List the emissions reduction initiatives which contributed most to achieving  
this target**

Reduced emissions due to reduced purchases of products contributed the most to this target.

## C4.2

**(C4.2) Did you have any other climate-related targets that were active in the reporting year?**

Net-zero target(s)

## C4.2c

**(C4.2c) Provide details of your net-zero target(s).**

---

**Target reference number**

NZ1

**Target coverage**



Company-wide

**Absolute/intensity emission target(s) linked to this net-zero target**

Abs1

Abs2

**Target year for achieving net zero**

2050

**Is this a science-based target?**

Yes, we consider this a science-based target, and we have committed to seek validation of this target by the Science Based Targets initiative in the next two years

**Please explain target coverage and identify any exclusions**

The target covers all relevant emissions, with no exclusions.

**Do you intend to neutralize any unabated emissions with permanent carbon removals at the target year?**

Unsure

**Planned milestones and/or near-term investments for neutralization at target year**

**Planned actions to mitigate emissions beyond your value chain (optional)**

Currently under review.

### C4.3

**(C4.3) 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.**

Yes

### C4.3a

**(C4.3a) Identify the total number of initiatives at each stage of development, and for those in the implementation stages, the estimated CO2e savings.**

	Number of initiatives	Total estimated annual CO2e savings in metric tonnes CO2e (only for rows marked *)
Under investigation	0	0
To be implemented*	0	0
Implementation commenced*	0	0
Implemented*	2	25,479
Not to be implemented	0	0

## C4.3b

**(C4.3b) Provide details on the initiatives implemented in the reporting year in the table below.**

---

**Initiative category & Initiative type**

Low-carbon energy generation  
Solar PV

**Estimated annual CO<sub>2</sub>e savings (metric tonnes CO<sub>2</sub>e)**

13

**Scope(s) or Scope 3 category(ies) where emissions savings occur**

Scope 2 (location-based)  
Scope 2 (market-based)

**Voluntary/Mandatory**

Voluntary

**Annual monetary savings (unit currency – as specified in C0.4)**

42,715

**Investment required (unit currency – as specified in C0.4)**

299,005

**Payback period**

4-10 years

**Estimated lifetime of the initiative**

16-20 years

**Comment**

The use of solar PV electricity generation led us to reduce our GHG emissions from electricity consumption. The average cost of electricity was assumed to be 2.17 TRY/kWH and an average payback period of 7 years were assumed for the calculations.

---

**Initiative category & Initiative type**

Low-carbon energy consumption  
Low-carbon electricity mix

**Estimated annual CO<sub>2</sub>e savings (metric tonnes CO<sub>2</sub>e)**

25,466

**Scope(s) or Scope 3 category(ies) where emissions savings occur**

Scope 2 (market-based)

**Voluntary/Mandatory**

Voluntary

**Annual monetary savings (unit currency – as specified in C0.4)**

0

**Investment required (unit currency – as specified in C0.4)**

166,716

**Payback period**

No payback

**Estimated lifetime of the initiative**

Ongoing

**Comment**

We are procuring renewable electricity, certified with i-REC certification, for reducing our market-based scope 2 GHG emissions. The investment required reflects spending for certification costs.

## C4.3c

**(C4.3c) What methods do you use to drive investment in emissions reduction activities?**

Method	Comment
Dedicated budget for other emissions reduction activities	Within our investment budgets, special expenditure budgets can be created depending on the low-carbon transition plan. Within this scope, our electricity/energy budget, which was purchased in the first emission reduction initiative mentioned above, was created.
Dedicated budget for low-carbon product R&D	In the second emission reduction initiative mentioned above, software and mold investments were made to change the packaging sizes and shapes. A budget has been created for this project.

## C4.5

**(C4.5) Do you classify any of your existing goods and/or services as low-carbon products?**

Yes

## C4.5a

**(C4.5a) Provide details of your products and/or services that you classify as low-carbon products.**

---

**Level of aggregation**

Product or service

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

Other, please specify

Company Specific Categorization

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

Other

Other, please specify

Medicine

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

We reduced the use of materials by reducing the packaging sizes in some of our product groups. In the second phase of the project, raw materials will be replaced with low-carbon raw materials. These products within the scope of the project are classified as low-carbon products.

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

Yes

**Methodology used to calculate avoided emissions**

Estimating and Reporting the Comparative Emissions Impacts of Products (WRI)

**Life cycle stage(s) covered for the low-carbon product(s) or services(s)**

Cradle-to-grave

**Functional unit used**

per box

**Reference product/service or baseline scenario used**

conventional packaging size and shape of products within the scope of the project

**Life cycle stage(s) covered for the reference product/service or baseline scenario**

Cradle-to-grave

**Estimated avoided emissions (metric tons CO<sub>2</sub>e per functional unit) compared to reference product/service or baseline scenario**

0.000006

**Explain your calculation of avoided emissions, including any assumptions**

From the LCA perspective, the emissions avoided from the reduction in the amount of packaging are calculated and divided by the total number of boxes.

**Revenue generated from low-carbon product(s) or service(s) as % of total revenue in the reporting year**

12

## C5. Emissions methodology

### C5.1

(C5.1) Is this your first year of reporting emissions data to CDP?

No

### C5.1a

(C5.1a) 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?

Row 1

Has there been a structural change?

No

### C5.1b

(C5.1b) Has your emissions accounting methodology, boundary, and/or reporting year definition changed in the reporting year?

Change(s) in methodology, boundary, and/or reporting year definition?	
Row 1	No

### C5.2

(C5.2) Provide your base year and base year emissions.

Scope 1

**Base year start**

January 1, 2020

**Base year end**

December 31, 2020

**Base year emissions (metric tons CO<sub>2</sub>e)**

17,766

**Comment**

Our Scope 1 emissions cover emissions from mobile combustion, stationary combustion and the use of refrigerant gases. We do not have process emissions.

Scope 2 (location-based)

**Base year start**

January 1, 2020

**Base year end**

December 31, 2020

**Base year emissions (metric tons CO<sub>2</sub>e)**

22,027

**Comment**

Scope 2 emissions include emissions related to electricity use.

**Scope 2 (market-based)**

---

**Base year start**

January 1, 2020

**Base year end**

December 31, 2020

**Base year emissions (metric tons CO<sub>2</sub>e)**

22,027

**Comment**

Scope 2 emissions include emissions related to electricity use.

**Scope 3 category 1: Purchased goods and services**

---

**Base year start**

January 1, 2020

**Base year end**

December 31, 2020

**Base year emissions (metric tons CO<sub>2</sub>e)**

113,829

**Comment**

Emissions from the production of purchased packaging materials (corrugated board boxes, paper, pallets, glass bottles, plastics, aluminium) and pharmaceutical raw materials are calculated under this category. In the calculations, Abdi İbrahim's purchasing data obtained from suppliers was used as primary data and DEFRA emissions factors were used to calculate total emissions.

**Scope 3 category 2: Capital goods**

---

**Base year start**

January 1, 2020

**Base year end**

December 31, 2020

**Base year emissions (metric tons CO2e)**

34,210

**Comment**

Emissions from purchased machinery, equipment, buildings, and vehicles are calculated under the capital goods category. Financial-based emission factors are used to calculate emissions in this category. Emission factors were obtained from input-output databases.

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

---

**Base year start**

January 1, 2020

**Base year end**

December 31, 2020

**Base year emissions (metric tons CO2e)**

1,234

**Comment**

T&D losses related to electricity and WTT emissions of fuels included in scope 1 are calculated under this category. Emission factors are taken from DEFRA.

**Scope 3 category 4: Upstream transportation and distribution**

---

**Base year start**

January 1, 2020

**Base year end**

December 31, 2020

**Base year emissions (metric tons CO2e)**

4,336

**Comment**

Emissions from the transportation of purchased raw materials have been calculated under this category.

**Scope 3 category 5: Waste generated in operations**

---

**Base year start**

January 1, 2020

**Base year end**

December 31, 2020

**Base year emissions (metric tons CO2e)**

32

**Comment**

Waste generated during production and emissions from wastewater were calculated under this category.

**Scope 3 category 6: Business travel**

---

**Base year start**

January 1, 2020

**Base year end**

December 31, 2020

**Base year emissions (metric tons CO2e)**

623

**Comment**

Emissions from business travel made by airplane have been calculated under this category. Business travels with company vehicles are calculated as mobile combustion under scope 1.

**Scope 3 category 7: Employee commuting**

---

**Base year start**

January 1, 2020

**Base year end**

December 31, 2020

**Base year emissions (metric tons CO2e)**

701

**Comment**

Under this category, emissions sourced from employee commuting are calculated based on the distance covered by the service vehicles.

**Scope 3 category 8: Upstream leased assets**

---

**Base year start**

January 1, 2020

**Base year end**

December 31, 2020

**Base year emissions (metric tons CO2e)**

**Comment**

The category of upstream leased assets is not relevant to us. There are no leased assets in our business model.

**Scope 3 category 9: Downstream transportation and distribution**

---



**Base year start**

January 1, 2020

**Base year end**

December 31, 2020

**Base year emissions (metric tons CO2e)**

823

**Comment**

Emissions from the transportation of sold products have been calculated under this category.

**Scope 3 category 10: Processing of sold products**

---

**Base year start**

January 1, 2020

**Base year end**

December 31, 2020

**Base year emissions (metric tons CO2e)**

**Comment**

There is no process needed for our sold products.

**Scope 3 category 11: Use of sold products**

---

**Base year start**

January 1, 2020

**Base year end**

December 31, 2020

**Base year emissions (metric tons CO2e)**

**Comment**

There is no emission in the use phase of our products.

**Scope 3 category 12: End of life treatment of sold products**

---

**Base year start**

January 1, 2020

**Base year end**

December 31, 2020

**Base year emissions (metric tons CO2e)**

699

**Comment**

Emissions sourced from the disposal of the packaging of the sold products are calculated under this category. It is accepted that 100% of medicines are consumed by people (human intake).

**Scope 3 category 13: Downstream leased assets**

---

**Base year start**

January 1, 2020

**Base year end**

December 31, 2020

**Base year emissions (metric tons CO2e)**

**Comment**

The category of downstream leased assets is not relevant for us. There are no leased assets in our business model.

**Scope 3 category 14: Franchises**

---

**Base year start**

January 1, 2020

**Base year end**

December 31, 2020

**Base year emissions (metric tons CO2e)**

**Comment**

There is no franchise system in our business model.

**Scope 3 category 15: Investments**

---

**Base year start**

January 1, 2020

**Base year end**

December 31, 2020

**Base year emissions (metric tons CO2e)**

4,925

**Comment**

Scope 1 and 2 emissions of our investments over which we have no operational control have been calculated under this category.

**Scope 3: Other (upstream)**

---

**Base year start**

**Base year end**

**Base year emissions (metric tons CO2e)**

**Comment**

**Scope 3: Other (downstream)**

---

**Base year start**

**Base year end**

**Base year emissions (metric tons CO2e)**

**Comment**

## C5.3

**(C5.3) Select the name of the standard, protocol, or methodology you have used to collect activity data and calculate emissions.**

IEA CO2 Emissions from Fuel Combustion

IPCC Guidelines for National Greenhouse Gas Inventories, 2006

ISO 14064-1

The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (Revised Edition)

The Greenhouse Gas Protocol: Scope 2 Guidance

The Greenhouse Gas Protocol: Corporate Value Chain (Scope 3) Standard

## C6. Emissions data

### C6.1

**(C6.1) What were your organization's gross global Scope 1 emissions in metric tons CO2e?**

**Reporting year**

---

**Gross global Scope 1 emissions (metric tons CO2e)**

28,607

**Comment**

Our Scope 1 emissions cover emissions from mobile combustion, stationary combustion, fire extinguishers and the use of refrigerant gas. We do not have process emissions.

## C6.2

**(C6.2) Describe your organization's approach to reporting Scope 2 emissions.**

**Row 1**

---

**Scope 2, location-based**

We are reporting a Scope 2, location-based figure

**Scope 2, market-based**

We are reporting a Scope 2, market-based figure

**Comment**

Both location based and market based Scope 2 emissions are reported.

## C6.3

**(C6.3) What were your organization's gross global Scope 2 emissions in metric tons CO<sub>2</sub>e?**

**Reporting year**

---

**Scope 2, location-based**

27,645

**Scope 2, market-based (if applicable)**

2,179

**Comment**

Both location based and market based Scope 2 emissions are reported.

## C6.4

**(C6.4) Are there any sources (e.g. facilities, specific GHGs, activities, geographies, etc.) of Scope 1, Scope 2 or Scope 3 emissions that are within your selected reporting boundary which are not included in your disclosure?**

No

## C6.5

**(C6.5) Account for your organization's gross global Scope 3 emissions, disclosing and explaining any exclusions.**

## Purchased goods and services

---

### Evaluation status

Relevant, calculated

### Emissions in reporting year (metric tons CO<sub>2</sub>e)

31,354

### Emissions calculation methodology

Hybrid method

Average product method

### Percentage of emissions calculated using data obtained from suppliers or value chain partners

100

### Please explain

Emissions from the production of purchased packaging materials (corrugated board boxes, paper, pallets, glass bottles, plastics, aluminum) and pharmaceutical raw materials are calculated under this category. In the calculations, Abdi İbrahim's purchasing data obtained from suppliers was used as primary data and DEFRA emissions factors were used to calculate total emissions.

## Capital goods

---

### Evaluation status

Relevant, calculated

### Emissions in reporting year (metric tons CO<sub>2</sub>e)

12,015

### Emissions calculation methodology

Spend-based method

### Percentage of emissions calculated using data obtained from suppliers or value chain partners

0

### Please explain

Emissions from purchased machinery, equipment, buildings, and vehicles are calculated under the capital goods category. Financial-based emission factors are used to calculate emissions in this category. Emission factors were obtained from EPA.

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

---

### Evaluation status

Relevant, calculated

### Emissions in reporting year (metric tons CO<sub>2</sub>e)

5,742

### **Emissions calculation methodology**

Fuel-based method

### **Percentage of emissions calculated using data obtained from suppliers or value chain partners**

0

### **Please explain**

T&D losses related to electricity and WTT emissions of fuels included in scope 1 are calculated under this category. Emission factors are taken from DEFRA.

## **Upstream transportation and distribution**

---

### **Evaluation status**

Relevant, calculated

### **Emissions in reporting year (metric tons CO2e)**

3,414

### **Emissions calculation methodology**

Hybrid method  
Average data method

### **Percentage of emissions calculated using data obtained from suppliers or value chain partners**

0

### **Please explain**

Emissions from the transportation of purchased raw materials have been calculated.

## **Waste generated in operations**

---

### **Evaluation status**

Relevant, calculated

### **Emissions in reporting year (metric tons CO2e)**

344

### **Emissions calculation methodology**

Average data method  
Waste-type-specific method

### **Percentage of emissions calculated using data obtained from suppliers or value chain partners**

0

### **Please explain**

Emissions due to waste generated during manufacturing activities were calculated.

## **Business travel**

---

**Evaluation status**

Relevant, calculated

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

1,961

**Emissions calculation methodology**

Average data method

Distance-based method

**Percentage of emissions calculated using data obtained from suppliers or value chain partners**

0

**Please explain**

Emissions from business air travel and hotel accommodations have been calculated.

**Employee commuting**

---

**Evaluation status**

Relevant, calculated

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

626

**Emissions calculation methodology**

Distance-based method

**Percentage of emissions calculated using data obtained from suppliers or value chain partners**

0

**Please explain**

Emissions sourced from employee commuting are calculated based on the distance covered by employee shuttles.

**Upstream leased assets**

---

**Evaluation status**

Not relevant, explanation provided

**Please explain**

The category of Upstream leased assets is not relevant to us. There are no leased assets in our business.

**Downstream transportation and distribution**

---

**Evaluation status**

Relevant, calculated

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

890

**Emissions calculation methodology**

Average data method

Distance-based method

**Percentage of emissions calculated using data obtained from suppliers or value chain partners**

0

**Please explain**

Emissions from the transportation of sold products have been calculated.

**Processing of sold products**

---

**Evaluation status**

Not relevant, explanation provided

**Please explain**

There is no process needed for our sold products. Abdi İbrahim's products are medicine products that don't require any processing before use.

**Use of sold products**

---

**Evaluation status**

Not relevant, explanation provided

**Please explain**

There are no emissions related to the use of Abdi İbrahim's products. Abdi İbrahim's products are medicine products that don't cause any emissions during use.

**End of life treatment of sold products**

---

**Evaluation status**

Relevant, calculated

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

3,172

**Emissions calculation methodology**

Average data method

**Percentage of emissions calculated using data obtained from suppliers or value chain partners**

0

**Please explain**

Emissions sourced from the disposal of the packaging of the sold products are calculated.

**Downstream leased assets**

---



**Evaluation status**

Not relevant, explanation provided

**Please explain**

The category of downstream leased assets is not relevant to us. There are no downstream leased assets in our business.

**Franchises**

---

**Evaluation status**

Not relevant, explanation provided

**Please explain**

There is no franchise system in our business.

**Investments**

---

**Evaluation status**

Relevant, calculated

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

0

**Emissions calculation methodology**

Investment-specific method

**Percentage of emissions calculated using data obtained from suppliers or value chain partners**

0

**Please explain**

Each year, if there are any investments made, Scope 1 and 2 emissions of the investments are added to our inventory. This year there were no investments made by Abdi İbrahim thus there are no emissions related to investments.

**Other (upstream)**

---

**Evaluation status**

**Please explain**

**Other (downstream)**

---

**Evaluation status**

**Please explain**

## C6.7

**(C6.7) Are carbon dioxide emissions from biogenic carbon relevant to your organization?**

No

## C6.10

**(C6.10) Describe your gross global combined Scope 1 and 2 emissions for the reporting year in metric tons CO<sub>2</sub>e per unit currency total revenue and provide any additional intensity metrics that are appropriate to your business operations.**

---

**Intensity figure**

0.00003011

**Metric numerator (Gross global combined Scope 1 and 2 emissions, metric tons CO<sub>2</sub>e)**

30,786

**Metric denominator**

unit total revenue

**Metric denominator: Unit total**

10,226,300,000

**Scope 2 figure used**

Market-based

**% change from previous year**

56

**Direction of change**

Decreased

**Reason(s) for change**

Change in renewable energy consumption  
Other emissions reduction activities  
Change in revenue

**Please explain**

Emission reductions were achieved with renewable electricity purchases and solar power generation at our Switzerland facility. The main reason behind the reduction of intensity is the increased revenues.

## C7. Emissions breakdowns

### C7.1

(C7.1) Does your organization break down its Scope 1 emissions by greenhouse gas type?

No

### C7.2

(C7.2) Break down your total gross global Scope 1 emissions by country/area/region.

Country/area/region	Scope 1 emissions (metric tons CO2e)
Turkey	27,301
Kazakhstan	558
Algeria	265
Switzerland	483

### C7.3

(C7.3) Indicate which gross global Scope 1 emissions breakdowns you are able to provide.

By activity

### C7.3c

(C7.3c) Break down your total gross global Scope 1 emissions by business activity.

Activity	Scope 1 emissions (metric tons CO2e)
Stationary Combustion (for heating purposes)	11,531
Stationary Combustion (for generators)	106
Mobile Combustion (company vehicles)	15,618
Mobile Combustion (operational company vehicles)	142
Transformer gases	4
Refrigerant gases	1,203
Fire extinguishers	3

### C7.5

(C7.5) Break down your total gross global Scope 2 emissions by country/area/region.

Country/area/region	Scope 2, location-based (metric tons CO2e)	Scope 2, market-based (metric tons CO2e)
Turkey	25,466	0

Kazakhstan	1,114	1,114
Algeria	853	853
Switzerland	212	212

## C7.6

**(C7.6) Indicate which gross global Scope 2 emissions breakdowns you are able to provide.**

By activity

## C7.6c

**(C7.6c) Break down your total gross global Scope 2 emissions by business activity.**

Activity	Scope 2, location-based (metric tons CO2e)	Scope 2, market-based (metric tons CO2e)
Electricity Consumption	27,645	2,179

## C7.7

**(C7.7) Is your organization able to break down your emissions data for any of the subsidiaries included in your CDP response?**

No

## C7.9

**(C7.9) How do your gross global emissions (Scope 1 and 2 combined) for the reporting year compare to those of the previous reporting year?**

Increased

## C7.9a

**(C7.9a) 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.**

	Change in emissions (metric tons CO2e)	Direction of change in emissions	Emissions value (percentage)	Please explain calculation
Change in renewable energy consumption	2,136	Decreased	7.25	Scope 2 emissions are reduced by procuring additional renewable electricity compared to last year.

Other emissions reduction activities	710.11	Decreased	2.41	Reductions were achieved due to reduced refrigerant gas use.
Divestment	0	No change	0	
Acquisitions	0	No change	0	
Mergers	0	No change	0	
Change in output	4,181	Increased	14	Scope 2 emissions are reduced by procuring renewable electricity. However, there has been an increase in energy consumption due to the increase in production.
Change in methodology	0	No change	0	
Change in boundary	0	No change	0	
Change in physical operating conditions	0	No change	0	
Unidentified	0	No change	0	
Other	0	No change	0	

## C7.9b

**(C7.9b) Are your emissions performance calculations in C7.9 and C7.9a based on a location-based Scope 2 emissions figure or a market-based Scope 2 emissions figure?**

Market-based

## C8. Energy

### C8.1

**(C8.1) What percentage of your total operational spend in the reporting year was on energy?**

More than 0% but less than or equal to 5%

### C8.2

**(C8.2) 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)	Yes
Consumption of purchased or acquired electricity	Yes
Consumption of purchased or acquired heat	No
Consumption of purchased or acquired steam	No
Consumption of purchased or acquired cooling	No
Generation of electricity, heat, steam, or cooling	Yes

## C8.2a

**(C8.2a) Report your organization's energy consumption totals (excluding feedstocks) in MWh.**

	Heating value	MWh from renewable sources	MWh from non-renewable sources	Total (renewable and non-renewable) MWh
Consumption of fuel (excluding feedstock)	LHV (lower heating value)	0	127,674	127,674
Consumption of purchased or acquired electricity		55,736	5,105	60,841
Consumption of self-generated non-fuel renewable energy		20		20
Total energy consumption		55,756	132,779	188,535

## C8.2b

**(C8.2b) Select the applications of your organization's consumption of fuel.**

	Indicate whether your organization undertakes this fuel application
Consumption of fuel for the generation of electricity	No

Consumption of fuel for the generation of heat	Yes
Consumption of fuel for the generation of steam	No
Consumption of fuel for the generation of cooling	No
Consumption of fuel for co-generation or tri-generation	No

## C8.2c

**(C8.2c) State how much fuel in MWh your organization has consumed (excluding feedstocks) by fuel type.**

### Sustainable biomass

---

**Heating value**

LHV

**Total fuel MWh consumed by the organization**

0

**Comment**

There is no sustainable biomass consumption.

### Other biomass

---

**Heating value**

LHV

**Total fuel MWh consumed by the organization**

0

**Comment**

There is no other biomass consumption.

### Other renewable fuels (e.g. renewable hydrogen)

---

**Heating value**

LHV

**Total fuel MWh consumed by the organization**

0

**Comment**

There is no other renewable fuel consumption.

### Coal

---

**Heating value**

LHV

**Total fuel MWh consumed by the organization**

0

**Comment**

There is no coal consumption.

**Oil**

---

**Heating value**

LHV

**Total fuel MWh consumed by the organization**

65,603

**Comment**

The amount given is valid for diesel and gasoline use.

**Gas**

---

**Heating value**

LHV

**Total fuel MWh consumed by the organization**

62,071

**Comment**

The amount given is valid for natural gas use.

**Other non-renewable fuels (e.g. non-renewable hydrogen)**

---

**Heating value**

LHV

**Total fuel MWh consumed by the organization**

0

**Comment**

There is no other non-renewable fuel use.

**Total fuel**

---

**Heating value**

LHV

**Total fuel MWh consumed by the organization**

127,674

**Comment**

The amount given is valid for diesel, gasoline and natural gas use.



## C8.2d

**(C8.2d) Provide details on the electricity, heat, steam, and cooling your organization has generated and consumed in the reporting year.**

	Total Gross generation (MWh)	Generation that is consumed by the organization (MWh)	Gross generation from renewable sources (MWh)	Generation from renewable sources that is consumed by the organization (MWh)
Electricity	20	20	20	20
Heat	0	0	0	0
Steam	0	0	0	0
Cooling	0	0	0	0

## C8.2e

**(C8.2e) Provide details on the electricity, heat, steam, and/or cooling amounts that were accounted for at a zero or near-zero emission factor in the market-based Scope 2 figure reported in C6.3.**

### Country/area of low-carbon energy consumption

Turkey

### Sourcing method

Unbundled procurement of energy attribute certificates (EACs)

### Energy carrier

Electricity

### Low-carbon technology type

Large hydropower (>25 MW)

### Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)

55,736

### Tracking instrument used

I-REC

### Country/area of origin (generation) of the low-carbon energy or energy attribute

Turkey

### Are you able to report the commissioning or re-powering year of the energy generation facility?

Yes

**Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)**

2017

**Comment**

The amount given is related to renewable electricity procurement.

## C8.2g

**(C8.2g) Provide a breakdown by country/area of your non-fuel energy consumption in the reporting year.**

---

**Country/area**

Turkey

**Consumption of purchased electricity (MWh)**

55,736

**Consumption of self-generated electricity (MWh)**

0

**Consumption of purchased heat, steam, and cooling (MWh)**

0

**Consumption of self-generated heat, steam, and cooling (MWh)**

0

**Total non-fuel energy consumption (MWh) [Auto-calculated]**

55,736

---

**Country/area**

Kazakhstan

**Consumption of purchased electricity (MWh)**

1,747

**Consumption of self-generated electricity (MWh)**

0

**Consumption of purchased heat, steam, and cooling (MWh)**

0

**Consumption of self-generated heat, steam, and cooling (MWh)**

0

**Total non-fuel energy consumption (MWh) [Auto-calculated]**

1,747

---

**Country/area**

Switzerland

**Consumption of purchased electricity (MWh)**

1,594

**Consumption of self-generated electricity (MWh)**

20

**Consumption of purchased heat, steam, and cooling (MWh)**

0

**Consumption of self-generated heat, steam, and cooling (MWh)**

0

**Total non-fuel energy consumption (MWh) [Auto-calculated]**

1,614

---

**Country/area**

Algeria

**Consumption of purchased electricity (MWh)**

1,764

**Consumption of self-generated electricity (MWh)**

0

**Consumption of purchased heat, steam, and cooling (MWh)**

0

**Consumption of self-generated heat, steam, and cooling (MWh)**

0

**Total non-fuel energy consumption (MWh) [Auto-calculated]**

1,764

## C9. Additional metrics

### C9.1

(C9.1) Provide any additional climate-related metrics relevant to your business.

## C10. Verification

### C10.1

(C10.1) Indicate the verification/assurance status that applies to your reported emissions.

	Verification/assurance status
Scope 1	Third-party verification or assurance process in place
Scope 2 (location-based or market-based)	Third-party verification or assurance process in place
Scope 3	Third-party verification or assurance process in place

### C10.1a

(C10.1a) Provide further details of the verification/assurance undertaken for your Scope 1 emissions, and attach the relevant statements.

---

**Verification or assurance cycle in place**

Annual process


**Status in the current reporting year**

Complete

**Type of verification or assurance**

Limited assurance

**Attach the statement**

 Abdi İbrahim Limited Assurance Opinion CDP.pdf

**Page/ section reference**

P. 1-4

**Relevant standard**

ISAE3000

**Proportion of reported emissions verified (%)**

100

## C10.1b

**(C10.1b) Provide further details of the verification/assurance undertaken for your Scope 2 emissions and attach the relevant statements.**

---

**Scope 2 approach**

Scope 2 location-based

**Verification or assurance cycle in place**

Annual process


**Status in the current reporting year**

Complete

**Type of verification or assurance**

Limited assurance

**Attach the statement**

 Abdi İbrahim Limited Assurance Opinion CDP.pdf

**Page/ section reference**

p. 1-4

**Relevant standard**

ISAE3000

**Proportion of reported emissions verified (%)**

100

---

**Scope 2 approach**

Scope 2 market-based

**Verification or assurance cycle in place**

Annual process


**Status in the current reporting year**

Complete

**Type of verification or assurance**

Limited assurance

**Attach the statement**

 Abdi İbrahim Limited Assurance Opinion CDP.pdf

**Page/ section reference**

p. 1-4

**Relevant standard**

ISAE3000

**Proportion of reported emissions verified (%)**

100

## C10.1c

**(C10.1c) Provide further details of the verification/assurance undertaken for your Scope 3 emissions and attach the relevant statements.**

---

**Scope 3 category**

- Scope 3: Purchased goods and services
- Scope 3: Capital goods
- Scope 3: Fuel and energy-related activities (not included in Scopes 1 or 2)
- Scope 3: Upstream transportation and distribution
- Scope 3: Waste generated in operations
- Scope 3: Business travel
- Scope 3: Employee commuting
- Scope 3: Investments
- Scope 3: Downstream transportation and distribution
- Scope 3: End-of-life treatment of sold products

**Verification or assurance cycle in place**

Annual process


**Status in the current reporting year**

Complete

**Type of verification or assurance**

Limited assurance

**Attach the statement**

 Abdi İbrahim Limited Assurance Opinion CDP.pdf

**Page/section reference**

p. 1-4

**Relevant standard**

ISAE3000

## Proportion of reported emissions verified (%)

100

### C10.2

**(C10.2) Do you verify any climate-related information reported in your CDP disclosure other than the emissions figures reported in C6.1, C6.3, and C6.5?**

Yes

### C10.2a

**(C10.2a) Which data points within your CDP disclosure have been verified, and which verification standards were used?**

 Abdi İbrahim Limited Assurance Opinion CDP.pdf

Disclosure module verification relates to	Data verified	Verification standard	Please explain
C8. Energy	Energy consumption	ISAE3000 and ISAE 3410	Along with GHG emissions, our energy consumption values are verified.

## C11. Carbon pricing

### C11.1

**(C11.1) Are any of your operations or activities regulated by a carbon pricing system (i.e. ETS, Cap & Trade or Carbon Tax)?**

No, but we anticipate being regulated in the next three years

### C11.1d

**(C11.1d) What is your strategy for complying with the systems you are regulated by or anticipate being regulated by?**

Identification of when we anticipate being regulated in the next 3 years:

After the Paris Agreement's ratification in 2021, Türkiye declared its goal of achieving net-zero emissions by 2053. The Agreement encourages countries to use economic instruments such as reducing greenhouse gas emissions and supporting carbon markets and carbon pricing.

This is highly crucial for the development of the carbon pricing application in Türkiye. Türkiye has been working on the implementation of emission trading programs in cooperation with the Partnership of Market Readiness (PMR) Türkiye Project and the World Bank since 2013. In 2019, the second stage of the PMR Project commenced. During this stage, pilot workshops and implementations were conducted with participating companies, with a focus on various ETS designs. On 17 February 2021, the Minister of Environment, Urbanisation and Climate Change announced that a national ETS will be implemented in Türkiye. This ETS is expected to be very similar to the EU-ETS. The national emission trading system will form the basis of carbon

pricing implementation in Türkiye and will be designed by utilizing the Monitoring, Reporting and Verification (MRV) system data. The Carbon Pricing Department's Stakeholder Engagement Strategy Plan highlights the establishment of a national carbon pricing mechanism as a key objective of the Türkiye Green Deal Action Plan. To this end, the Climate Council has recommended the creation of a national Emissions Trading System (ETS) in Türkiye, which is scheduled to enter its pilot phase by 2024. The parameters for the ETS will be defined in the National Climate Law, which will set out the basic design and implementation options for the system. Although the finer operational details will be specified in subsequent by-laws and circulars, we anticipate being subject to regulation under the upcoming national ETS by 2024.

Strategy for complying with the system in which we anticipate to participate in:

In this regard, Since 2015, we have been reporting our greenhouse gas emissions for Scope 1, 2, and 3, and are currently making preparations for a potential carbon tax or ETS mechanism. To achieve this, we have set ourselves an ambitious target of reducing our GHG emissions, using the SBTi Tool as a means to achieve our goal.

Furthermore, we have made strategic investments in Continuous Emissions Monitoring Systems for our stacks in order to align ourselves more closely with the present and forthcoming GHG monitoring regulations, which are currently in the scope. We have also begun purchasing electricity from renewable sources, in anticipation of a possible carbon pricing burden on producers who rely on non-renewable energy sources. We expect to see positive results in terms of reduced GHG emissions and improved environmental performance over the medium to long term, with a target of achieving our GHG reduction goal by 2030.

## C11.2

**(C11.2) Has your organization canceled any project-based carbon credits within the reporting year?**

No

## C11.3

**(C11.3) Does your organization use an internal price on carbon?**

Yes

## C11.3a

**(C11.3a) Provide details of how your organization uses an internal price on carbon.**

---

**Type of internal carbon price**

Shadow price

**How the price is determined**

Alignment with the price of allowances under an Emissions Trading Scheme

**Objective(s) for implementing this internal carbon price**

Identify and seize low-carbon opportunities



**Scope(s) covered**

Scope 1  
Scope 2

**Pricing approach used – spatial variance**

Uniform

**Pricing approach used – temporal variance**

Static

**Indicate how you expect the price to change over time**

**Actual price(s) used – minimum (currency as specified in C0.4 per metric ton CO2e)**

989.52

**Actual price(s) used – maximum (currency as specified in C0.4 per metric ton CO2e)**

1,683.92

**Business decision-making processes this internal carbon price is applied to**

Risk management  
Opportunity management

**Mandatory enforcement of this internal carbon price within these business decision-making processes**

No

**Explain how this internal carbon price has contributed to the implementation of your organization's climate commitments and/or climate transition plan**

By utilizing a shadow price of carbon, we are able to evaluate projects based on their overall climate impact, and incorporate energy efficiency considerations from the earliest stages of project development. This approach allows us to prioritize projects that have the least negative impact on the environment and can help us achieve our sustainability goals more effectively.

In addition to that, since we substantially operate in Türkiye, which is committed to reducing carbon emissions under the Paris Agreement, our internal carbon pricing efforts align with Türkiye's broader climate goals and demonstrate the company's commitment to reducing its carbon footprint. As Türkiye moves towards establishing a national ETS, our experience with internal carbon pricing can provide valuable insights into effective carbon pricing mechanisms and their impact on business decision-making.

Also, by assessing the financial impact of its carbon footprint, the company can identify and manage climate change-related risks, such as potential regulatory changes or reputational risks.

Overall, ICP has been a valuable tool for us in implementing its climate commitments

and transition plan. By incorporating the cost of carbon emissions into decision-making processes, the company can prioritize investments in low-carbon technologies and reduce its carbon footprint while supporting a sustainable future.

Turkish authorities tend to harmonize their regulations on environmental issues with the European Union (EU). In the EU Emissions Trading System, carbon permit prices ranged between 57 to 97 Euros per ton of CO<sub>2</sub> eq. in 2022. (1 EUR = 17,36TRY)

## C12. Engagement

### C12.1

#### (C12.1) Do you engage with your value chain on climate-related issues?

Yes, our suppliers

Yes, our customers/clients

### C12.1a

#### (C12.1a) Provide details of your climate-related supplier engagement strategy.

---

##### Type of engagement

Information collection (understanding supplier behavior)

##### Details of engagement

Collect GHG emissions data at least annually from suppliers

##### % of suppliers by number

2

##### % total procurement spend (direct and indirect)

16

##### % of supplier-related Scope 3 emissions as reported in C6.5

##### Rationale for the coverage of your engagement

We have a set of sustainability questionnaires where we try to get information from our suppliers about their social and environmental impacts. We ask these questions to our critical suppliers. Our aim is to access information such as carbon footprint values, renewable energy usage rates, CDP scores, and SBTi targets, as well as information such as tax number or company address when registering our suppliers in our system. However, it is not possible to do this for all our suppliers yet. Because there are small businesses among our suppliers, it is difficult to collect data from them. For now, we gather this information from suppliers that receive 16% of our procurement spent.

##### Impact of engagement, including measures of success

The measure of success chosen for this strategy revolves around the completion and response rate of the "Sustainability Questionnaires" distributed to suppliers. The aim is to drive positive change by encouraging suppliers to actively participate in sustainability initiatives, providing vital data on their social and environmental impacts.

We have not reached the desired level yet. Because we have some concerns about the accuracy of the incoming data. To prevent this, we are preparing a verification or calculation procedure. However, for our suppliers, we are in the medium or small customer category. For this reason, our improvement requests to suppliers are not very efficient. However, we also benefit from the improvements made by the big pharmaceutical companies in their suppliers. Our aim in supplier engagement is to observe the current situation and to observe our suppliers' sustainability performances.

Our climate-related supplier engagement strategy, as measured by the completion rate of "Sustainability Questionnaires" and subsequent positive changes in supplier practices, can lead to a more sustainable supply chain, a strengthened brand reputation, and improved relationships with environmentally conscious suppliers.

#### **Comment**

For now, our questionnaire is sent manually to the suppliers. However, we are developing our climate-related supplier engagement strategy by overhauling the infrastructure of our supplier information system to prepare questions to rate their sustainability strategy and monitor the climate-related performance of suppliers.

## **C12.1b**

**(C12.1b) Give details of your climate-related engagement strategy with your customers.**

---

#### **Type of engagement & Details of engagement**

Education/information sharing

Run an engagement campaign to educate customers about the climate change impacts of (using) your products, goods, and/or services

#### **% of customers by number**

100

#### **% of customer - related Scope 3 emissions as reported in C6.5**

#### **Please explain the rationale for selecting this group of customers and scope of engagement**

Abdi İbrahim is introducing its "Smart Software" project to all of its customers and encouraging them to implement it. This project involves the development of an algorithm based on optimization techniques and artificial intelligence. By making the most of the opportunities offered by Industry 4.0 and digitalization, we are transforming production

processes with artificial intelligence and machine learning. The "Smart Software" determines the optimal layout and dimensions of blister size, quantity, and outer packaging for PVC blister products produced in the production complex. This way, the same amount of medication can be produced using less packaging materials.

The rationale for the project: This algorithm, designed to reduce carbon emissions in the global pharmaceutical industry, is a first of its kind and contributes to Abdi İbrahim's carbon emission reduction by reducing electricity consumption and raw material used in our production process. We introduce the impact of the project to all our customers and invite them to participate in this project. For this reason, our strategy is aimed at 100% of our customers. Aiming to be a trailblazer in its sector, Abdi İbrahim holds the scope of this project for all its customers to minimize the negative impacts of the sector on the environment.

### **Impact of engagement, including measures of success**

We introduce our customers to the "Smart Software" project and take the initiative for them to implement this project. "Smart Software" involves the development of an algorithm based on artificial intelligence and optimization techniques. By making the most of the opportunities offered by Industry 4.0 and digitalization, transformation based on artificial intelligence and machine learning is carried out in production processes. Intelligent software determines the optimum arrangement and dimensions of blister size, number of blisters and, accordingly, outer packaging dimensions for PVC blister products produced in the production complex, so that the same amount of medicine is produced using less packaging material.

Thanks to this algorithm, which is designed to reduce carbon emissions in the global pharmaceutical industry and is a first in this respect, Abdi İbrahim's carbon emissions are reduced due to the reduction in electricity consumption and raw materials in the production process. The project provides both emission reduction and financial benefits. With this project, Abdi İbrahim has made 1 million Euro savings in 26 products.

The measure of success and threshold: A reduction of packaging materials and associated GHG emissions is seen as a measure of success, and any % of reduction in GHG emissions associated with the project is considered as threshold, as the purpose of the project is efficiency of resource use and performance improvement. With this project, Abdi İbrahim has made 1 million Euro savings in 26 products, as the project provides both emission reduction and financial benefits.

We inform all our customers about the project, and the implementation of this project by even a single supplier of a single product constitutes our success criterion.

## **C12.2**

### **(C12.2) Do your suppliers have to meet climate-related requirements as part of your organization's purchasing process?**

Yes, climate-related requirements are included in our supplier contracts

## C12.2a

**(C12.2a) Provide details of the climate-related requirements that suppliers have to meet as part of your organization's purchasing process and the compliance mechanisms in place.**

---

**Climate-related requirement**

Complying with regulatory requirements

**Description of this climate related requirement**

Complying with regulatory requirements is a prerequisite for working with Abdi İbrahim, including the regulations related to climate change.

**% suppliers by procurement spend that have to comply with this climate-related requirement**

100

**% suppliers by procurement spend in compliance with this climate-related requirement**

100

**Mechanisms for monitoring compliance with this climate-related requirement**

Supplier self-assessment

First-party verification

On-site third-party verification

**Response to supplier non-compliance with this climate-related requirement**

Suspend and engage

## C12.3

**(C12.3) Does your organization engage in activities that could either directly or indirectly influence policy, law, or regulation that may impact the climate?**

**Row 1**

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**External engagement activities that could directly or indirectly influence policy, law, or regulation that may impact the climate**

Yes, we engage directly with policy makers

Yes, our membership of/engagement with trade associations could influence policy, law, or regulation that may impact the climate


Yes, we fund organizations or individuals whose activities could influence policy, law, or regulation that may impact the climate

**Does your organization have a public commitment or position statement to conduct your engagement activities in line with the goals of the Paris Agreement?**

Yes

**Attach commitment or position statement(s)**

Our latest sustainability report and the Business Plastics Initiative (IPG) statement (in Turkish) were provided.

 abdiibrahim\_IPG.pdf

 ai-sustainability-report-2019-2020-en.pdf

**Describe the process(es) your organization has in place to ensure that your external engagement activities are consistent with your climate commitments and/or climate transition plan**

As Abdi İbrahim, we publish our global policy positions, including climate policy, to ensure transparency in our collaboration with stakeholders.

Abdi İbrahim's homepage includes a link to its environmental sustainability strategy and commitments so that stakeholders can easily access up-to-date information. This link allows our stakeholders to understand the company's commitments and follow the progress made by the company. In addition, our company also publishes its sustainability report and Global Compact reports on its website. In this context, our company's climate-related strategy can be easily followed.

Also, we have taken action to work with the Science Based Targets initiative to reduce our greenhouse gas emissions. Our climate targets in this CDP response have been set according to the criteria of Science Based Targets. Our emission reduction targets will be publicized again through our mainstream reporting.

In addition, Abdi İbrahim's commitment to The Business Plastics Initiative platform is also accessible. The Business Plastics Initiative (IPG), in collaboration with UN Global Compact Network Türkiye, Business Council for Sustainable Development Türkiye (BCSD Türkiye) and TUSIAD, aims to encourage private sector organizations to take concrete steps to reduce plastics in line with the United Nations Sustainable Development Goals. By committing to plastics reduction through IPG, we aim to reduce our GHG emissions. As part of this goal, we are developing an algorithm based on artificial intelligence and optimization techniques called "Smart Software" as part of the "Green Harmonization" project. The software is designed to reduce resource use and production waste in Abdi İbrahim's production processes by optimizing blister size, number and packaging dimensions. We aim to achieve a 10% reduction in carbon emissions resulting from the use of packaging materials in the production process.

## C12.3a

**(C12.3a) On what policy, law, or regulation that may impact the climate has your organization been engaging directly with policy makers in the reporting year?**

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**Specify the policy, law, or regulation on which your organization is engaging with policy makers**

Collection of waste drugs and removal of some barriers in regulation

**Category of policy, law, or regulation that may impact the climate**

Low-carbon products and services

**Focus area of policy, law, or regulation that may impact the climate**

Circular economy

**Policy, law, or regulation geographic coverage**

Regional

**Country/area/region the policy, law, or regulation applies to**

Turkey

**Your organization's position on the policy, law, or regulation**

Support with no exceptions

**Description of engagement with policy makers**

Based on our calculations, a significant volume of drug waste is not being recycled within the circular economy due to the absence of local legislation on the matter. We are negotiating with the ministries to change this. We are making efforts to change the relevant laws. We are discussing with the ministry the creation of a local law to reintegrate waste into the circular economy.

**Details of exceptions (if applicable) and your organization's proposed alternative approach to the policy, law or regulation**

**Have you evaluated whether your organization's engagement on this policy, law, or regulation is aligned with the goals of the Paris Agreement?**

Yes, we have evaluated, and it is aligned

**Please explain whether this policy, law or regulation is central to the achievement of your climate transition plan and, if so, how?**

We support the separate collection of waste materials associated with our product which in return will increase country-wide recycling rates for packaging materials. Therefore, local legislation and the implementation of circular economy principles, such as the reuse or recycling of waste, will contribute to our climate-related strategy. Reusing or recycling waste reduces the consumption of natural resources needed to produce new materials. This, in turn, helps to prevent the depletion of natural resources, contributing to a reduction in GHG emissions that occur due to waste disposal. Our GHG emissions due to waste disposal are included within the scope of our Science Based GHG emission reduction target. Reducing the amount of waste directly contributes to this target.

## C12.3b

**(C12.3b) Provide details of the trade associations your organization is a member of, or engages with, which are likely to take a position on any policy, law or regulation that may impact the climate.**

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### Trade association

Other, please specify

Istanbul Chemicals and Chemical Products Exporters' Association (İKMİB)

**Is your organization's position on climate change policy consistent with theirs?**

Consistent

**Has your organization attempted to influence their position in the reporting year?**

Yes, we publicly promoted their current position

**Describe how your organization's position is consistent with or differs from the trade association's position, and any actions taken to influence their position**

The Istanbul Chemicals and Chemical Products Exporters' Association (İKMİB), which has made significant contributions to the Turkish chemical industry's goal of achieving a \$50 billion export target by 2023, carries out various activities aimed at informing, supporting, and enhancing collaboration among its member companies to ensure their leadership in global markets. From plastics to cosmetics, pharmaceuticals to paints, the association organizes national participation in international trade fairs, technical seminars, and trade and procurement delegations in all sub-sectors of the chemical industry. Additionally, it provides support for research and development (R&D) activities in the sector to promote sustainable growth.

İKMİB promotes industry collaboration on sustainability issues, including climate change. We support the association's communications on climate change and climate change-related regulations.

**Funding figure your organization provided to this trade association in the reporting year (currency as selected in C0.4)**

0

**Describe the aim of your organization's funding**

**Have you evaluated whether your organization's engagement with this trade association is aligned with the goals of the Paris Agreement?**

Yes, we have evaluated, and it is aligned



## C12.3c

**(C12.3c) Provide details of the funding you provided to other organizations or individuals in the reporting year whose activities could influence policy, law, or regulation that may impact the climate.**

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**Type of organization or individual**

Non-Governmental Organization (NGO) or charitable organization

**State the organization or individual to which you provided funding**

Business Council for Sustainable Development Türkiye (BCSD Türkiye)

**Funding figure your organization provided to this organization or individual in the reporting year (currency as selected in C0.4)**

30,000

**Describe the aim of this funding and how it could influence policy, law or regulation that may impact the climate**

We are part of the BCSD Türkiye board of directors and support their work in Türkiye, especially in the field of sustainability. Business Council for Sustainable Development Türkiye (BCSD Türkiye) was founded under the leadership of 13 private sector entities. The Council accepts only corporate membership. BCSD Türkiye is the local network and partner of the World Business Council for Sustainable Development (WBCSD) in Türkiye, and it is in strong cooperation with its parent organization. The Council shares knowledge on sustainability with its members and stakeholders through the activities of its working groups. One of these working groups which we are a part of is the Transition to a Low Carbon Economy Working Group, which directly enables the development of possible policies that contribute to reducing GHG emissions across different sectors.

Our aim is to contribute to BCSD Türkiye for their part in enabling the development of possible policies that contributes to reducing GHG emissions across different sectors.

**Have you evaluated whether this funding is aligned with the goals of the Paris Agreement?**

Yes, we have evaluated, and it is aligned

## C12.4

**(C12.4) Have you published information about your organization's response to climate change and GHG emissions performance for this reporting year in places other than in your CDP response? If so, please attach the publication(s).**

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**Publication**

In mainstream reports

**Status**

Underway – previous year attached

**Attach the document**

 ai-sustainability-report-2019-2020-en.pdf

**Page/Section reference**

9, 71-78

**Content elements**

- Governance
- Strategy
- Emissions figures

**Comment**

Please see the report attached.

## C12.5

**(C12.5) Indicate the collaborative frameworks, initiatives and/or commitments related to environmental issues for which you are a signatory/member.**

	<b>Environmental collaborative framework, initiative and/or commitment</b>	<b>Describe your organization’s role within each framework, initiative and/or commitment</b>
Row 1	UN Global Compact We Mean Business	<p>UNGC: Abdi İbrahim İlaç Sanayi ve Ticaret, which considers acting with corporate citizenship awareness as an integral part of its management principles, became a party to the Global Compact on 16 September 2010 and published its first Communication on Progress in 2011. In addition to its value-added-oriented successful practices in its core business, Abdi İbrahim has adopted the mission of adding value to society through voluntary corporate citizenship practices shaped within the framework of the United Nations Global Compact. Working passionately to improve the lives it touches and the future with its bold and pioneering initiatives, innovative products and services, Abdi İbrahim will continue to create social benefit with its approach to social responsibility and sustainable development in the future as in the past.</p> <p>We Mean Business: Abdi İbrahim supported the campaign created by CDP and the We Mean Business Coalition to ask companies to invite G20 leaders to use all their power to achieve the 1.5°C climate target of the Paris Agreement. As a signatory of the campaign, Abdi İbrahim continues to take steps to improve the future, especially by</p>

		reducing global emissions by at least half by 2030 and achieving net zero emissions by 2050.
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## C15. Biodiversity

### C15.1

**(C15.1) Is there board-level oversight and/or executive management-level responsibility for biodiversity-related issues within your organization?**

	Board-level oversight and/or executive management-level responsibility for biodiversity-related issues
Row 1	No, but we plan to have both within the next two years

### C15.2

**(C15.2) Has your organization made a public commitment and/or endorsed any initiatives related to biodiversity?**

	Indicate whether your organization made a public commitment or endorsed any initiatives related to biodiversity
Row 1	No, but we plan to do so within the next 2 years

### C15.3

**(C15.3) Does your organization assess the impacts and dependencies of its value chain on biodiversity?**

#### Impacts on biodiversity

**Indicate whether your organization undertakes this type of assessment**

No, but we plan to within the next two years

#### Dependencies on biodiversity

**Indicate whether your organization undertakes this type of assessment**

No, but we plan to within the next two years

### C15.4

**(C15.4) Does your organization have activities located in or near to biodiversity-sensitive areas in the reporting year?**

Not assessed

## C15.5

**(C15.5) What actions has your organization taken in the reporting year to progress your biodiversity-related commitments?**

	Have you taken any actions in the reporting period to progress your biodiversity-related commitments?
Row 1	No, we are not taking any actions to progress our biodiversity-related commitments, but we plan to within the next two years

## C15.6

**(C15.6) Does your organization use biodiversity indicators to monitor performance across its activities?**

	Does your organization use indicators to monitor biodiversity performance?	Indicators used to monitor biodiversity performance
Row 1	No, we do not use indicators, but plan to within the next two years	State and benefit indicators

## C15.7

**(C15.7) Have you published information about your organization's response to biodiversity-related issues for this reporting year in places other than in your CDP response? If so, please attach the publication(s).**

Report type	Content elements	Attach the document and indicate where in the document the relevant biodiversity information is located
No publications		

## C16. Signoff

### C-FI

**(C-FI) Use this field to provide any additional information or context that you feel is relevant to your organization's response. Please note that this field is optional and is not scored.**

### C16.1

**(C16.1) Provide details for the person that has signed off (approved) your CDP climate change response.**

	Job title	Corresponding job category

Row 1	CEO	Chief Executive Officer (CEO)
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## Submit your response

**In which language are you submitting your response?**

English

**Please confirm how your response should be handled by CDP**

	I understand that my response will be shared with all requesting stakeholders	Response permission
Please select your submission options	Yes	Public

**Please confirm below**

I have read and accept the applicable Terms