



Kansai Paint Co., Ltd.

2025 CDP Corporate Questionnaire 2025

Word version

Important: this export excludes unanswered questions

This document is an export of your organization's CDP questionnaire response. It contains all data points for questions that are answered or in progress. There may be questions or data points that you have been requested to provide, which are missing from this document because they are currently unanswered. Please note that it is your responsibility to verify that your questionnaire response is complete prior to submission. CDP will not be liable for any failure to do so.

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C1. Introduction

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

Select from:

☒ Japanese

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

Select from:

☒ JPY

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

(1.3.2) Organization type

Select from:

☒ Publicly traded organization

(1.3.3) Description of organization

(当社の紹介) 関西ペイントグループは、1918年の創業以来、各種塗料の分野において、日本の塗料メーカーでは最も先進的なメーカーとして成長し、今日では世界の代表的な塗料メーカーの地位を確立するに至っています。当社グループ製品群は、「物の保護＝サステナビリティ」「物の美観」「新機能の付与」「環境への対応」という持続可能性を高めることに長く貢献し、幅広い分野において高い評価と信頼を得ています。また、当社独自の先進的な研究開発力をコアに、生産・物流・販売活動をグローバルに展開することにより、世界中のお客様に比類のない顧客サービスを提供しています。当社は日本・インド・欧州・アジア・アフリカ・米州に子会社・関連会社を有し、48の国と地域に展開しております。（企業理念と使命目的）当社は「塗料事業で培った技術と人財を最大限に活かした製品・サービスを通じて、人と社会の発展を支える」ことを企業理念における使命目的としております。当社グループのコアビジネスである塗料事業を通じて、顧客のみならず、広く社会から信頼されることが当社グループの存立基盤であります。信頼を元に社会に高い価値を提供することが当社の利益となり、利益を世の中の持続可能性を高める活動に投資する、というサイクルによってもたらされる企業価値の向上こそが、株主をはじめとする取引先、従業員、地域社会等、当社グループのステークホルダーに貢献しうるものであると考えております。（事業内容）日本及び海外市場においては、自動車分野、自動車補修分野、工業分野、建築分野、船舶鉄構分野及びその他分野での塗料の製造販売及びサービスの提供を行っております。（セグメント別売上高）2024年度の当社グループ全体の売上高は5,888億円。地域セグメント売上高は、日本：1,639億円（27.8%）、インド：1,423億円（24.2%）、欧州：1,565億円（26.6%）、アジア：687億円（11.7%）、アフリカ：474億円（8.1%）、その他：100億円（1.7%）。（会社概要）社名：関西ペイント株式会社（Kansai Paint Co.,Ltd.）、本社所在地：〒

530-0001 大阪市北区梅田 1-13-1 大阪梅田ツインタワーズ・サウス 28 階、設立：1981 年（大正 7 年）5 月、資本金：25,658 百万円、従業員数：17,414 名（連結ベース、2025 年 3 月 31 日現在）。

[Fixed row]

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

(1.4.1) End date of reporting year

03/29/2025

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

Select from:

☒ Yes

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

Select from:

☒ Yes

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

Select from:

☒ 3 years

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

Select from:

☒ 3 years

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

Select from:

☒ 3 years
[Fixed row]

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

588825000000

(1.5) Provide details on your reporting boundary.

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

[Fixed row]

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

ISIN code - bond

(1.6.1) Does your organization use this unique identifier?

Select from:

☒ No

ISIN code - equity

(1.6.1) Does your organization use this unique identifier?

Select from:

☒ Yes

(1.6.2) Provide your unique identifier

JP3229400001

CUSIP number

(1.6.1) Does your organization use this unique identifier?

Select from:

☒ No

Ticker symbol

(1.6.1) Does your organization use this unique identifier?

Select from:

☒ No

SEDOL code

(1.6.1) Does your organization use this unique identifier?

Select from:

☒ No

LEI number

(1.6.1) Does your organization use this unique identifier?

Select from:

☒ No

D-U-N-S number

(1.6.1) Does your organization use this unique identifier?

Select from:

☒ No

Other unique identifier

(1.6.1) Does your organization use this unique identifier?

Select from:

☒ No

[Add row]

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

Select all that apply

☒ Peru
☒ China
☒ India
☒ Italy
☒ Japan
☒ Poland
☒ Serbia
☒ Turkey
☒ Uganda
☒ Zambia
☒ Hungary
☒ Namibia
☒ Romania

☒ Kenya
☒ Nepal
☒ Brazil
☒ Malawi
☒ Mexico
☒ Austria
☒ Burundi
☒ Croatia
☒ Czechia
☒ Germany
☒ Malaysia
☒ Slovakia
☒ Slovenia

- ☒ Ukraine
- ☒ Botswana
- ☒ Zimbabwe
- ☒ Indonesia
- ☒ Mauritius
- ☒ Singapore
- ☒ Bangladesh
- ☒ Brunei Darussalam
- ☒ Russian Federation
- ☒ Bosnia & Herzegovina
- ☒ Hong Kong SAR, China
- ☒ United States of America

- ☒ Thailand
- ☒ Viet Nam
- ☒ Montenegro
- ☒ Philippines
- ☒ South Africa
- ☒ Taiwan, China
- ☒ North Macedonia
- ☒ United Republic of Tanzania
- ☒ United Kingdom of Great Britain and Northern Ireland

(1.8) Are you able to provide geolocation data for your facilities?

	Are you able to provide geolocation data for your facilities?	Comment
	Select from: <input checked="" type="checkbox"/> Yes, for some facilities	連結対象子会社の主要製造拠点に関するジオロケーションデータから、水ストレスマップや水リスク地域、生物保護地域などのリスクがある地域の情報収集を開始しました。

[Fixed row]

(1.8.1) Please provide all available geolocation data for your facilities.

Row 1

(1.8.1.1) Identifier

名古屋事業所

(1.8.1.2) Latitude

35.098394

(1.8.1.3) Longitude

137.095547

(1.8.1.4) Comment

当社の主要事業拠点の一つです

Row 2

(1.8.1.1) Identifier

小野事業所

(1.8.1.2) Latitude

34.827565

(1.8.1.3) Longitude

134.987988

(1.8.1.4) Comment

当社の主要事業拠点の一つです

Row 3

(1.8.1.1) Identifier

鹿沼事業所

(1.8.1.2) Latitude

36.534309

(1.8.1.3) Longitude

139.811289

(1.8.1.4) Comment

当社の主要事業拠点の一つです

Row 4

(1.8.1.1) Identifier

平塚事業所

(1.8.1.2) Latitude

35.348339

(1.8.1.3) Longitude

139.362753

(1.8.1.4) Comment

当社の主要事業拠点の一つです

Row 5

(1.8.1.1) Identifier

R&D センター

(1.8.1.2) Latitude

35.34946

(1.8.1.3) Longitude

139.36046

(1.8.1.4) Comment

当社の主要事業拠点の一つです

Row 6

(1.8.1.1) Identifier

尼崎事業所

(1.8.1.2) Latitude

34.739434

(1.8.1.3) Longitude

135.451018

(1.8.1.4) Comment

当社の主要事業拠点の一つです

[Add row]

(1.14) In which part of the chemicals value chain does your organization operate?

Other chemicals

☒ Specialty inorganic chemicals

- ☒ Specialty organic chemicals
- ☒ Other, please specify :その他の化学品

(1.24) Has your organization mapped its value chain?

(1.24.1) Value chain mapped

Select from:

- ☒ Yes, we have mapped or are currently in the process of mapping our value chain

(1.24.2) Value chain stages covered in mapping

Select all that apply

- ☒ Upstream value chain
- ☒ Downstream value chain

(1.24.3) Highest supplier tier mapped

Select from:

- ☒ Tier 1 suppliers

(1.24.4) Highest supplier tier known but not mapped

Select from:

- ☒ Tier 2 suppliers

(1.24.7) Description of mapping process and coverage

バリューチェーン全体のマッピングを開始するために、まず各部門から詳細なデータを収集します。これには、主に、原材料供給、製造、消費、廃棄物管理に関する情報が含まれます。ここでは上流のバリューチェーンについて説明します。上流のバリューチェーンには、原材料メーカー、製造委託パートナーが含まれます。ステークホルダーとの協力: 上流のバリューチェーンにおける主要なステークホルダー（原料メーカー、製造パートナー）との協力を通じて、主要な情報は定量的に入手しております。原料メーカーから購入した原料の量と種類のデータを **IDEA** のデータベースを用い、原料由来の **CO2** 排出量として算定しております（二次データ）。また、連結対象となる製造パートナーからは、**CDP** 質問書への回答が必要な **ESG** データとして、情報収集をしております。また、上流のバリューチェ

ーンでは、調達時だけではなく、廃棄物管理として、包装廃棄物に関する種類と量を把握しています。また製造拠点毎にデータ収集し、それらを集計したグローバルデータとして把握、管理を始めました。カバレッジ:連結財務書証の対象となる拠点についてカバーしています。
[Fixed row]

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

	Plastics mapping	Value chain stages covered in mapping
	<div>Select from:</div> <div><input checked="" type="checkbox"/> Yes, we have mapped or are currently in the process of mapping plastics in our value chain</div>	<div>Select all that apply</div> <div><input checked="" type="checkbox"/> Upstream value chain</div> <div><input checked="" type="checkbox"/> Downstream value chain</div>

[Fixed row]

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

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

Short-term

(2.1.1) From (years)

0

(2.1.3) To (years)

3

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

第18中計と連動しています

Medium-term

(2.1.1) From (years)

4

(2.1.3) To (years)

6

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

KPI2030（当社の中期ビジョンの目標年である2030年）と一致しています。中期では、2030年までの時間軸の内、2025年から2027年については、第18中計と連動しています。2030年までのTCFDの分析で、財務影響を判定しています。

Long-term

(2.1.1) From (years)

7

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

Select from:

☒ No

(2.1.3) To (years)

26

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

終了年は、当社の 2050 年におけるカーボンニュートラルの目標年と一致しています。但し、2030 年以降、2050 年までの財務計画はありませんが、財務影響については TCFD の分析で、判定しています。

[Fixed row]

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

	Process in place	Primary reason for not evaluating dependencies and/or impacts	Explain why you do not evaluate dependencies and/or impacts and describe any plans to do so in the future
	Select from: <input checked="" type="checkbox"/> No, but we plan to within the next	Select from: <input checked="" type="checkbox"/> No standardized procedure	これまでは、シングルマテリアリティの目線で環境影響についての評価・数字の見える化・目標設定を行って来ました。今後は、ダブルマテリアリティの視点から、環境への依存について LEAP アプローチを通じて、リスクと機会の評価を行い、対応策を講じて行きます。

	Process in place	Primary reason for not evaluating dependencies and/or impacts	Explain why you do not evaluate dependencies and/or impacts and describe any plans to do so in the future
	two years		

[Fixed row]

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

	Process in place	Risks and/or opportunities evaluated in this process
	Select from: <input checked="" type="checkbox"/> Yes	Select from: <input checked="" type="checkbox"/> Both risks and opportunities

[Fixed row]

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

Row 1

(2.2.2.1) Environmental issue

Select all that apply

- ☒ Climate change
- ☒ Water
- ☒ Biodiversity

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

Select all that apply

- ☒ Risks
- ☒ Opportunities

(2.2.2.3) Value chain stages covered

Select all that apply

- ☒ Direct operations
- ☒ Upstream value chain
- ☒ Downstream value chain

(2.2.2.4) Coverage

Select from:

- ☒ Partial

(2.2.2.5) Supplier tiers covered

Select all that apply

- ☒ Tier 1 suppliers

(2.2.2.7) Type of assessment

Select from:

- ☒ Qualitative and quantitative

(2.2.2.8) Frequency of assessment

Select from:

- ☒ As important matters arise

(2.2.2.9) Time horizons covered

Select all that apply

- ☒ Short-term
- ☒ Medium-term

(2.2.2.10) Integration of risk management process

Select from:

- ☒ Integrated into multi-disciplinary organization-wide risk management process

(2.2.2.11) Location-specificity used

Select all that apply

- ☒ Site-specific
- ☒ Local
- ☒ National

(2.2.2.12) Tools and methods used

Commercially/publicly available tools

- ☒ Encore tool
- ☒ LEAP (Locate, Evaluate, Assess and Prepare) approach, TNFD
- ☒ TNFD – Taskforce on Nature-related Financial Disclosures
- ☒ WRI Aqueduct
- ☒ WWF Water Risk Filter

International methodologies and standards

- ☒ IPCC Climate Change Projections
- ☒ ISO 14001 Environmental Management Standard
- ☒ Life Cycle Assessment

Databases

- ☒ Nation-specific databases, tools, or standards

Other

- ☒ Scenario analysis
- ☒ Other, please specify :IDEA DB

(2.2.2.13) Risk types and criteria considered

Acute physical

- ☒ Drought
- ☒ Landslide
- ☒ Heat waves
- ☒ Subsidence
- ☒ Toxic spills
- ☒ Pollution incident
- ☒ Cyclones, hurricanes, typhoons
- ☒ Heavy precipitation (rain, hail, snow/ice)
- ☒ Flood (coastal, fluvial, pluvial, ground water)

Chronic physical

- ☒ Heat stress
- ☒ Water stress
- ☒ Sea level rise
- ☒ Groundwater depletion
- ☒ Declining water quality
- ☒ Changing temperature (air, freshwater, marine water)
- ☒ Increased levels of environmental pollutants in freshwater bodies
- ☒ Temperature variability
- ☒ Poorly managed sanitation
- ☒ Water quality at a basin/catchment level
- ☒ Increased severity of extreme weather events
- ☒ Water availability at a basin/catchment level

Policy

- ☒ Carbon pricing mechanisms
- ☒ Increased pricing of water
- ☒ Changes to national legislation
- ☒ Regulation of discharge quality/volumes
- ☒ Statutory water withdrawal limits/changes to water allocation
- ☒ Mandatory water efficiency, conservation, recycling, or process standards
- ☒ Introduction of regulatory standards for previously unregulated contaminants

Market

- ☒ Availability and/or increased cost of certified sustainable material
- ☒ Availability and/or increased cost of raw materials
- ☒ Changing customer behavior

Reputation

- ☒ Impact on human health
- ☒ Increased partner and stakeholder concern and partner and stakeholder negative feedback
- ☒ Negative press coverage related to support of projects or activities with negative impacts on the environment (e.g. GHG emissions, deforestation & conversion, water stress)

Technology

- ☒ Transition to bio-based chemicals
- ☒ Transition to lower emissions technology and products
- ☒ Transition to water efficient and low water intensity technologies and products
- ☒ Unsuccessful investment in new technologies

Liability

- ☒ Exposure to litigation
- ☒ Non-compliance with regulations

(2.2.2.14) Partners and stakeholders considered

Select all that apply

- ☒ Customers
- ☒ Employees
- ☒ Investors
- ☒ Suppliers
- ☒ Local communities
- ☒ Water utilities at a local level

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

Select from:

☒ No

(2.2.2.16) Further details of process

【プロセス】 サステナビリティ推進委員会にて、環境との関わりについてLEAP アプローチを活用し、依存と影響について評価を始めた。影響については、骨子となるシナリオを策定し、各事業部門にリスクと機会の特定・評価・対策案を検討した上で、全社的な観点で取りまとめ、取締役会に上申し、オーソライズする。この過程において、外部評価機関や機関投資家に第三者的な立場からフィードバックを貰い、社外的にも受け入れられる内容であるかの検証を行っている。 --- 【物理的リスクのケーススタディ】 物理的リスクとして、サイクロン・洪水のような異常気象の深刻化・増加等による原材料供給・工場操業・物流停止などの急性リスクと、平均気温の上昇に伴う海面上昇などの慢性リスクを主要なリスクとしている。 **Situation** : 気候変動の物理的リスクは、当社の事業運営への影響が大きく、BCP の観点からもリスク把握・対応検討を重要課題としている。また気候変動リスク緩和は当社としても積極的に対応すべき課題であり、2021 年 11 月に公表した 4 つの戦略マテリアリティの内、「脱炭素の実現」と「資源と経済循環両立の高度化」の 2 つは気候変動リスク緩和に密接に関わるものである。 **Task** : 物理リスクに伴う BCP 対策と気候変動リスク緩和への取り組みを開始する。 **Action** : BCP 対策を含む国内バリューチェーン改革推進の為、「国内生産再編プロジェクト」を立ち上げ、推進中。気候変動リスク緩和については戦略マテリアリティである「脱炭素の実現」と「資源と経済循環両立の高度化」に関して、サステナビリティ推進委員会と各事業部門がリスク・機会の洗い出しと方針・目標の議論を進めた。 **Response** : BCP 対策については「BCP チェックリスト」を作成し、国内主要拠点である本社・平塚事業所・鹿沼事業所を中心に評価を実施し、対策強化を推進した。気候変動リスク緩和については、「脱炭素の実現」と「資源と経済循環両立の高度化」に関してサステナビリティ推進委員会と各事業部門が具体的対応・対象期間ごとの KPI 設定の議論を重ね、2023 年 8 月、取締役会にて決定した。

[Add row]

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

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

Select from:

☒ Yes

(2.2.7.2) Description of how interconnections are assessed

これまでは、TCFD 提言に基づいて、シングルマテリアリティの目線で環境影響についての評価・数字の見える化・目標設定を行って来ました。今後は、TNFD 提言、及び、CSRD で求められるダブルマテリアリティの視点から、環境への依存についてLEAP アプローチを通じて、リスクと機会の評価を行い、対応策を講じて行きます。

[Fixed row]

(2.3) Have you identified priority locations across your value chain?

(2.3.1) Identification of priority locations

Select from:

- ☒ Yes, we have identified priority locations

(2.3.2) Value chain stages where priority locations have been identified

Select all that apply

- ☒ Direct operations
☒ Upstream value chain
☒ Downstream value chain

(2.3.3) Types of priority locations identified

Sensitive locations

- ☒ Areas of limited water availability, flooding, and/or poor quality of water

Locations with substantive dependencies, impacts, risks, and/or opportunities

- ☒ Locations with substantive dependencies, impacts, risks, and/or opportunities relating to water

(2.3.4) Description of process to identify priority locations

現在、当社は特定のリスクが大きい地域や拠点の把握を優先しています。当社において優先する地域は、水の利用可能性が限られている地域、洪水が頻発する地域、または水質が悪い地域です。これら进行评估するために、一般的に受け入れられているツールである WWF ウォーターリスクフィルター (Water Risk Filter) を参照して、地域を特定しています。当社グループ内では、インド、トルコ、南アフリカ、ネパールなどが水ストレス地域に該当しています。物理リスク（集中豪雨、洪水など）については、その拠点の立地条件に影響する為、各拠点とコミュニケーションを直接取り、評価をしています。水リスクに対する対応が進んでいるインド拠点においては、排水ゼロ工場の展開を進めております。その他の拠点についても、地域特性に合わせた水リスクへの対応策を進めて行く予定です。

(2.3.5) Will you be disclosing a list/spatial map of priority locations?

Select from:

☒ Yes, we will be disclosing the list/geospatial map of priority locations

(2.3.6) Provide a list and/or spatial map of priority locations

モジュール 2.3_統合報告書_P57.pptx

[Fixed row]

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

Risks

(2.4.1) Type of definition

Select all that apply

☒ Qualitative

☒ Quantitative

(2.4.2) Indicator used to define substantive effect

Select from:

☒ Asset value

(2.4.3) Change to indicator

Select from:

☒ % decrease

(2.4.4) % change to indicator

Select from:

☒ 1-10

(2.4.6) Metrics considered in definition

Select all that apply

- ☒ Frequency of effect occurring
- ☒ Time horizon over which the effect occurs
- ☒ Likelihood of effect occurring

(2.4.7) Application of definition

【財務的または戦略的での重大な影響の定義】 (1)当社グループの連結純資産額の3%を超える損害。 (2)当社グループの連結売上高が、直近の公表予想値と比較して10%以上の変動。 (3)当社グループの連結営業利益・連結経常利益・当期純利益が、直近の公表予想値と比較して30%以上の変動。 【財務的または戦略的での重大な影響の定義の定量的指標の説明】 当社は、経営管理委員会を設置し、コンプライアンス推進、リスク管理、サステナビリティ推進などに関わる重要案件を定期的に議論・報告している。 定量的指標については、「企業内容等の開示に関する内閣府令」「有価証券上場規定施行規則」などにに基づき、定義している。

Opportunities

(2.4.1) Type of definition

Select all that apply

- ☒ Qualitative
- ☒ Quantitative

(2.4.2) Indicator used to define substantive effect

Select from:

- ☒ Asset value

(2.4.3) Change to indicator

Select from:

- ☒ % increase

(2.4.4) % change to indicator

Select from:

- ☒ 1-10

(2.4.6) Metrics considered in definition

Select all that apply

- ☒ Frequency of effect occurring
- ☒ Time horizon over which the effect occurs
- ☒ Likelihood of effect occurring

(2.4.7) Application of definition

【財務的または戦略的での重大な影響の定義】 (1)当社グループの連結純資産額の3%を超える損害。 (2)当社グループの連結売上高が、直近の公表予想値と比較して10%以上の変動。 (3)当社グループの連結営業利益・連結経常利益・当期純利益が、直近の公表予想値と比較して30%以上の変動。 【財務的または戦略的での重大な影響の定義の定量的指標の説明】 当社は、経営管理委員会を設置し、コンプライアンス推進、リスク管理、サステナビリティ推進などに関わる重要案件を定期的に議論・報告している。 定量的指標については、「企業内容等の開示に関する内閣府令」「有価証券上場規定施行規則」などにに基づき、定義している。

[Add row]

(2.5) Does your organization identify and classify potential water pollutants associated with its activities that could have a detrimental impact on water ecosystems or human health?

	Identification and classification of potential water pollutants	How potential water pollutants are identified and classified
	Select from: <input checked="" type="checkbox"/> Yes, we identify and classify our potential water pollutants	水質汚濁防止法（日本）や化学物質管理規制、各国の水処理の汚染物質に対する法規制の遵守

[Fixed row]

(2.5.1) Describe how your organization minimizes the adverse impacts of potential water pollutants on water ecosystems or human health associated with your activities.

Row 1

(2.5.1.1) Water pollutant category

Select from:

- ☒ Other synthetic organic compounds

(2.5.1.2) Description of water pollutant and potential impacts

特定された水質汚染物質の使用を制限、または廃止する事で水質汚染影響を抑制しております。また、その他の化学物質の影響についても含有する製品、及び原料の予期せぬ流出や適正な処理をしないことによる水質汚染の防止を行っています。工場からの排水については、COD、温度、濁度などの地域・自治体との取り決めに基づき、測定管理しています。

(2.5.1.3) Value chain stage

Select all that apply

- ☒ Direct operations
- ☒ Upstream value chain
- ☒ Downstream value chain

(2.5.1.4) Actions and procedures to minimize adverse impacts

Select all that apply

- ☒ Water recycling
- ☒ Procedure(s) under development/ R&D
- ☒ Upgrading of process equipment/methods
- ☒ Beyond compliance with regulatory requirements
- ☒ Reduction or phase out of hazardous substances
- ☒ Provision of best practice instructions on product use
- ☒ Requirement for suppliers to comply with regulatory requirements
- ☒ Industrial and chemical accidents prevention, preparedness, and response
- ☒ Assessment of critical infrastructure and storage condition (leakages, spillages, pipe erosion etc.) and their resilience

(2.5.1.5) Please explain

特定された水質汚染物質の使用を制限、または廃止する事で水質汚染影響を抑制しております。また、その他の化学物質の影響についても含有する製品、及び原料の予期せぬ流出や適正な処理をしないことによる水質汚染の防止を行っています。工場からの排水については、COD、温度、濁度などの地域・自治体との取り決めに基づき、測定管理しています。

[Add row]

C3. Disclosure of risks and opportunities

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

Climate change

(3.1.1) Environmental risks identified

Select from:

☒ Yes, both in direct operations and upstream/downstream value chain

Water

(3.1.1) Environmental risks identified

Select from:

☒ Yes, only within our direct operations

(3.1.2) Primary reason why your organization does not consider itself to have environmental risks in your direct operations and/or upstream/downstream value chain

Select from:

☒ Evaluation in progress

(3.1.3) Please explain

塗料製品、及び原材料の生産工程では、冷却や洗浄過程で多くの水を使用しており、また、水性塗料では水を原材料としても使用している。これにより、水質及び水量の確保が事業活動の継続には必須となり、水資源の枯渇等は大きなリスクとなる。水に関する環境リスクは、事業活動をする地域や拠点の立地条件に大きな影響を受ける。その為、各拠点毎にウオーターフィルター等を参照し水ストレスレベルの判定や洪水などの物理リスクなどの判定を行い、対策の優先度を決めている。

Plastics

(3.1.1) Environmental risks identified

Select from:

☒ Yes, both in direct operations and upstream/downstream value chain

[Fixed row]

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

Climate change

(3.1.1.1) Risk identifier

Select from:

☒ Risk1

(3.1.1.3) Risk types and primary environmental risk driver

Policy

☒ Carbon pricing mechanisms

(3.1.1.4) Value chain stage where the risk occurs

Select from:

☒ Direct operations

(3.1.1.6) Country/area where the risk occurs

Select all that apply

☒ Peru

☒ Kenya

- ✓ China
- ✓ India
- ✓ Italy
- ✓ Japan
- ✓ Poland
- ✓ Serbia
- ✓ Turkey
- ✓ Uganda
- ✓ Zambia
- ✓ Hungary
- ✓ Namibia
- ✓ Romania
- ✓ Ukraine
- ✓ Botswana
- ✓ Zimbabwe
- ✓ Indonesia
- ✓ Mauritius
- ✓ Singapore
- ✓ Bangladesh
- ✓ Brunei Darussalam
- ✓ Russian Federation
- ✓ Bosnia & Herzegovina
- ✓ Hong Kong SAR, China
- ✓ United States of America

- ✓ Nepal
- ✓ Brazil
- ✓ Malawi
- ✓ Mexico
- ✓ Austria
- ✓ Burundi
- ✓ Croatia
- ✓ Czechia
- ✓ Germany
- ✓ Malaysia
- ✓ Slovakia
- ✓ Slovenia
- ✓ Thailand
- ✓ Viet Nam
- ✓ Montenegro
- ✓ Philippines
- ✓ South Africa
- ✓ Taiwan, China
- ✓ North Macedonia
- ✓ United Republic of Tanzania
- ✓ United Kingdom of Great Britain and Northern Ireland

(3.1.1.9) Organization-specific description of risk

気候変動の対策として、先進各国では **GHG 排出量抑制** を目的とした炭素税の導入が実施、若しくは計画されており、今後、事業活動において大きな負担となる事が予想される。

(3.1.1.11) Primary financial effect of the risk

Select from:

☒ Increased indirect [operating] costs

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

Select all that apply

☒ Medium-term

☒ Long-term

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

Select from:

☒ Virtually certain

(3.1.1.14) Magnitude

Select from:

☒ Medium-high

(3.1.1.16) Anticipated effect of the risk on the financial position, financial performance and cash flows of the organization in the selected future time horizons

日本国内では、2026 年からの炭素税の導入が予想されている。同様に EU 始め各国においても炭素税の導入が実施、若しくは予定されている。それにより連結営業利益が 1 割弱程度減少する可能性が高い。

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

Select from:

☒ Yes

(3.1.1.21) Anticipated financial effect figure in the medium-term – minimum (currency)

1500000000

(3.1.1.22) Anticipated financial effect figure in the medium-term – maximum (currency)

3000000000

(3.1.1.23) Anticipated financial effect figure in the long-term – minimum (currency)

1500000000

(3.1.1.24) Anticipated financial effect figure in the long-term – maximum (currency)

3000000000

(3.1.1.25) Explanation of financial effect figure

当社が排出する GHG 排出量 (Scope1+2) として、約 20 万 t-CO₂eq に対して炭素税を 100\$/t-CO₂ と仮定した場合、為替を 1\$=148 円と仮定し、計算すると、29 億円となる。

(3.1.1.26) Primary response to risk

Policies and plans

☒ Develop a climate transition plan

(3.1.1.27) Cost of response to risk

10000000000

(3.1.1.28) Explanation of cost calculation

資金捻出と使途の方針として、利益拡大に直結する成長・効率化の為に設備投資に年間 100 億円程度を想定している。この投資により GHG 排出量を削減し、炭素税に対する備えとする事を考えている。

(3.1.1.29) Description of response

製造拠点の脱炭素化を進めると共に、継続的に進化可能なサプライチェーン刷新モデルを構築して行きます。

Water

(3.1.1.1) Risk identifier

Select from:

☒ Risk4

(3.1.1.3) Risk types and primary environmental risk driver

Policy

☒ Mandatory water efficiency, conservation, recycling or process standards

(3.1.1.4) Value chain stage where the risk occurs

Select from:

☒ Direct operations

(3.1.1.6) Country/area where the risk occurs

Select all that apply

☒ India

☒ Malawi

☒ South Africa

☒ Turkey

(3.1.1.7) River basin where the risk occurs

Select all that apply

☒ Olifants

☒ Other, please specify :Narmada River, Sabi River, Vshishti River, Beas River, Zuari, Ganga River, Ponnaiyar, Daman Ganga (India), Gediz River (Turkey), Mgeni, Sondags (South Africa),

(3.1.1.9) Organization-specific description of risk

塗料製造では、原材料としての水消費に加え、洗浄や冷却など製造プロセスでも水が不可欠です。これらの地域は水ストレス地域に該当し、必要な取水量と水品質

の確保にリスクがあります。

(3.1.1.11) Primary financial effect of the risk

Select from:

☒ Decreased revenues due to reduced production capacity

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

Select all that apply

☒ Short-term

☒ Medium-term

☒ Long-term

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

Select from:

☒ Likely

(3.1.1.14) Magnitude

Select from:

☒ Medium

(3.1.1.16) Anticipated effect of the risk on the financial position, financial performance and cash flows of the organization in the selected future time horizons

水不足により生産に必要な取水量、及び水品質の確保が困難となる。

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

Select from:

☒ Yes

(3.1.1.19) Anticipated financial effect figure in the short-term – minimum (currency)

2000000000

(3.1.1.20) Anticipated financial effect figure in the short-term – maximum (currency)

10000000000

(3.1.1.21) Anticipated financial effect figure in the medium-term – minimum (currency)

4000000000

(3.1.1.22) Anticipated financial effect figure in the medium-term – maximum (currency)

20000000000

(3.1.1.23) Anticipated financial effect figure in the long-term – minimum (currency)

4000000000

(3.1.1.24) Anticipated financial effect figure in the long-term – maximum (currency)

20000000000

(3.1.1.25) Explanation of financial effect figure

該当地域の売上に対して、短期的には、売上の1%から5%、中・長期的には、売上の2%から10%を想定した。

(3.1.1.26) Primary response to risk

Infrastructure, technology and spending

☒ Adopt water efficiency, water reuse, recycling and conservation practices

(3.1.1.27) Cost of response to risk

500000000

(3.1.1.28) Explanation of cost calculation

水リサイクル施設の投資金額から推定した。

(3.1.1.29) Description of response

よりリスクが高い水ストレス地域を優先して工場に水リサイクル施設の建設を進め、水資源の効率的な利用を展開する。

Plastics

(3.1.1.1) Risk identifier

Select from:

☒ Risk5

(3.1.1.3) Risk types and primary environmental risk driver

Market

☒ Changing customer behavior

(3.1.1.4) Value chain stage where the risk occurs

Select from:

☒ Downstream value chain

(3.1.1.6) Country/area where the risk occurs

Select all that apply

☒ Peru

☒ China

☒ India

☒ Italy

☒ Kenya

☒ Nepal

☒ Brazil

☒ Malawi

- ☒ Japan
- ☒ Poland
- ☒ Serbia
- ☒ Turkey
- ☒ Uganda
- ☒ Zambia
- ☒ Hungary
- ☒ Namibia
- ☒ Romania
- ☒ Ukraine
- ☒ Botswana
- ☒ Zimbabwe
- ☒ Indonesia
- ☒ Mauritius
- ☒ Singapore
- ☒ Bangladesh
- ☒ Brunei Darussalam
- ☒ Russian Federation
- ☒ Bosnia & Herzegovina
- ☒ Hong Kong SAR, China
- ☒ United States of America

- ☒ Mexico
- ☒ Austria
- ☒ Burundi
- ☒ Croatia
- ☒ Czechia
- ☒ Germany
- ☒ Malaysia
- ☒ Slovakia
- ☒ Slovenia
- ☒ Thailand
- ☒ Viet Nam
- ☒ Montenegro
- ☒ Philippines
- ☒ South Africa
- ☒ Taiwan, China
- ☒ North Macedonia
- ☒ United Republic of Tanzania
- ☒ United Kingdom of Great Britain and Northern Ireland

(3.1.1.9) Organization-specific description of risk

循環型経済への消費者ニーズが高まり、当社のリサイクル可能容器への対応が十分でないと、需要減少などのリスクが考えられる。

(3.1.1.11) Primary financial effect of the risk

Select from:

- ☒ Disruption to sales

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

Select all that apply

- ☒ Medium-term
- ☒ Long-term

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

Select from:

- ☒ More likely than not

(3.1.1.14) Magnitude

Select from:

- ☒ Medium

(3.1.1.16) Anticipated effect of the risk on the financial position, financial performance and cash flows of the organization in the selected future time horizons

中・長期的には、消費者ニーズの変化が影響し、ビジネスの失注などがリスクとして考えられる。

(3.1.1.26) Primary response to risk

Diversification

- ☒ Develop new products, services and/or markets

(3.1.1.29) Description of response

顧客及び市場の気候変動対応に伴うニーズの変化に対して、リサイクル可能容器の開発を進める事で、製品需要の確保と収益性の維持に努める。

Climate change

(3.1.1.1) Risk identifier

Select from:

☒ Risk2

(3.1.1.3) Risk types and primary environmental risk driver

Market

☒ Increased costs and/or uncertainties related to the cost of virgin plastics

(3.1.1.4) Value chain stage where the risk occurs

Select from:

☒ Upstream value chain

(3.1.1.6) Country/area where the risk occurs

Select all that apply

- | | |
|--|--|
| <input checked="" type="checkbox"/> Peru | <input checked="" type="checkbox"/> Kenya |
| <input checked="" type="checkbox"/> China | <input checked="" type="checkbox"/> Nepal |
| <input checked="" type="checkbox"/> India | <input checked="" type="checkbox"/> Brazil |
| <input checked="" type="checkbox"/> Italy | <input checked="" type="checkbox"/> Malawi |
| <input checked="" type="checkbox"/> Japan | <input checked="" type="checkbox"/> Mexico |
| <input checked="" type="checkbox"/> Poland | <input checked="" type="checkbox"/> Austria |
| <input checked="" type="checkbox"/> Serbia | <input checked="" type="checkbox"/> Burundi |
| <input checked="" type="checkbox"/> Turkey | <input checked="" type="checkbox"/> Croatia |
| <input checked="" type="checkbox"/> Uganda | <input checked="" type="checkbox"/> Czechia |
| <input checked="" type="checkbox"/> Zambia | <input checked="" type="checkbox"/> Germany |
| <input checked="" type="checkbox"/> Hungary | <input checked="" type="checkbox"/> Malaysia |
| <input checked="" type="checkbox"/> Namibia | <input checked="" type="checkbox"/> Slovakia |
| <input checked="" type="checkbox"/> Romania | <input checked="" type="checkbox"/> Slovenia |
| <input checked="" type="checkbox"/> Ukraine | <input checked="" type="checkbox"/> Thailand |
| <input checked="" type="checkbox"/> Botswana | <input checked="" type="checkbox"/> Viet Nam |

- ☒ Zimbabwe
- ☒ Indonesia
- ☒ Mauritius
- ☒ Singapore
- ☒ Bangladesh
- ☒ Brunei Darussalam
- ☒ Russian Federation
- ☒ Bosnia & Herzegovina
- ☒ Hong Kong SAR, China
- ☒ United States of America

- ☒ Montenegro
- ☒ Philippines
- ☒ South Africa
- ☒ Taiwan, China
- ☒ North Macedonia
- ☒ United Republic of Tanzania
- ☒ United Kingdom of Great Britain and Northern Ireland

(3.1.1.9) Organization-specific description of risk

塗料の原材料として使われる化学品や鉱物資源は、その生産過程でのエネルギー消費による GHG 排出や水の消費を伴う気候変動対応が求められる中で、各供給元における移行リスク対応や物理リスクへの対策に多くのコストが発生する事が予想され、また、原材料によっては継続的な供給が困難になるケースが考えられる（化石燃料由来原材料のバイオマス由来原材料への切り替えなど）。

(3.1.1.11) Primary financial effect of the risk

Select from:

- ☒ Increased production costs

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

Select all that apply

- ☒ Short-term
- ☒ Medium-term
- ☒ Long-term
- ☒ The risk has already had a substantive effect on our organization in the reporting year

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

Select from:

☒ Very likely

(3.1.1.14) Magnitude

Select from:

☒ Medium-high

(3.1.1.15) Effect of the risk on the financial position, financial performance and cash flows of the organization in the reporting year

原材料のコストアップと代替え原材料への切り替えに伴う様々な負担が発生する

(3.1.1.16) Anticipated effect of the risk on the financial position, financial performance and cash flows of the organization in the selected future time horizons

原材料コストのアップと代替え原材料への切り替えに伴う様々な負担が発生する。

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

Select from:

☒ Yes

(3.1.1.18) Financial effect figure in the reporting year (currency)

1018000000

(3.1.1.19) Anticipated financial effect figure in the short-term – minimum (currency)

339500000

(3.1.1.20) Anticipated financial effect figure in the short-term – maximum (currency)

3395000000

(3.1.1.21) Anticipated financial effect figure in the medium-term – minimum (currency)

339500000

(3.1.1.22) Anticipated financial effect figure in the medium-term – maximum (currency)

3395000000

(3.1.1.23) Anticipated financial effect figure in the long-term – minimum (currency)

339500000

(3.1.1.24) Anticipated financial effect figure in the long-term – maximum (currency)

3395000000

(3.1.1.25) Explanation of financial effect figure

気候変動による原材料供給リスクの内、数値化出来る原材料コストの財務効果のみについて試算した。原材料コストの1%から10%を想定した。

(3.1.1.26) Primary response to risk

Diversification

☒ Develop new products, services and/or markets

(3.1.1.27) Cost of response to risk

6000000000

(3.1.1.28) Explanation of cost calculation

研究開発費（連結で100億円）の約6割をリスクに対する対応費として、試算した。

(3.1.1.29) Description of response

原材料コストの増加や持続的な供給体制不安に対して、代替え原材料の探索、価格転化、新製品による代替えを進める事で、製品供給の確保と収益性の維持に努める。

Climate change

(3.1.1.1) Risk identifier

Select from:

☒ Risk3

(3.1.1.3) Risk types and primary environmental risk driver

Market

☒ Changing customer behavior

(3.1.1.4) Value chain stage where the risk occurs

Select from:

☒ Downstream value chain

(3.1.1.6) Country/area where the risk occurs

Select all that apply

☒ Peru

☒ China

☒ India

☒ Italy

☒ Japan

☒ Poland

☒ Serbia

☒ Turkey

☒ Uganda

☒ Zambia

☒ Hungary

☒ Namibia

☒ Kenya

☒ Nepal

☒ Brazil

☒ Malawi

☒ Mexico

☒ Austria

☒ Burundi

☒ Croatia

☒ Czechia

☒ Germany

☒ Malaysia

☒ Slovakia

- ☒ Romania
- ☒ Ukraine
- ☒ Botswana
- ☒ Zimbabwe
- ☒ Indonesia
- ☒ Mauritius
- ☒ Singapore
- ☒ Bangladesh
- ☒ Brunei Darussalam
- ☒ Russian Federation
- ☒ Bosnia & Herzegovina
- ☒ Hong Kong SAR, China
- ☒ United States of America

- ☒ Slovenia
- ☒ Thailand
- ☒ Viet Nam
- ☒ Montenegro
- ☒ Philippines
- ☒ South Africa
- ☒ Taiwan, China
- ☒ North Macedonia
- ☒ United Republic of Tanzania
- ☒ United Kingdom of Great Britain and Northern Ireland

(3.1.1.9) Organization-specific description of risk

顧客側の気候変動対応により低 GHG 排出量製品、サービスのニーズが高まりつつある。今後、カーボンフットプリントによるサプライヤー選定などのリスクが考えられる。

(3.1.1.11) Primary financial effect of the risk

Select from:

- ☒ Disruption to sales

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

Select all that apply

- ☒ Medium-term
- ☒ Long-term

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

Select from:

☒ Likely

(3.1.1.14) Magnitude

Select from:

☒ Medium-high

(3.1.1.16) Anticipated effect of the risk on the financial position, financial performance and cash flows of the organization in the selected future time horizons

中・長期的には、サプライヤー選定に自社の気候変動対応状況が影響し、ビジネスの失注などがリスクとして考えられる。

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

Select from:

☒ Yes

(3.1.1.21) Anticipated financial effect figure in the medium-term – minimum (currency)

5000000000

(3.1.1.22) Anticipated financial effect figure in the medium-term – maximum (currency)

10000000000

(3.1.1.23) Anticipated financial effect figure in the long-term – minimum (currency)

5000000000

(3.1.1.24) Anticipated financial effect figure in the long-term – maximum (currency)

10000000000

(3.1.1.25) Explanation of financial effect figure

このリスクが及ぼす事業は、自動車・工業が該当し、本ビジネスにおける売り上げの1.5%~3.0%の影響があると推定している。

(3.1.1.26) Primary response to risk

Diversification

☒ Develop new products, services and/or markets

(3.1.1.27) Cost of response to risk

6000000000

(3.1.1.28) Explanation of cost calculation

研究開発費（連結で100億円）の約6割をリスクに対する対応費として、試算した。

(3.1.1.29) Description of response

顧客及び市場の気候変動対応に伴うニーズの変化に対して、代替え製品の開発、技術探索、原材料変更を進める事で、製品供給の確保と収益性の維持に努める。
[Add row]

(3.1.2) Provide the amount and proportion of your financial metrics from the reporting year that are vulnerable to the substantive effects of environmental risks.

Climate change

(3.1.2.1) Financial metric

Select from:

☒ Other, please specify :原材料コスト

(3.1.2.2) Amount of financial metric vulnerable to transition risks for this environmental issue (unit currency as selected in 1.2)

1018000000

(3.1.2.3) % of total financial metric vulnerable to transition risks for this environmental issue

Select from:

☒ 11-20%

(3.1.2.4) Amount of financial metric vulnerable to physical risks for this environmental issue (unit currency as selected in 1.2)

0

(3.1.2.5) % of total financial metric vulnerable to physical risks for this environmental issue

Select from:

☒ Less than 1%

(3.1.2.7) Explanation of financial figures

気候変動による原材料費増は、8 億 7000 万円で、総売り上げの 1%から 10%に相当する。報告年には、物理リスクには晒されていない。

Water

(3.1.2.1) Financial metric

Select from:

☒ Other, please specify :報告年での該当はなし。

(3.1.2.2) Amount of financial metric vulnerable to transition risks for this environmental issue (unit currency as selected in 1.2)

0

(3.1.2.3) % of total financial metric vulnerable to transition risks for this environmental issue

Select from:

☒ Less than 1%

(3.1.2.4) Amount of financial metric vulnerable to physical risks for this environmental issue (unit currency as selected in 1.2)

0

(3.1.2.5) % of total financial metric vulnerable to physical risks for this environmental issue

Select from:

☒ Less than 1%

(3.1.2.7) Explanation of financial figures

報告年には水リスクの影響は無し。

[Add row]

(3.2) Within each river basin, how many facilities are exposed to substantive effects of water-related risks, and what percentage of your total number of facilities does this represent?

Row 1

(3.2.1) Country/Area & River basin

Zimbabwe

☒ Other, please specify :Narmada River, Sabi River, Vshishti River, Beas River, Zuari, Ganga River, Ponnaiyar, Daman Ganga (India), Gediz River (Turkey), Olifants, Mgeni, Sondags (South Africa)

(3.2.2) Value chain stages where facilities at risk have been identified in this river basin

Select all that apply

☒ Direct operations

(3.2.3) Number of facilities within direct operations exposed to water-related risk in this river basin

9

(3.2.4) % of your organization's total facilities within direct operations exposed to water-related risk in this river basin

Select from:

☒ 1-25%

(3.2.10) % organization's total global revenue that could be affected

Select from:

☒ 1-10%

(3.2.11) Please explain

前述で算出した水リスクの影響額は、年間売上の1%から10%にあてはまる。

[Add row]

(3.3) In the reporting year, was your organization subject to any fines, enforcement orders, and/or other penalties for water-related regulatory violations?

	Water-related regulatory violations
	Select from: <input checked="" type="checkbox"/> No

[Fixed row]

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

Select from:

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

(3.5.4) What is your strategy for complying with the systems you are regulated by or anticipate being regulated by?

弊社は2050年に目指す姿として、脱炭素の実現を含む4つのマテリアリティと、これらの目標を達成するための中期目標としてKPI2030を設定しました。KPI2030は具体的な数値目標であり、その中には、GHG（Scope1、Scope2）を2021年度比で30%削減すること、再エネ使用率を15%以上にすること、エネルギー消費量を2021年度比で20%削減することが含まれています。これらは日本の産業部門が目指すCO2削減目標(2013年比46%削減)よりもさらに踏み込んだ目標となっています。KPI2030を達成するための取り組みとして、報告年においてはグループ会社である久保孝ペイント株式会社、KANSAI パウダーコーティングス株式会社、Kansai Altan Boya Sanayi ve Ticaret A.Ş. (KABS) で再生可能エネルギーへの切り替えを行い、結果として再生エネルギー使用率が13.4%まで上昇しました。Kansai Altan Boya Sanayi ve Ticaret A.Ş. また、私たちが目指す社会像は、単に炭素排出の削減だけでなく、QOL（生命の質・生活の質）の向上、資源と経済循環の高度化、そして多様な人材が活躍するグループへの変革も含まれます。私たちは、サステナビリティ売上の比率を30%以上にすることで、QOLの向上を実現し、水使用量を20%減らし、廃棄物を30%削減し、リサイクル容器を50%以上にすることで、資源と経済循環の高度化に貢献していきます。また、私たちが目指す社会像は、単に炭素排出の削減だけでなく、QOL（生命の質・生活の質）の向上、資源と経済循環の高度化、そして多様な人材が活躍するグループへの変革も含まれます。私たちは、サステナビリティ売上の比率を30%以上にすることで、QOLの向上を実現し、水使用量を20%減らし、廃棄物を30%削減し、リサイクル容器を50%以上にすることで、資源と経済循環の高度化に貢献していきます。

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

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

[Fixed row]

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

Climate change

(3.6.1.1) Opportunity identifier

Select from:

☒ Opp1

(3.6.1.3) Opportunity type and primary environmental opportunity driver

Markets

☒ Increased availability of products with reduced environmental impact [other than certified products]

(3.6.1.4) Value chain stage where the opportunity occurs

Select from:

☒ Upstream value chain

(3.6.1.5) Country/area where the opportunity occurs

Select all that apply

☒ Peru

☒ China

☒ India

☒ Italy

☒ Japan

☒ Poland

☒ Serbia

☒ Turkey

☒ Uganda

☒ Kenya

☒ Nepal

☒ Brazil

☒ Malawi

☒ Mexico

☒ Austria

☒ Burundi

☒ Croatia

☒ Czechia

- ☒ Zambia
- ☒ Hungary
- ☒ Namibia
- ☒ Romania
- ☒ Ukraine
- ☒ Botswana
- ☒ Zimbabwe
- ☒ Indonesia
- ☒ Mauritius
- ☒ Singapore
- ☒ Bangladesh
- ☒ Brunei Darussalam
- ☒ Russian Federation
- ☒ Bosnia & Herzegovina
- ☒ Hong Kong SAR, China
- ☒ United States of America

- ☒ Germany
- ☒ Malaysia
- ☒ Slovakia
- ☒ Slovenia
- ☒ Thailand
- ☒ Viet Nam
- ☒ Montenegro
- ☒ Philippines
- ☒ South Africa
- ☒ Taiwan, China
- ☒ North Macedonia
- ☒ United Republic of Tanzania
- ☒ United Kingdom of Great Britain and Northern Ireland

(3.6.1.8) Organization specific description

焼き付け回数の少ない・焼付温度が低い塗装製品。自動車 OEM 塗料は、塗料由来の CO2 発生量は大きくないが、自動車製造工程においてボディー部の塗装工程で発生する CO2 は製造工場が発生する全 CO2 量の約 20% と大きな部分を占めている。当社の取引先である各自動車メーカーは CO2 排出量削減を進めており、製造工程で発生する CO2 量の削減が大きな課題となっている。焼き付け回数の削減や焼き付け温度の低温化はそうした顧客ニーズに合致しており、競合優位性を増し、売上増に繋がる可能性が高い。当社は既に、従来品よりも焼き付け回数が少ない塗料・工程や焼付温度の低温化を実現しており、蓄積した技術・ノウハウをベースに、更なる焼付回数削減・低温化を進める。ここでは、これらに関連する製品を低炭素製品と呼称する。

(3.6.1.9) Primary financial effect of the opportunity

Select from:

- ☒ Increased revenues resulting from increased demand for products and services

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

Select all that apply

- ☒ Short-term
- ☒ Medium-term
- ☒ Long-term
- ☒ The opportunity has already had a substantive effect on our organization in the reporting year

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

Select from:

- ☒ Virtually certain (99–100%)

(3.6.1.12) Magnitude

Select from:

- ☒ Medium-high

(3.6.1.13) Effect of the opportunity on the financial position, financial performance and cash flows of the organization in the reporting period

・財務状況への影響 低炭素製品の導入により、関西ペイントは持続可能な製品ラインアップを強化し、市場シェアをより拡大することができます。これにより、新規顧客の獲得および既存顧客の維持が促進され、安定した売上増加が期待されます。特に環境意識の高い企業や消費者が増加しているため、低炭素製品の競争優位性を高めることにより長期的な財務健全性を強化します。・低炭素製品の販売が増加することで、売上高と利益率の向上が見込まれます。具体的には、焼付回数が少ない塗料や低温焼付塗装などの低炭素製品は、顧客塗料使用時（塗装時）のエネルギーコスト削減にも寄与する為、付加価値が高く、販売価格の上昇の可能性が高まります。また、環境規制の強化に伴い、従来の高炭素製品に対する需要が減少する一方で、低炭素製品の需要が増加するため、マーケットシフトに伴う売上構成の改善が期待されます。・キャッシュフローへの影響 低炭素製品の導入と販売拡大により、短期的には研究開発費や設備投資の増加が見込まれるものの、長期的には売上増加に伴うキャッシュフローの改善が期待されます。また、顧客のエネルギーコスト削減に貢献する製品は、長期契約やリピートビジネスを促進し、安定したキャッシュフローを生み出す基盤となります。さらに、環境規制への適応や環境性能の向上により、将来的な規制リスクの回避と関連コストの削減も期待されます。

(3.6.1.14) Anticipated effect of the opportunity on the financial position, financial performance and cash flows of the organization in the selected future time horizons

短期・中期・長期の影響 1. 財務状況への影響 市場シェアの拡大: 中期的には、低炭素製品（焼付回数が少ない塗料や低温焼付塗装）の市場シェアが拡大します。環境意識の高まりと規制強化により、これらの製品に対する需要が増加し、売上の安定的な成長が期待されます。競争優位性の確立: 低炭素製品のラインアップ強化

により、競合他社との差別化が図れ、市場における競争優位性が高まります。これにより、持続可能な成長基盤が強化されます。2. 財務パフォーマンスへの影響
収益性の向上: 高付加価値の低炭素製品に対するプレミアム価格設定が可能となり、売上高および利益率の向上が見込まれます。3. キャッシュフローへの影響
安定したキャッシュフロー: 新規顧客の獲得および既存顧客の維持により、安定したキャッシュフローの確保が可能となります。また、エネルギー効率の高い製品により顧客満足度が向上し、長期的な取引関係が強化されます。

(3.6.1.15) Are you able to quantify the financial effects of the opportunity?

Select from:

☒ Yes

(3.6.1.16) Financial effect figure in the reporting year (currency)

900000000

(3.6.1.17) Anticipated financial effect figure in the short-term - minimum (currency)

1700000000

(3.6.1.18) Anticipated financial effect figure in the short-term – maximum (currency)

3500000000

(3.6.1.19) Anticipated financial effect figure in the medium-term - minimum (currency)

3500000000

(3.6.1.20) Anticipated financial effect figure in the medium-term - maximum (currency)

6900000000

(3.6.1.21) Anticipated financial effect figure in the long-term - minimum (currency)

3500000000

(3.6.1.22) Anticipated financial effect figure in the long-term – maximum (currency)

6900000000

(3.6.1.23) Explanation of financial effect figures

気候変動への対応によって生じる機会は、顧客ニーズに基づき、主に自動車用塗料分野及び工業向け塗料分野に影響を及ぼすと予想される。報告年においては、自動車用塗料売り上げの約0.5%が該当すると考えられる。短期・中期・長期においては、自動車用塗料のみならず、工業塗料の売上にも影響が拡大すると想定され、短期的には0.5%から1.0%、中長期的には1.0%から2.0%の売上増が見込まれる。

(3.6.1.24) Cost to realize opportunity

6000000000

(3.6.1.25) Explanation of cost calculation

研究開発費（連結で100億円）の約6割をリスクに対する対応費として、試算した。

(3.6.1.26) Strategy to realize opportunity

自動車、工業分野で高まる気候変動対策のニーズに対し、個々の顧客や地域における細かなニーズに早急に答える事が出来る製品の開発、技術展開を進める。

Water

(3.6.1.1) Opportunity identifier

Select from:

☒ Opp2

(3.6.1.3) Opportunity type and primary environmental opportunity driver

Products and services

☒ Reduced impact of product use on water resources

(3.6.1.4) Value chain stage where the opportunity occurs

Select from:

☒ Upstream value chain

(3.6.1.5) Country/area where the opportunity occurs

Select all that apply

- | | |
|--|--|
| <input checked="" type="checkbox"/> Peru | <input checked="" type="checkbox"/> Kenya |
| <input checked="" type="checkbox"/> China | <input checked="" type="checkbox"/> Nepal |
| <input checked="" type="checkbox"/> India | <input checked="" type="checkbox"/> Brazil |
| <input checked="" type="checkbox"/> Italy | <input checked="" type="checkbox"/> Malawi |
| <input checked="" type="checkbox"/> Japan | <input checked="" type="checkbox"/> Mexico |
| <input checked="" type="checkbox"/> Poland | <input checked="" type="checkbox"/> Austria |
| <input checked="" type="checkbox"/> Serbia | <input checked="" type="checkbox"/> Burundi |
| <input checked="" type="checkbox"/> Turkey | <input checked="" type="checkbox"/> Croatia |
| <input checked="" type="checkbox"/> Uganda | <input checked="" type="checkbox"/> Czechia |
| <input checked="" type="checkbox"/> Zambia | <input checked="" type="checkbox"/> Germany |
| <input checked="" type="checkbox"/> Hungary | <input checked="" type="checkbox"/> Malaysia |
| <input checked="" type="checkbox"/> Namibia | <input checked="" type="checkbox"/> Slovakia |
| <input checked="" type="checkbox"/> Romania | <input checked="" type="checkbox"/> Slovenia |
| <input checked="" type="checkbox"/> Ukraine | <input checked="" type="checkbox"/> Thailand |
| <input checked="" type="checkbox"/> Botswana | <input checked="" type="checkbox"/> Viet Nam |
| <input checked="" type="checkbox"/> Zimbabwe | <input checked="" type="checkbox"/> Montenegro |
| <input checked="" type="checkbox"/> Indonesia | <input checked="" type="checkbox"/> Philippines |
| <input checked="" type="checkbox"/> Mauritius | <input checked="" type="checkbox"/> South Africa |
| <input checked="" type="checkbox"/> Singapore | <input checked="" type="checkbox"/> Taiwan, China |
| <input checked="" type="checkbox"/> Bangladesh | <input checked="" type="checkbox"/> North Macedonia |
| <input checked="" type="checkbox"/> Brunei Darussalam | <input checked="" type="checkbox"/> United Republic of Tanzania |
| <input checked="" type="checkbox"/> Russian Federation | <input checked="" type="checkbox"/> United Kingdom of Great Britain and Northern Ireland |
| <input checked="" type="checkbox"/> Bosnia & Herzegovina | |
| <input checked="" type="checkbox"/> Hong Kong SAR, China | |
| <input checked="" type="checkbox"/> United States of America | |

(3.6.1.6) River basin where the opportunity occurs

Select all that apply

- ☒ Olifants
- ☒ Other, please specify :Narmada River, Sabi River, Vshishti River, Beas River, Zuari, Ganga River, Ponnaiyar, Daman Ganga (India)

(3.6.1.8) Organization specific description

粉体塗料は、自社における生産工程、及び、下流における塗料の塗装・焼付工程で水を殆ど使用しないことから、水性塗料の代替としてビジネスを伸ばす機会がある。

(3.6.1.9) Primary financial effect of the opportunity

Select from:

- ☒ Other, please specify

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

Select all that apply

- ☒ Medium-term
- ☒ Long-term

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

Select from:

- ☒ Likely (66–100%)

(3.6.1.12) Magnitude

Select from:

- ☒ Medium

(3.6.1.14) Anticipated effect of the opportunity on the financial position, financial performance and cash flows of the organization in the selected future time horizons

粉体塗料は、大気、水汚染などの環境影響を抑制すると共に水資源の有効な活用に繋がるものとして、今後、そのニーズが高まると考えている。

(3.6.1.15) Are you able to quantify the financial effects of the opportunity?

Select from:

☒ Yes

(3.6.1.19) Anticipated financial effect figure in the medium-term - minimum (currency)

3400000000

(3.6.1.20) Anticipated financial effect figure in the medium-term - maximum (currency)

6800000000

(3.6.1.21) Anticipated financial effect figure in the long-term - minimum (currency)

3400000000

(3.6.1.22) Anticipated financial effect figure in the long-term – maximum (currency)

6800000000

(3.6.1.23) Explanation of financial effect figures

粉体塗料の水資源有効利用の特性からニーズが高まり、販売量が増加する。

(3.6.1.24) Cost to realize opportunity

600000000

(3.6.1.25) Explanation of cost calculation

研究開発費（100 億）の 6 割が気候変動のリスク対応であり、その内の 1 割は粉体塗料関係の機会を実現する為の費用となる。

(3.6.1.26) Strategy to realize opportunity

粉体塗料が有する水資源有効利用の特性及びその他環境影響を明確に評価し、顧客への働きかけを行なう。

[Add row]

(3.6.2) Provide the amount and proportion of your financial metrics in the reporting year that are aligned with the substantive effects of environmental opportunities.

Climate change

(3.6.2.1) Financial metric

Select from:

☒ Revenue

(3.6.2.2) Amount of financial metric aligned with opportunities for this environmental issue (unit currency as selected in 1.2)

900000000

(3.6.2.3) % of total financial metric aligned with opportunities for this environmental issue

Select from:

☒ Less than 1%

(3.6.2.4) Explanation of financial figures

気候変動への対応によって生じる機会は、顧客ニーズに基づき、主に自動車用塗料分野及び工業向け塗料分野に影響を及ぼすと予想される。報告年においては、自動車用塗料売り上げの約**0.5%**が該当すると考えられる。

Water

(3.6.2.1) Financial metric

Select from:

☒ Revenue

(3.6.2.2) Amount of financial metric aligned with opportunities for this environmental issue (unit currency as selected in 1.2)

0

(3.6.2.3) % of total financial metric aligned with opportunities for this environmental issue

Select from:

☒ Less than 1%

(3.6.2.4) Explanation of financial figures

報告年には、水に関する影響は無い。

[Add row]

C4. Governance

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

(4.1.1) Board of directors or equivalent governing body

Select from:

☒ Yes

(4.1.2) Frequency with which the board or equivalent meets

Select from:

☒ More frequently than quarterly

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

Select all that apply

☒ Executive directors or equivalent

☒ Non-executive directors or equivalent

☒ Independent non-executive directors or equivalent

(4.1.4) Board diversity and inclusion policy

Select from:

☒ Yes, and it is publicly available

(4.1.5) Briefly describe what the policy covers

2025年3月期 有価証券報告書において、戦略として設定した4つのマテリアリティの1つとして、以下を記載しております。多様な人材が活躍するグループへ：あらゆる違い（性別・国籍・人種・宗教・バックグラウンド・年齢・障がい・性的指向）を受容し、人材の多様性推進を図る。・グローバルでの理念共有や人材育成を図るとともに、運営のローカライゼーションを図ります・公平な人材育成と登用により、グループ全体の管理職に占める女性比率30%以上（2030年）を目指します女性活躍の推進を図り、役員の女性比率30%達成（2030年）を目指します・多様な働き方の実現を通じて、多様な人材の活躍を促進します・年齢を超えた技術やノウハウの継承を図り、関西ペイントグループに対するお客様からの信頼を継続します・関西ペイントが100年以上にわたって作り上げてきた想

いや行動規範を KP way として全従業員へ周知・啓蒙します (2030 年目標) : 社員へ 100 % 周知、啓蒙・全社員のエンゲージメントを図るため、社員エンゲージメントサーベイの実施目標を今年度掲げました。社員エンゲージメントサーベイ実施率 (2030 年目標) : 100 % ・健康経営の項目を 2024 年度に定め、健康経営の実施目標を今年度掲げました。健康経営実施カバー率 (2030 年度目標) : 100 %

(4.1.6) Attach the policy (optional)

4.1.pdf
[Fixed row]

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

	Board-level oversight of this environmental issue
Climate change	Select from: <input checked="" type="checkbox"/> Yes
Water	Select from: <input checked="" type="checkbox"/> Yes
Biodiversity	Select from: <input checked="" type="checkbox"/> Yes

[Fixed row]

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

Climate change

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

Select all that apply

- ☒ Director on board
- ☒ President

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

Select from:

- ☒ Yes

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

Select all that apply

- ☒ Individual role descriptions

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

Select from:

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

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

Select all that apply

- | | |
|---|---|
| <input checked="" type="checkbox"/> Reviewing and guiding annual budgets | <input checked="" type="checkbox"/> Monitoring the implementation of the business strategy |
| <input checked="" type="checkbox"/> Overseeing the setting of corporate targets | <input checked="" type="checkbox"/> Monitoring the implementation of a climate transition plan |
| <input checked="" type="checkbox"/> Monitoring progress towards corporate targets | <input checked="" type="checkbox"/> Overseeing and guiding the development of a business strategy |
| <input checked="" type="checkbox"/> Reviewing and guiding innovation/R&D priorities | |
| <input checked="" type="checkbox"/> Overseeing and guiding major capital expenditures | |

(4.1.2.7) Please explain

2022 年 4 月より、「サステナビリティ推進委員会」を経営監理委員会に組み入れ、方針の明確化とモニタリングを行う体制を整えました。2024 年 4 月からはサステナビリティ担当役員及び専門部署のサステナビリティ戦略部を設置しています。サステナビリティ戦略部が担うのはサステナビリティ経営を体現する全社戦略企画、並びに各子会社・部署と連携した情報の収集分析・具体案立案・推進支援です。今後、事業部門と一体となって、長期的な企業価値向上に取り組んでいきます。そして、KPI に関する計画と進捗を四半期毎に経営会議・取締役会へ報告し、取締役会における監視の徹底に努めます。

Water

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

Select all that apply

- ☒ Director on board
- ☒ President

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

Select from:

- ☒ Yes

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

Select all that apply

- ☒ Individual role descriptions

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

Select from:

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

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

Select all that apply

- | | |
|---|---|
| <input checked="" type="checkbox"/> Reviewing and guiding annual budgets | <input checked="" type="checkbox"/> Monitoring the implementation of the business strategy |
| <input checked="" type="checkbox"/> Overseeing the setting of corporate targets | <input checked="" type="checkbox"/> Overseeing and guiding the development of a business strategy |
| <input checked="" type="checkbox"/> Monitoring progress towards corporate targets | <input checked="" type="checkbox"/> Overseeing and guiding the development of a climate transition plan |
| <input checked="" type="checkbox"/> Reviewing and guiding innovation/R&D priorities | |
| <input checked="" type="checkbox"/> Overseeing and guiding major capital expenditures | |

(4.1.2.7) Please explain

2022 年 4 月より、「サステナビリティ推進委員会」を経営監理委員会に組み入れ、方針の明確化とモニタリングを行う体制を整えました。2024 年 4 月からはサステナビリティ担当役員及び専門部署のサステナビリティ戦略部を設置しています。サステナビリティ戦略部が担うのはサステナビリティ経営を体現する全社戦略企画、並びに各子会社・部署と連携した情報の収集分析・具体案立案・推進支援です。今後、事業部門と一体となって、長期的な企業価値向上に取り組んでいきます。そして、KPI に関する計画と進捗を四半期毎に経営会議・取締役会へ報告し、取締役会における監視の徹底に努めます。

Biodiversity

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

Select all that apply

- ☒ Director on board
- ☒ President

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

Select from:

- ☒ Yes

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

Select all that apply

- ☒ Individual role descriptions

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

Select from:

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

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

Select all that apply

- | | |
|---|---|
| <input checked="" type="checkbox"/> Reviewing and guiding annual budgets | <input checked="" type="checkbox"/> Monitoring the implementation of the business strategy |
| <input checked="" type="checkbox"/> Overseeing the setting of corporate targets | <input checked="" type="checkbox"/> Overseeing and guiding the development of a business strategy |
| <input checked="" type="checkbox"/> Monitoring progress towards corporate targets | <input checked="" type="checkbox"/> Overseeing and guiding the development of a climate transition plan |

- ☒ Reviewing and guiding innovation/R&D priorities
- ☒ Overseeing and guiding major capital expenditures

(4.1.2.7) Please explain

2022 年 4 月より、「サステナビリティ推進委員会」を経営監理委員会に組み入れ、方針の明確化とモニタリングを行う体制を整えました。2024 年 4 月からはサステナビリティ担当役員及び専門部署のサステナビリティ戦略部を設置しています。サステナビリティ戦略部が担うのはサステナビリティ経営を体現する全社戦略企画、並びに各子会社・部署と連携した情報の収集分析・具体案立案・推進支援です。今後、事業部門と一体となって、長期的な企業価値向上に取り組んでいきます。そして、KPI に関する計画と進捗を四半期毎に経営会議・取締役会へ報告し、取締役会における監視の徹底に努めます。

[Fixed row]

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

Climate change

(4.2.1) Board-level competency on this environmental issue

Select from:

- ☒ Yes

(4.2.2) Mechanisms to maintain an environmentally competent board

Select all that apply

- ☒ Consulting regularly with an internal, permanent, subject-expert working group
- ☒ Engaging regularly with external stakeholders and experts on environmental issues
- ☒ Integrating knowledge of environmental issues into board nominating process
- ☒ Regular training for directors on environmental issues, industry best practice, and standards (e.g., TCFD, SBTi)
- ☒ Having at least one board member with expertise on this environmental issue

(4.2.3) Environmental expertise of the board member

Experience

- ☒ Experience in an organization that is exposed to environmental-scrutiny and is going through a sustainability transition

Water

(4.2.1) Board-level competency on this environmental issue

Select from:

☒ Yes

(4.2.2) Mechanisms to maintain an environmentally competent board

Select all that apply

- ☒ Consulting regularly with an internal, permanent, subject-expert working group
- ☒ Engaging regularly with external stakeholders and experts on environmental issues
- ☒ Integrating knowledge of environmental issues into board nominating process
- ☒ Regular training for directors on environmental issues, industry best practice, and standards (e.g., TCFD, SBTi)
- ☒ Having at least one board member with expertise on this environmental issue

(4.2.3) Environmental expertise of the board member

Experience

- ☒ Experience in an organization that is exposed to environmental-scrutiny and is going through a sustainability transition

[Fixed row]

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

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

[Fixed row]

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

Climate change

(4.3.1.1) Position of individual or committee with responsibility

Executive level

☒ President

(4.3.1.2) Environmental responsibilities of this position

Dependencies, impacts, risks and opportunities

☒ Assessing environmental dependencies, impacts, risks, and opportunities

☒ Assessing future trends in environmental dependencies, impacts, risks, and opportunities

☒ Managing environmental dependencies, impacts, risks, and opportunities

Engagement

- ☒ Managing engagement in landscapes and/or jurisdictions
- ☒ Managing public policy engagement related to environmental issues
- ☒ Managing supplier compliance with environmental requirements
- ☒ Managing value chain engagement related to environmental issues

Policies, commitments, and targets

- ☒ Monitoring compliance with corporate environmental policies and/or commitments
- ☒ Measuring progress towards environmental corporate targets
- ☒ Measuring progress towards environmental science-based targets
- ☒ Setting corporate environmental policies and/or commitments
- ☒ Setting corporate environmental targets

Strategy and financial planning

- ☒ Developing a climate transition plan
- ☒ Implementing a climate transition plan
- ☒ Conducting environmental scenario analysis
- ☒ Managing annual budgets related to environmental issues
- ☒ Implementing the business strategy related to environmental issues
- ☒ Developing a business strategy which considers environmental issues
- ☒ Managing environmental reporting, audit, and verification processes
- ☒ Managing major capital and/or operational expenditures relating to environmental issues
- ☒ Managing priorities related to innovation/low-environmental impact products or services (including R&D)

Other

- ☒ Providing employee incentives related to environmental performance

(4.3.1.4) Reporting line

Select from:

- ☒ Reports to the board directly

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

Select from:

- ☒ More frequently than quarterly

(4.3.1.6) Please explain

・四半期より頻繁に、該当する項目について、サステナビリティ推進委員会から取締役会に報告する。・取締役会「場外討議」を柔軟に設置し、①執行側で進める重要案件について社外取締役の知見を執行に取り入れること ②社外取締役、監査役からのトレーニングを受けること ③社外取締役、監査役と部門長による情報共有及び当社への理解を深めることを頻度高く実行している。

Water

(4.3.1.1) Position of individual or committee with responsibility

Executive level

- ☒ President

(4.3.1.2) Environmental responsibilities of this position

Dependencies, impacts, risks and opportunities

- ☒ Assessing environmental dependencies, impacts, risks, and opportunities
☒ Assessing future trends in environmental dependencies, impacts, risks, and opportunities
☒ Managing environmental dependencies, impacts, risks, and opportunities

Engagement

- ☒ Managing engagement in landscapes and/or jurisdictions
☒ Managing public policy engagement related to environmental issues
☒ Managing supplier compliance with environmental requirements
☒ Managing value chain engagement related to environmental issues

Policies, commitments, and targets

- ☒ Monitoring compliance with corporate environmental policies and/or commitments

- ☒ Measuring progress towards environmental corporate targets
- ☒ Measuring progress towards environmental science-based targets
- ☒ Setting corporate environmental policies and/or commitments
- ☒ Setting corporate environmental targets

Strategy and financial planning

- ☒ Developing a climate transition plan
- ☒ Implementing a climate transition plan
- ☒ Conducting environmental scenario analysis
- ☒ Managing annual budgets related to environmental issues
- ☒ Implementing the business strategy related to environmental issues
- ☒ Developing a business strategy which considers environmental issues
- ☒ Managing environmental reporting, audit, and verification processes
- ☒ Managing major capital and/or operational expenditures relating to environmental issues
- ☒ Managing priorities related to innovation/low-environmental impact products or services (including R&D)

Other

- ☒ Providing employee incentives related to environmental performance

(4.3.1.4) Reporting line

Select from:

- ☒ Reports to the board directly

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

Select from:

- ☒ More frequently than quarterly

(4.3.1.6) Please explain

四半期に一度、該当する項目について、サステナビリティ推進委員会から取締役会に報告する。・取締役会「場外討議」を柔軟に設置し、①執行側で進める重要

案件について社外取締役の知見を執行に取り入れること ②社外取締役、監査役からのトレーニングを受けること ③社外取締役、監査役と部門長による情報共有及び当社への理解を深めることを頻度高く実行している。水ストレスエリアについては、リスクが高いが対策が進んでいない地域を中心に、その地域での管理、監督を強化して行く。インドは、水ストレスエリアであるが、南アフリカ、トルコでは、同レベルの対策が進んでいない為、管理、監督を進めて行く。

Biodiversity

(4.3.1.1) Position of individual or committee with responsibility

Executive level

☒ President

(4.3.1.2) Environmental responsibilities of this position

Dependencies, impacts, risks and opportunities

- ☒ Assessing environmental dependencies, impacts, risks, and opportunities
- ☒ Assessing future trends in environmental dependencies, impacts, risks, and opportunities
- ☒ Managing environmental dependencies, impacts, risks, and opportunities

Engagement

- ☒ Managing engagement in landscapes and/or jurisdictions
- ☒ Managing public policy engagement related to environmental issues
- ☒ Managing supplier compliance with environmental requirements
- ☒ Managing value chain engagement related to environmental issues

Policies, commitments, and targets

- ☒ Monitoring compliance with corporate environmental policies and/or commitments
- ☒ Measuring progress towards environmental corporate targets
- ☒ Measuring progress towards environmental science-based targets
- ☒ Setting corporate environmental policies and/or commitments
- ☒ Setting corporate environmental targets

Strategy and financial planning

- ☒ Developing a climate transition plan
- ☒ Implementing a climate transition plan
- ☒ Conducting environmental scenario analysis
- ☒ Managing annual budgets related to environmental issues
- ☒ Implementing the business strategy related to environmental issues
- ☒ Developing a business strategy which considers environmental issues
- ☒ Managing environmental reporting, audit, and verification processes
- ☒ Managing major capital and/or operational expenditures relating to environmental issues
- ☒ Managing priorities related to innovation/low-environmental impact products or services (including R&D)

Other

- ☒ Providing employee incentives related to environmental performance

(4.3.1.4) Reporting line

Select from:

- ☒ Reports to the board directly

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

Select from:

- ☒ More frequently than quarterly

(4.3.1.6) Please explain

方針を取り決めた段階であり、今後対応を協議して行く予定である。

[Add row]

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

Climate change

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

Select from:

☒ Yes

(4.5.2) % of total C-suite and board-level monetary incentives linked to the management of this environmental issue

27.5

(4.5.3) Please explain

当社の方針・戦略にサステナビリティの観点を統合させ、目指す社会の実現を推進して行く為、役員報酬の中でサステナビリティに関連した指標の連動しています。具体的には以下の通り設定しています。【社内取締役及び執行役員の業績連動報酬（個人評価部分）に係る目標には、サステナビリティに関連する目標が含まれている】

Water

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

Select from:

☒ Yes

(4.5.2) % of total C-suite and board-level monetary incentives linked to the management of this environmental issue

27.5

(4.5.3) Please explain

当社の方針・戦略にサステナビリティの観点を統合させ、目指す社会の実現を推進して行く為、役員報酬の中でサステナビリティに関連した指標の連動しています。具体的には以下の通り設定しています。【社内取締役及び執行役員の業績連動報酬（個人評価部分）に係る目標には、サステナビリティに関連する目標が含まれている】

[Fixed row]

(4.5.1) Provide further details on the monetary incentives provided for the management of environmental issues (do not include the names of individuals).

Climate change

(4.5.1.1) Position entitled to monetary incentive

Board or executive level

☒ Board/Executive board

(4.5.1.2) Incentives

Select all that apply

☒ Bonus - % of salary

(4.5.1.3) Performance metrics

Targets

☒ Achievement of environmental targets

(4.5.1.4) Incentive plan the incentives are linked to

Select from:

☒ Short-Term Incentive Plan, or equivalent, only (e.g. contractual annual bonus)

(4.5.1.5) Further details of incentives

社内取締役及び執行役員の業績連動報酬（個人評価部分）に係る目標には、サステナビリティに関連する目標が含まれており、その達成度によりインセンティブが支払われる。

(4.5.1.6) How the position's incentives contribute to the achievement of your environmental commitments and/or climate transition plan

役員報酬にサステナビリティに関連する目標（環境コミットメントを含む）を含む事によって、気候変動移行計画の達成に向け推進を促す。

Water

(4.5.1.1) Position entitled to monetary incentive

Board or executive level

☒ Board/Executive board

(4.5.1.2) Incentives

Select all that apply

☒ Bonus - % of salary

(4.5.1.3) Performance metrics

Targets

☒ Achievement of environmental targets

(4.5.1.4) Incentive plan the incentives are linked to

Select from:

☒ Short-Term Incentive Plan, or equivalent, only (e.g. contractual annual bonus)

(4.5.1.5) Further details of incentives

社内取締役及び執行役員の業績連動報酬（個人評価部分）に係る目標には、サステナビリティに関連する目標が含まれており、その達成度によりインセンティブが支払われる。

(4.5.1.6) How the position's incentives contribute to the achievement of your environmental commitments and/or climate transition plan

役員報酬にサステナビリティに関連する目標（環境コミットメントを含む）を含む事によって、気候変動移行計画の達成に向け推進を促す。

[Add row]

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

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

[Fixed row]

(4.6.1) Provide details of your environmental policies.

Row 1

(4.6.1.1) Environmental issues covered

Select all that apply

- ☒ Climate change
- ☒ Water
- ☒ Biodiversity

(4.6.1.2) Level of coverage

Select from:

- ☒ Organization-wide

(4.6.1.3) Value chain stages covered

Select all that apply

- ☑ Direct operations
- ☑ Upstream value chain
- ☑ Downstream value chain

(4.6.1.4) Explain the coverage

環境方針のカバレッジ: 当社の環境方針は、全ての事業活動および地理的地域に適用されます。具体的には、以下の要素を含みます：全ての工場および生産部門、全ての事業所およびオフィスなどの非生産部門においても、対象範囲と定めています。 サプライチェーン: サプライチェーン全体にも環境方針を適用し、サプライヤーに対しても同様の環境基準を求めています。 カバーする地域: 当社の環境方針は、特定のバイオームや生態地域にも焦点を当てています。例えば：熱帯雨林や湿地帯等の保護地域を避けて立地選定を実施しています。また、原材料調達政策としても、BCP 対策を意識した持続可能な方法での調達を目指し、改善活動を実施しています。 除外について: 当社の環境方針において除外される要素はありません。すべての地理的地域および事業活動に対して、方針が適用されています。この包括的なアプローチは、環境影響の最小化と持続可能な成長の達成に不可欠であると認識しているためです。

(4.6.1.5) Environmental policy content

Environmental commitments

- ☑ Commitment to No Net Loss
- ☑ Commitment to a circular economy strategy
- ☑ Commitment to no trade of CITES listed species
- ☑ Commitment to respect legally designated protected areas
- ☑ Commitment to comply with regulations and mandatory standards
- ☑ Commitment to take environmental action beyond regulatory compliance
- ☑ Commitment to avoidance of negative impacts on threatened and protected species
- ☑ Commitment to stakeholder engagement and capacity building on environmental issues
- ☑ Commitment to implementation of nature-based solutions that support landscape restoration and long-term protection of natural ecosystems
- ☑ Commitment to engage in integrated, multi-stakeholder landscape (including river basin) initiatives to promote shared sustainability goals

Climate-specific commitments

- ☑ Commitment to net-zero emissions

Water-specific commitments

- ☑ Commitment to reduce water withdrawal volumes
- ☑ Commitment to water stewardship and/or collective action
- ☑ Commitment to reduce or phase out hazardous substances

- ☒ Commitment to control/reduce/eliminate water pollution
- ☒ Commitment to safely managed WASH in local communities
- ☒ Commitment to the conservation of freshwater ecosystems

Social commitments

- ☒ Adoption of the UN International Labour Organization principles
- ☒ Commitment to promote gender equality and women's empowerment
- ☒ Commitment to respect and protect the customary rights to land, resources, and territory of Indigenous Peoples and Local Communities
- ☒ Commitment to respect internationally recognized human rights
- ☒ Commitment to secure Free, Prior, and Informed Consent (FPIC) of indigenous people and local communities

Additional references/Descriptions

- ☒ Other additional reference/description, please specify :地球環境に関する会社方針 1. 人間・環境への影響を配慮した製品を提供する。 2. 人間・環境への影響を予測した事前対策をとる。 3. 環境・安全・健康に対する認識を高め社会に貢献する。 4. 環境・安全・健康に関する情報を開示・提供する。

(4.6.1.6) Indicate whether your environmental policy is in line with global environmental treaties or policy goals

Select all that apply

- ☒ Yes, in line with the Paris Agreement
- ☒ Yes, in line with the Kunming-Montreal Global Biodiversity Framework
- ☒ Yes, in line with Sustainable Development Goal 6 on Clean Water and Sanitation

(4.6.1.7) Public availability

Select from:

- ☒ Publicly available

(4.6.1.8) Attach the policy

4.6.1 (2) .pdf

[Add row]

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

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

Select from:

☒ Yes

(4.10.2) Collaborative framework or initiative

Select all that apply

☒ Task Force on Climate-related Financial Disclosures (TCFD)

(4.10.3) Describe your organization's role within each framework or initiative

当社グループは TCFD 提言の 11 の推奨開示項目を順次開示していく取り組みを進めています。気候変動はもはや人類共通の、誰もが逃れることのできない課題です。当社グループでは経営上の最重要課題の一つととらえ、社内における議論、各方面の知見者からのヒアリングを経て、グループ全体で取り組むことを宣言しました。2021 年 11 月にはその活動の幹となる新しいマテリアリティを公表し、その中で気候変動への取り組みとしての「脱炭素の実現」「資源と経済循環両立の高度化」を掲げています。2021 年 11 月には TCFD への賛同を表明しました。気候変動への取り組みとともに TCFD 提言に基づく情報開示を進めシナリオ分析、リスク機会の特定と情報公開も進めていきます。これらを進めるにあたり、京都大学と産学連携により、当社を取り巻く市場環境における気候変動の影響、グローバルにおける地域特性などに関する検討を行っています。シナリオ分析に当たっては気候変動対応シナリオ（1.5℃）、成り行きシナリオ（4℃）における様々な影響を検討しながら、市場環境の変化を想定します。想定に基づき各事業部門におけるリスクと機会の再評価を進めています。

[Fixed row]

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

(4.11.1) External engagement activities that could directly or indirectly influence policy, law, or regulation that may impact the environment

Select all that apply

☒ Yes, we engaged indirectly through, and/or provided financial or in-kind support to a trade association or other intermediary organization or individual whose activities could influence policy, law, or regulation

(4.11.2) Indicate whether your organization has a public commitment or position statement to conduct your engagement activities in line with global environmental treaties or policy goals

Select from:

- ☒ Yes, we have a public commitment or position statement in line with global environmental treaties or policy goals

(4.11.3) Global environmental treaties or policy goals in line with public commitment or position statement

Select all that apply

- ☒ Paris Agreement
- ☒ Sustainable Development Goal 6 on Clean Water and Sanitation
- ☒ Another global environmental treaty or policy goal, please specify

(4.11.4) Attach commitment or position statement

4.11.pdf

(4.11.5) Indicate whether your organization is registered on a transparency register

Select from:

- ☒ Yes

(4.11.6) Types of transparency register your organization is registered on

Select all that apply

- ☒ Non-government register

(4.11.7) Disclose the transparency registers on which your organization is registered & the relevant ID numbers for your organization

開示できません。

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

サステナビリティ推進委員会は、レスポンシブルケア活動を行う化学品管理委員会及び安全管理委員会を下部組織としており、当社の気候変動対応などを含むサステナビリティ活動と日本化学工業協会が進めるレスポンシブルケア活動の整合性を担保している。

[Fixed row]

(4.11.2) Provide details of your indirect engagement on policy, law, or regulation that may (positively or negatively) impact the environment through trade associations or other intermediary organizations or individuals in the reporting year.

Row 1

(4.11.2.1) Type of indirect engagement

Select from:

☒ Indirect engagement via a trade association

(4.11.2.4) Trade association

Asia and Pacific

☒ Japan Chemical Industry Association

(4.11.2.5) Environmental issues relevant to the policies, laws, or regulations on which the organization or individual has taken a position

Select all that apply

☒ Climate change

☒ Water

(4.11.2.6) Indicate whether your organization's position is consistent with the organization or individual you engage with

Select from:

☒ Consistent

(4.11.2.7) Indicate whether your organization attempted to influence the organization or individual's position in the

reporting year

Select from:

☒ Yes, we publicly promoted their current position

(4.11.2.8) Describe how your organization's position is consistent with or differs from the organization or individual's position, and any actions taken to influence their position

当該の団体は気候変動及び水資源の利用について定期的な情報調査を参加企業に対して行っています。当社はその調査に参加し、適切に情報を提供しています。

(4.11.2.9) Funding figure your organization provided to this organization or individual in the reporting year (currency)

8490000

(4.11.2.10) Describe the aim of this funding and how it could influence policy, law or regulation that may impact the environment

日化協の運営を支援することを目的として資金提供を行っており、日化協はその活動として環境問題を含む政策・法令への情報提供と意見提出を行っている。

(4.11.2.11) Indicate if you have evaluated whether your organization's engagement is aligned with global environmental treaties or policy goals

Select from:

☒ Yes, we have evaluated, and it is aligned

(4.11.2.12) Global environmental treaties or policy goals aligned with your organization's engagement on policy, law or regulation

Select all that apply

☒ Paris Agreement

☒ Sustainable Development Goal 6 on Clean Water and Sanitation

[Add row]

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

Select from:

☒ Yes

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

Row 1

(4.12.1.1) Publication

Select from:

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

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

Select all that apply

☒ GRI

☒ TCFD

☒ Other, please specify :SASB

(4.12.1.3) Environmental issues covered in publication

Select all that apply

☒ Climate change

☒ Water

☒ Biodiversity

(4.12.1.4) Status of the publication

Select from:

☒ Complete

(4.12.1.5) Content elements

Select all that apply

- | | |
|---|---|
| <input checked="" type="checkbox"/> Strategy | <input checked="" type="checkbox"/> Value chain engagement |
| <input checked="" type="checkbox"/> Governance | <input checked="" type="checkbox"/> Public policy engagement |
| <input checked="" type="checkbox"/> Emission targets | <input checked="" type="checkbox"/> Water accounting figures |
| <input checked="" type="checkbox"/> Emissions figures | <input checked="" type="checkbox"/> Water pollution indicators |
| <input checked="" type="checkbox"/> Risks & Opportunities | <input checked="" type="checkbox"/> Content of environmental policies |

(4.12.1.6) Page/section reference

GRI : KansaiPaint_GRI-Standard_2024_J.pdf SASB : KansaiPaint_SASB_2024_J.pdf TCFD : Kansai-Paint-Integrated-Report-2025_jp.pdf

(4.12.1.7) Attach the relevant publication

4 .pdf

(4.12.1.8) Comment

[Add row]

C5. Business strategy

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

Climate change

(5.1.1) Use of scenario analysis

Select from:

☒ Yes

(5.1.2) Frequency of analysis

Select from:

☒ Every three years or less frequently

Water

(5.1.1) Use of scenario analysis

Select from:

☒ No, but we plan to within the next two years

(5.1.3) Primary reason why your organization has not used scenario analysis

Select from:

☒ Lack of internal resources, capabilities, or expertise (e.g., due to organization size)

(5.1.4) Explain why your organization has not used scenario analysis

これまでは気候変動リスクはグローバルで管理、評価していたが、水セキュリティについては、各国毎の管理となっていた。本社の存在する日本については、水資源が豊富なため、水セキュリティについての分析管理の必要性はあまり高く無かった。近年の開示要求制度などの流れを受け、連結グループ会社全体での水セキュリティの把握、分析、管理を始めている。

[Fixed row]

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

Climate change

(5.1.1.1) Scenario used

Climate transition scenarios

☒ IEA NZE 2050

(5.1.1.3) Approach to scenario

Select from:

☒ Qualitative and quantitative

(5.1.1.4) Scenario coverage

Select from:

☒ Business division

(5.1.1.5) Risk types considered in scenario

Select all that apply

☒ Policy

☒ Market

☒ Reputation

☒ Technology

(5.1.1.6) Temperature alignment of scenario

Select from:

☒ 1.5°C or lower

(5.1.1.7) Reference year

2021

(5.1.1.8) Timeframes covered

Select all that apply

☒ 2050

(5.1.1.9) Driving forces in scenario

Finance and insurance

☒ Cost of capital

Stakeholder and customer demands

☒ Consumer attention to impact

Regulators, legal and policy regimes

☒ Global regulation

Direct interaction with climate

☒ On asset values, on the corporate

Macro and microeconomy

☒ Other macro and microeconomy driving forces, please specify :国別の一人当たり GDP

(5.1.1.10) Assumptions, uncertainties and constraints in scenario

【パラメータ】 人口統計は、国連が公表している国・地域別の人口推移予測を採用。GDP については、SSP が試算した数値を採用し、2050 年までの国・地域別の一人当たり GDP を算出している。建築塗料の国・地域別の使用量は ACA 予測から算出。自動車販売台数は、JAMA 公表数値から試算。【仮説】 シナリオ軸として、「温暖化回避シナリオ」として SSP1 を、「温暖化進行シナリオ」として SSP2 を想定している。【分析的選択】 国・地域別に 2050 年までの時間軸をベースに、一人当たり GDP と事業分野ごとに分析し、常用対数回帰モデルにて、定量化を進めている。シナリオについては、定性的なリスクと機会の洗い出しを行

っており、今後、定量化を進めるべく、シミュレーションを重ねている。

(5.1.1.11) Rationale for choice of scenario

IEA の NZE2050 (Net Zero by 2050) シナリオを選択する理由は、気候変動の緩和、エネルギーシステムの変革、経済の持続可能な成長、健康と福祉の向上、国際的な協力とリーダーシップなど、多岐にわたります。このシナリオは、持続可能な未来に向けた包括的かつ現実的な道筋を提供し、企業や政府、社会全体が協力して取り組むべき重要な目標を示しています。関西ペイントにとって、これらの影響を加味した上での長期的な視点で予測は、持続的な事業活動を判定して行く上でも重要であると判断した為、本シナリオを選択した。

Climate change

(5.1.1.1) Scenario used

Climate transition scenarios

☒ IEA STEPS (previously IEA NPS)

(5.1.1.3) Approach to scenario

Select from:

☒ Qualitative and quantitative

(5.1.1.4) Scenario coverage

Select from:

☒ Business division

(5.1.1.5) Risk types considered in scenario

Select all that apply

☒ Policy

☒ Market

☒ Reputation

☒ Technology

(5.1.1.6) Temperature alignment of scenario

Select from:

☒ 4.0°C and above

(5.1.1.7) Reference year

2021

(5.1.1.8) Timeframes covered

Select all that apply

☒ 2050

(5.1.1.9) Driving forces in scenario

Finance and insurance

☒ Cost of capital

Stakeholder and customer demands

☒ Consumer attention to impact

Regulators, legal and policy regimes

☒ Global regulation

Direct interaction with climate

☒ On asset values, on the corporate

Macro and microeconomy

☒ Other macro and microeconomy driving forces, please specify :国別の一人当たり GDP

(5.1.1.10) Assumptions, uncertainties and constraints in scenario

【パラメータ】 人口統計は、国連が公表している国・地域別の人口推移予測を採用。GDP については、SSP が試算した数値を採用し、2050 年までの国・地域別

の一人当たり **GDP** を算出している。建築塗料の国・地域別の使用量は **ACA** 予測から算出。自動車販売台数は、**JAMA** 公表数値から試算。【仮説】シナリオ軸として、「温暖化回避シナリオ」として **SSP1** を、「温暖化進行シナリオ」として **SSP2** を想定している。【分析的選択】国・地域別に **2050** 年までの時間軸をベースに、一人当たり **GDP** と事業分野ごとに分析し、常用対数回帰モデルにて、定量化を進めている。シナリオについては、定性的なリスクと機会の洗い出しを行っており、今後、定量化を進めるべく、シミュレーションを重ねている。

(5.1.1.11) Rationale for choice of scenario

IEA の **STEPS** シナリオを選択する理由は、地政学的リスクやアメリカのパリ協定脱退など温暖化回避シナリオに進まず、温暖化が進行する可能性もある。その為、温暖化の進行により発生する気候変動や海面上昇などの現象から経済、人の生活環境、及び物理リスクについて分析しておく必要があり、本シナリオを選択した。

[Add row]

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

Climate change

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

Select all that apply

- ☒ Risk and opportunities identification, assessment and management
- ☒ Strategy and financial planning
- ☒ Resilience of business model and strategy
- ☒ Capacity building
- ☒ Target setting and transition planning

(5.1.2.2) Coverage of analysis

Select from:

- ☒ Business division

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

■焦点となる問題 当社では、カーボンニュートラル実現への取り組みが焦点となっており、グループ全体での実態調査やシステム化を進めている。自社における事

業活動の脱炭素化に関しては、「調達～生産～物流における CO2 排出削減」「再生エネルギーへの転換」「エネルギー消費量低減」「原材料からの CO2 排出量低減」「職場環境の CO2 排出量低減」などの取り組みを、対象期間ごとの KPI を設定して推進している。原材料供給元との取り組みとして、原材料からの脱炭素化、低炭素化などへの取り組み調査を進めている。お客様・ユーザーにおける塗料利用の脱炭素化の寄与も推進しており、「塗装工程における CO2 排出量低減」「ライフサイクルにおける CO2 排出量削減」などのご提案を行っている。また、社会の脱炭素化への寄与として、脱炭素社会に求められる製品の展開を推進している。■焦点となる問題に関する気候関連シナリオ分析の結果 自動車塗料分野において実施したシナリオ分析の結果として、カーボンニュートラルの実現に関するリスクの内、「公的機関における脱炭素の新規制」「ユーザーにおける脱炭素の厳格化」「化石燃料・石油系資材の価格上昇」「最終顧客の購買力プライオリティの変化」といったリスクが事業へインパクトが大きいものと判断している。それらのリスクへの取り組みとして、従来の「営業、技術、生産、管理」等の社内分断を廃し、部門制に変更したうえで各部門が連携し、「サプライチェーンの効率化」「CO2 排出量低減原材料の適用」「再生可能エネルギーの採用」「生産に限らない全社視点でのエネルギー使用量の削減」「原材料の輸出入削減」「実験設備の使用エネルギー量の削減」などをテーマ化し、具体的な取り組みを推進している。原材料由来のカーボンニュートラル実現が当社にとって財務上、インパクトが大きい課題であると考えている。このリスクに対する対応として、原材料供給元との対話を始めている。

[Fixed row]

(5.2) Does your organization's strategy include a climate transition plan?

(5.2.1) Transition plan

Select from:

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

(5.2.3) Publicly available climate transition plan

Select from:

☒ Yes

(5.2.4) Plan explicitly commits to cease all spending on, and revenue generation from, activities that contribute to fossil fuel expansion

Select from:

☒ Yes

(5.2.5) Description of activities included in commitment and implementation of commitment

当社は2050年までにカーボンニュートラルを達成することをコミットしており、具体的な指標として、KPI2030の中でエネルギー消費量削減、再エネ使用率、GHG排出量削減を公表し、達成に向けて推進しています。当社は化学業界に属し製品製造過程において化石燃料由来の原材料を使用している。この代替原材料などの探索を行っています。

(5.2.7) Mechanism by which feedback is collected from shareholders on your climate transition plan

Select from:

☒ We have a different feedback mechanism in place

(5.2.8) Description of feedback mechanism

定期的に株主とのコミュニケーションの場を設定し、気候移行計画に関する当社の方針、戦略の説明を行うと共に株主側の意見や要望を聞く機会を作っている。

(5.2.9) Frequency of feedback collection

Select from:

☒ More frequently than annually

(5.2.10) Description of key assumptions and dependencies on which the transition plan relies

当社は化学企業であり、現状として化石燃料由来の原材料を扱うと共に製造過程では熱媒など多くのエネルギーを必要としている。更にサプライチェーンの上流の多くは同じく化学企業であり同様の環境リスクを有している。気候移行計画を検討するにあたっては、サプライチェーンを通じた化学燃料由来原料の代替と生産過程におけるGHG排出量の削減を進める必要がある。

(5.2.13) Other environmental issues that your climate transition plan considers

Select all that apply

☒ Plastics

☒ Water

☒ Biodiversity

☒ Other, please specify :化学物質管理

(5.2.14) Explain how the other environmental issues are considered in your climate transition plan

当社の事業活動では、原材料として水を消費している。また、設備の冷却、洗浄においても水を利用しており、気候変動に伴う水資源への影響を重要な環境課題と

捉えている。また、環境への影響が懸念される化学物質の取り扱いを行っており化学物質管理も重要課題と考える。以上に従って、KPI2030の中で取水量の削減を取り上げると共に化学物質管理については自主規制を作成し、維持管理をしている。

[Fixed row]

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

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

Select from:

☒ Yes, both strategy and financial planning

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

Select all that apply

☒ Products and services

☒ Upstream/downstream value chain

☒ Investment in R&D

☒ Operations

[Fixed row]

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

Products and services

(5.3.1.1) Effect type

Select all that apply

☒ Risks

☒ Opportunities

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

Select all that apply

- ☒ Climate change
- ☒ Water

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

当社の事業活動では、原材料として水を消費している。また、設備の冷却、洗浄においても水を利用しており、気候変動に伴う水資源への影響を重要な環境課題と捉えている。また、環境への影響が懸念される化学物質の取り扱いを行っており化学物質管理も重要課題と考える。以上に従って、KPI2030の中で取水量の削減を取り上げると共に化学物質管理については自主規制を作成し、維持管理をしている。

Upstream/downstream value chain

(5.3.1.1) Effect type

Select all that apply

- ☒ Risks
- ☒ Opportunities

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

Select all that apply

- ☒ Climate change
- ☒ Water

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

上流においてはサプライヤー評価及びスコープ3カテゴリ1への影響分析、下流においては販売した製品の加工時の気候変動と水への影響緩和策の提案に繋がっている。環境負荷の低減の観点から、短期的には顧客に塗料供給する容器をリユースするサイクルを構築し、リユース比率を増やしている。中長期的には循環資源の活用として、プラスチックのリサイクルやバイオベース材料の活用について研究開発を進めている。また、廃棄物の低減施策の一つとして塗料の塗装工程における塗装効率を高める技術を顧客とともに実用化を進めている。

Investment in R&D

(5.3.1.1) Effect type

Select all that apply

- ☒ Risks
- ☒ Opportunities

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

Select all that apply

- ☒ Climate change
- ☒ Water

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

当社は KPI2030 の中に気候変動や水、サステナビリティ関連研究テーマ・製品を掲げている。これらの目標の実現に向け、各種目標は研究開発への投資を検討する際の重要な基礎として位置づけている。

Operations

(5.3.1.1) Effect type

Select all that apply

- ☒ Risks
- ☒ Opportunities

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

Select all that apply

- ☒ Climate change
- ☒ Water

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

当社の操業には、気候変動に関わる CO2 排出や、水の取水・消費・排水が関わっており、KPI2030 に関連する項目を掲げている。その実現に向け、気候変動や水に貢献する改善策を講じている。

[Add row]

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

Row 1

(5.3.2.1) Financial planning elements that have been affected

Select all that apply

- ☒ Revenues
- ☒ Direct costs
- ☒ Indirect costs
- ☒ Capital expenditures

(5.3.2.2) Effect type

Select all that apply

- ☒ Risks
- ☒ Opportunities

(5.3.2.3) Environmental issues relevant to the risks and/or opportunities that have affected these financial planning elements

Select all that apply

- ☒ Climate change
- ☒ Water

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

気候変動対応に伴いサプライチェーンを通じた **GHG** 排出量削減が強く求められており、これを達成できない場合事業継続が困難となるリスクが考えられる。また顧客のニーズが気候変動対応に伴い **GHG** 排出量削減に適した製品やサービスの提供に代わる機会が考えられる。これに伴う既存ビジネスの失注または新規ビジネスの獲得は当社の収益に影響する。また、原材料供給元の気候変動対応などにより原材料価格の変動という形で直接費用への影響が考えられる。更にこれらの影響に対応する為、新規製品の開発や代替え原材料の切り替えなどに向けた開発投資、設備投資などの資本支出が発生する。水資源は一部塗料の原材料として消費され、また設備の冷却、洗浄に利用される為、水資源の枯渇によるリスクと水資源を消費しない粉体塗料などのニーズが高まる機会が考えられる。これに伴い、気候

変動対応と同様に収益、直接費用、資本支出への影響が予想される。

[Add row]

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

	Identification of spending/revenue that is aligned with your organization's climate transition
	Select from: <input checked="" type="checkbox"/> No, but we plan to in the next two years

[Fixed row]

(5.5) Does your organization invest in research and development (R&D) of low-carbon products or services related to your sector activities?

	Investment in low-carbon R&D	Comment
	Select from: <input checked="" type="checkbox"/> Yes	低炭素技術に投資しております。

[Fixed row]

(5.5.3) Provide details of your organization's investments in low-carbon R&D for chemical production activities over the last three years.

Row 1

(5.5.3.1) Technology area

Select from:

☒ Other, please specify :脱炭素を推進する研究・技術開発

(5.5.3.2) Stage of development in the reporting year

Select from:

☒ Applied research and development

(5.5.3.3) Average % of total R&D investment over the last 3 years

10

(5.5.3.4) R&D investment figure in the reporting year (unit currency as selected in 1.2) (optional)

10037000000

(5.5.3.5) Average % of total R&D investment planned over the next 5 years

60

(5.5.3.6) Explain how your R&D investment in this technology area is aligned with your climate commitments and/or climate transition plan

当社の主要な事業は **B to B** ビジネスであり、新規の製品開発は顧客ニーズのヒアリングを起点とする開発要件の合意に基づいて推進することを基本方針としている。近年重要性が高まっている気候適応計画については、十分にその内容に折り込まれている。

[Add row]

(5.9) What is the trend in your organization's water-related capital expenditure (CAPEX) and operating expenditure (OPEX) for the reporting year, and the anticipated trend for the next reporting year?

(5.9.1) Water-related CAPEX (+/- % change)

1

(5.9.2) Anticipated forward trend for CAPEX (+/- % change)

3

(5.9.3) Water-related OPEX (+/- % change)

1

(5.9.4) Anticipated forward trend for OPEX (+/- % change)

3

(5.9.5) Please explain

水に関する **CAPEX** は、水ストレス地域における排水ゼロシステムの展開に伴い増加が予想される。水に関連する **OPEX** については、水処理コストの増加による取水価格の上昇や水処理施設の運営コストの増加が見込まれる。

[Fixed row]

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

	Use of internal pricing of environmental externalities	Primary reason for not pricing environmental externalities	Explain why your organization does not price environmental externalities
	<i>Select from:</i> <input checked="" type="checkbox"/> No, but we plan to in	<i>Select from:</i> <input checked="" type="checkbox"/> Lack of internal resources, capabilities,	当社では環境課題による財務影響の定量化レベルが不十分であり、インターナルプライシングを利用した投資判断をするには十分な基本データ

	Use of internal pricing of environmental externalities	Primary reason for not pricing environmental externalities	Explain why your organization does not price environmental externalities
	the next two years	or expertise (e.g., due to organization size)	が集まっていない。

[Fixed row]

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

Suppliers

(5.11.1) Engaging with this stakeholder on environmental issues

Select from:

☒ Yes

(5.11.2) Environmental issues covered

Select all that apply

☒ Climate change

☒ Water

☒ Plastics

Customers

(5.11.1) Engaging with this stakeholder on environmental issues

Select from:

☒ Yes

(5.11.2) Environmental issues covered

Select all that apply

- ☒ Climate change
- ☒ Water
- ☒ Plastics

Investors and shareholders

(5.11.1) Engaging with this stakeholder on environmental issues

Select from:

- ☒ Yes

(5.11.2) Environmental issues covered

Select all that apply

- ☒ Climate change
- ☒ Water
- ☒ Plastics

Other value chain stakeholders

(5.11.1) Engaging with this stakeholder on environmental issues

Select from:

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

(5.11.3) Primary reason for not engaging with this stakeholder on environmental issues

Select from:

- ☒ Other, please specify :該当なし

(5.11.4) Explain why you do not engage with this stakeholder on environmental issues

該当なし

[Fixed row]

(5.11.1) Does your organization assess and classify suppliers according to their dependencies and/or impacts on the environment?

	Assessment of supplier dependencies and/or impacts on the environment
Climate change	Select from: <input checked="" type="checkbox"/> No, we do not currently assess the dependencies and/or impacts of our suppliers, but we plan to do so within the next two years
Water	Select from: <input checked="" type="checkbox"/> No, we do not currently assess the dependencies and/or impacts of our suppliers, but we plan to do so within the next two years
Plastics	Select from: <input checked="" type="checkbox"/> No, we do not currently assess the dependencies and/or impacts of our suppliers, but we plan to do so within the next two years

[Fixed row]

(5.11.2) Does your organization prioritize which suppliers to engage with on environmental issues?

Climate change

(5.11.2.1) Supplier engagement prioritization on this environmental issue

Select from:

☒ Yes, we prioritize which suppliers to engage with on this environmental issue

(5.11.2.2) Criteria informing which suppliers are prioritized for engagement on this environmental issue

Select all that apply

- | | |
|--|--|
| <input checked="" type="checkbox"/> Material sourcing | <input checked="" type="checkbox"/> Vulnerability of suppliers |
| <input checked="" type="checkbox"/> Procurement spend | <input checked="" type="checkbox"/> Strategic status of suppliers |
| <input checked="" type="checkbox"/> Regulatory compliance | <input checked="" type="checkbox"/> Product safety and compliance |
| <input checked="" type="checkbox"/> Business risk mitigation | <input checked="" type="checkbox"/> Supplier performance improvement |
| <input checked="" type="checkbox"/> Leverage over suppliers | |

(5.11.2.4) Please explain

当社は **B to B** ビジネスを主要な事業としており、最優先されるのは供給の持続性と考えている。供給の持続性を評価する上で、サプライヤーの **BCM**（風水害による供給不安）、規制の遵守、サプライヤーの脆弱性、また、気候変動による影響などを幅広く評価した上で優先順位付けをしている。

Water

(5.11.2.1) Supplier engagement prioritization on this environmental issue

Select from:

- ☒ Yes, we prioritize which suppliers to engage with on this environmental issue

(5.11.2.2) Criteria informing which suppliers are prioritized for engagement on this environmental issue

Select all that apply

- | | |
|--|--|
| <input checked="" type="checkbox"/> Material sourcing | <input checked="" type="checkbox"/> Vulnerability of suppliers |
| <input checked="" type="checkbox"/> Procurement spend | <input checked="" type="checkbox"/> Strategic status of suppliers |
| <input checked="" type="checkbox"/> Regulatory compliance | <input checked="" type="checkbox"/> Product safety and compliance |
| <input checked="" type="checkbox"/> Business risk mitigation | <input checked="" type="checkbox"/> Supplier performance improvement |
| <input checked="" type="checkbox"/> Leverage over suppliers | |

(5.11.2.4) Please explain

当社は **B to B** ビジネスを主要な事業としており、最優先されるのは供給の持続性と考えている。供給の持続性を評価する上で、サプライヤーの **BCM**（風水害による供給不安）、規制の遵守、サプライヤーの脆弱性、また、気候変動による影響などを幅広く評価した上で優先順位付けをしている。

Plastics

(5.11.2.1) Supplier engagement prioritization on this environmental issue

Select from:

☒ Yes, we prioritize which suppliers to engage with on this environmental issue

(5.11.2.2) Criteria informing which suppliers are prioritized for engagement on this environmental issue

Select all that apply

☒ Material sourcing

☒ Procurement spend

☒ Regulatory compliance

☒ Business risk mitigation

☒ Leverage over suppliers

☒ Vulnerability of suppliers

☒ Strategic status of suppliers

☒ Product safety and compliance

☒ Supplier performance improvement

(5.11.2.4) Please explain

当社は **B to B** ビジネスを主要な事業としており、最優先されるのは供給の持続性と考えている。供給の持続性を評価する上で、サプライヤーの **BCM**（風水害による供給不安）、規制の遵守、サプライヤーの脆弱性、また、気候変動による影響などを幅広く評価した上で優先順位付けをしている。

[Fixed row]

(5.11.5) Do your suppliers have to meet environmental requirements as part of your organization's purchasing process?

	Suppliers have to meet specific environmental requirements related to this environmental issue as part of the purchasing process	Policy in place for addressing supplier non-compliance	Comment
Climate change	<p>Select from:</p> <p><input checked="" type="checkbox"/> Yes, suppliers have to meet environmental requirements related to this environmental issue, but they are not included in our supplier contracts</p>	<p>Select from:</p> <p><input checked="" type="checkbox"/> Yes, we have a policy in place for addressing non-compliance</p>	—

	Suppliers have to meet specific environmental requirements related to this environmental issue as part of the purchasing process	Policy in place for addressing supplier non-compliance	Comment
Water	<i>Select from:</i> <input checked="" type="checkbox"/> Yes, suppliers have to meet environmental requirements related to this environmental issue, but they are not included in our supplier contracts	<i>Select from:</i> <input checked="" type="checkbox"/> Yes, we have a policy in place for addressing non-compliance	—

[Fixed row]

(5.11.6) Provide details of the environmental requirements that suppliers have to meet as part of your organization's purchasing process, and the compliance measures in place.

Climate change

(5.11.6.1) Environmental requirement

Select from:

☒ Monitoring and reduction of Product Carbon Footprint (PCF)/ product life-cycle emissions

(5.11.6.2) Mechanisms for monitoring compliance with this environmental requirement

Select all that apply

☒ Supplier scorecard or rating

(5.11.6.3) % tier 1 suppliers by procurement spend required to comply with this environmental requirement

Select from:

☒ 100%

(5.11.6.4) % tier 1 suppliers by procurement spend in compliance with this environmental requirement

Select from:

☒ 76-99%

(5.11.6.7) % tier 1 supplier-related scope 3 emissions attributable to the suppliers required to comply with this environmental requirement

Select from:

☒ 76-99%

(5.11.6.8) % tier 1 supplier-related scope 3 emissions attributable to the suppliers in compliance with this environmental requirement

Select from:

☒ 76-99%

(5.11.6.9) Response to supplier non-compliance with this environmental requirement

Select from:

☒ Retain and engage

(5.11.6.10) % of non-compliant suppliers engaged

Select from:

☒ Less than 1%

(5.11.6.11) Procedures to engage non-compliant suppliers

Select all that apply

☒ Developing quantifiable, time-bound targets and milestones to bring suppliers back into compliance

☒ Providing information on appropriate actions that can be taken to address non-compliance

☒ Re-integrating suppliers back into upstream value chain based on the successful and verifiable completion of activities

(5.11.6.12) Comment

Water

(5.11.6.1) Environmental requirement

Select from:

- ☒ Regular environmental risk assessments (at least once annually)

(5.11.6.2) Mechanisms for monitoring compliance with this environmental requirement

Select all that apply

- ☒ Supplier scorecard or rating

(5.11.6.3) % tier 1 suppliers by procurement spend required to comply with this environmental requirement

Select from:

- ☒ 100%

(5.11.6.4) % tier 1 suppliers by procurement spend in compliance with this environmental requirement

Select from:

- ☒ 76-99%

(5.11.6.9) Response to supplier non-compliance with this environmental requirement

Select from:

- ☒ Retain and engage

(5.11.6.10) % of non-compliant suppliers engaged

Select from:

- ☒ Less than 1%

(5.11.6.11) Procedures to engage non-compliant suppliers

Select all that apply

- ☒ Developing quantifiable, time-bound targets and milestones to bring suppliers back into compliance
- ☒ Providing information on appropriate actions that can be taken to address non-compliance
- ☒ Re-integrating suppliers back into upstream value chain based on the successful and verifiable completion of activities

(5.11.6.12) Comment

—

Climate change

(5.11.6.1) Environmental requirement

Select from:

- ☒ Disclosure of GHG emissions to your organization (Scope 1 and 2)

(5.11.6.2) Mechanisms for monitoring compliance with this environmental requirement

Select all that apply

- ☒ Supplier scorecard or rating

(5.11.6.3) % tier 1 suppliers by procurement spend required to comply with this environmental requirement

Select from:

- ☒ 100%

(5.11.6.4) % tier 1 suppliers by procurement spend in compliance with this environmental requirement

Select from:

- ☒ 76-99%

(5.11.6.7) % tier 1 supplier-related scope 3 emissions attributable to the suppliers required to comply with this environmental requirement

Select from:

☒ 76-99%

(5.11.6.8) % tier 1 supplier-related scope 3 emissions attributable to the suppliers in compliance with this environmental requirement

Select from:

☒ 76-99%

(5.11.6.9) Response to supplier non-compliance with this environmental requirement

Select from:

☒ Retain and engage

(5.11.6.10) % of non-compliant suppliers engaged

Select from:

☒ Less than 1%

(5.11.6.11) Procedures to engage non-compliant suppliers

Select all that apply

- ☒ Developing quantifiable, time-bound targets and milestones to bring suppliers back into compliance
- ☒ Providing information on appropriate actions that can be taken to address non-compliance
- ☒ Re-integrating suppliers back into upstream value chain based on the successful and verifiable completion of activities

(5.11.6.12) Comment

—

Climate change

(5.11.6.1) Environmental requirement

Select from:

☒ Implementation of a climate transition plan

(5.11.6.2) Mechanisms for monitoring compliance with this environmental requirement

Select all that apply

☒ Supplier scorecard or rating

(5.11.6.3) % tier 1 suppliers by procurement spend required to comply with this environmental requirement

Select from:

☒ 100%

(5.11.6.4) % tier 1 suppliers by procurement spend in compliance with this environmental requirement

Select from:

☒ 76-99%

(5.11.6.7) % tier 1 supplier-related scope 3 emissions attributable to the suppliers required to comply with this environmental requirement

Select from:

☒ 76-99%

(5.11.6.8) % tier 1 supplier-related scope 3 emissions attributable to the suppliers in compliance with this environmental requirement

Select from:

☒ 76-99%

(5.11.6.9) Response to supplier non-compliance with this environmental requirement

Select from:

☒ Retain and engage

(5.11.6.10) % of non-compliant suppliers engaged

Select from:

- ☒ Less than 1%

(5.11.6.11) Procedures to engage non-compliant suppliers

Select all that apply

- ☒ Developing quantifiable, time-bound targets and milestones to bring suppliers back into compliance
- ☒ Providing information on appropriate actions that can be taken to address non-compliance
- ☒ Re-integrating suppliers back into upstream value chain based on the successful and verifiable completion of activities

(5.11.6.12) Comment

—

Climate change

(5.11.6.1) Environmental requirement

Select from:

- ☒ Purchasing of low-carbon or renewable energy

(5.11.6.2) Mechanisms for monitoring compliance with this environmental requirement

Select all that apply

- ☒ Supplier scorecard or rating

(5.11.6.3) % tier 1 suppliers by procurement spend required to comply with this environmental requirement

Select from:

- ☒ 100%

(5.11.6.4) % tier 1 suppliers by procurement spend in compliance with this environmental requirement

Select from:

☒ 76-99%

(5.11.6.7) % tier 1 supplier-related scope 3 emissions attributable to the suppliers required to comply with this environmental requirement

Select from:

☒ 76-99%

(5.11.6.8) % tier 1 supplier-related scope 3 emissions attributable to the suppliers in compliance with this environmental requirement

Select from:

☒ 76-99%

(5.11.6.9) Response to supplier non-compliance with this environmental requirement

Select from:

☒ Retain and engage

(5.11.6.10) % of non-compliant suppliers engaged

Select from:

☒ Less than 1%

(5.11.6.11) Procedures to engage non-compliant suppliers

Select all that apply

☒ Developing quantifiable, time-bound targets and milestones to bring suppliers back into compliance

☒ Providing information on appropriate actions that can be taken to address non-compliance

☒ Re-integrating suppliers back into upstream value chain based on the successful and verifiable completion of activities

(5.11.6.12) Comment

Water

(5.11.6.1) Environmental requirement

Select from:

- ☒ Setting and monitoring water pollution-related targets

(5.11.6.2) Mechanisms for monitoring compliance with this environmental requirement

Select all that apply

- ☒ Supplier scorecard or rating

(5.11.6.3) % tier 1 suppliers by procurement spend required to comply with this environmental requirement

Select from:

- ☒ 100%

(5.11.6.4) % tier 1 suppliers by procurement spend in compliance with this environmental requirement

Select from:

- ☒ 76-99%

(5.11.6.9) Response to supplier non-compliance with this environmental requirement

Select from:

- ☒ Retain and engage

(5.11.6.10) % of non-compliant suppliers engaged

Select from:

- ☒ Less than 1%

(5.11.6.11) Procedures to engage non-compliant suppliers

Select all that apply

- ☒ Developing quantifiable, time-bound targets and milestones to bring suppliers back into compliance
- ☒ Providing information on appropriate actions that can be taken to address non-compliance
- ☒ Re-integrating suppliers back into upstream value chain based on the successful and verifiable completion of activities

(5.11.6.12) Comment

—
[Add row]

(5.11.7) Provide further details of your organization's supplier engagement on environmental issues.

Climate change

(5.11.7.2) Action driven by supplier engagement

Select from:

- ☒ Adaptation to climate change

(5.11.7.3) Type and details of engagement

Innovation and collaboration

- ☒ Collaborate with suppliers on innovations to reduce environmental impacts in products and services

(5.11.7.4) Upstream value chain coverage

Select all that apply

- ☒ Tier 1 suppliers
- ☒ Tier 2 suppliers

(5.11.7.5) % of tier 1 suppliers by procurement spend covered by engagement

Select from:

☒ 76-99%

(5.11.7.6) % of tier 1 supplier-related scope 3 emissions covered by engagement

Select from:

☒ 76-99%

(5.11.7.8) Number of tier 2+ suppliers engaged

0

(5.11.7.9) Describe the engagement and explain the effect of your engagement on the selected environmental action

グリーン調達方針に基づき、サプライヤーとのコミュニケーションを通じて環境影響を軽減する為のイノベーションを促し、新たな製品及びサービスを開発する為の提案や共同研究を行っています。また、環境影響対策活動について情報交換し、互いの活動促進に役立てています。これらの活動の中で、環境影響を軽減する新たな製品サービスが生まれ、顧客に提案、展開に繋がっています。

(5.11.7.10) Engagement is helping your tier 1 suppliers meet an environmental requirement related to this environmental issue

Select from:

☒ Yes, please specify the environmental requirement :サプライヤー評価の指標の一つとなります。

(5.11.7.11) Engagement is helping your tier 1 suppliers engage with their own suppliers on the selected action

Select from:

☒ Yes

Water

(5.11.7.2) Action driven by supplier engagement

Select from:

☒ Waste and resource reduction and improved end-of-life management

(5.11.7.3) Type and details of engagement

Innovation and collaboration

☒ Incentivize collaborative sustainable water management in river basins

(5.11.7.4) Upstream value chain coverage

Select all that apply

☒ Tier 1 suppliers

☒ Tier 2 suppliers

(5.11.7.5) % of tier 1 suppliers by procurement spend covered by engagement

Select from:

☒ 76-99%

(5.11.7.8) Number of tier 2+ suppliers engaged

0

(5.11.7.9) Describe the engagement and explain the effect of your engagement on the selected environmental action

グリーン調達方針に基づき、サプライヤーとのコミュニケーションを通じ、水資源の効果的な利用の為にイノベーションを促し、新たな製品及びサービスを開発する為の提案や共同研究を行っています。また、水資源の効果的な利用について情報交換し、互いの活動促進に役立てています。これらの活動の中で、水資源の効果的な利用が進展する新たな製品サービスが生まれ、顧客に提案、展開に繋がっています。

(5.11.7.10) Engagement is helping your tier 1 suppliers meet an environmental requirement related to this environmental issue

Select from:

☒ Yes, please specify the environmental requirement : サプライヤー評価の指標の一つとなります。

(5.11.7.11) Engagement is helping your tier 1 suppliers engage with their own suppliers on the selected action

Select from:

☒ Yes

Plastics

(5.11.7.2) Action driven by supplier engagement

Select from:

☒ Waste and resource reduction and improved end-of-life management

(5.11.7.3) Type and details of engagement

Innovation and collaboration

☒ Collaborate with suppliers on innovations to reduce environmental impacts in products and services

(5.11.7.4) Upstream value chain coverage

Select all that apply

☒ Tier 1 suppliers

☒ Tier 2 suppliers

(5.11.7.5) % of tier 1 suppliers by procurement spend covered by engagement

Select from:

☒ 76-99%

(5.11.7.8) Number of tier 2+ suppliers engaged

0

(5.11.7.9) Describe the engagement and explain the effect of your engagement on the selected environmental action

グリーン調達方針に基づき、サプライヤーとのコミュニケーションを通じ、水資源の効果的な利用の為にイノベーションを促し、新たな製品及びサービスを開発する為の提案や共同研究を行っています。また、リサイクルプラスチック容器の開発・使用や、プラスチック容器のリサイクルの推進についても協業しております。

(5.11.7.11) Engagement is helping your tier 1 suppliers engage with their own suppliers on the selected action

Select from:

☒ Yes

Climate change

(5.11.7.2) Action driven by supplier engagement

Select from:

☒ Circular economy

(5.11.7.3) Type and details of engagement

Innovation and collaboration

☒ Collaborate with suppliers on innovations to reduce environmental impacts in products and services

(5.11.7.4) Upstream value chain coverage

Select all that apply

☒ Tier 1 suppliers

☒ Tier 2 suppliers

(5.11.7.5) % of tier 1 suppliers by procurement spend covered by engagement

Select from:

☒ 76-99%

(5.11.7.6) % of tier 1 supplier-related scope 3 emissions covered by engagement

Select from:

☒ 76-99%

(5.11.7.8) Number of tier 2+ suppliers engaged

0

(5.11.7.9) Describe the engagement and explain the effect of your engagement on the selected environmental action

グリーン調達方針に基づき、サプライヤーとのコミュニケーションを通じて環境影響を軽減する為のイノベーションを促し、新たな製品及びサービスを開発する為の提案や共同研究を行っています。また、環境影響対策活動について情報交換し、互いの活動促進に役立てています。これらの活動の中で、環境影響を軽減する新たな製品サービスが生まれ、顧客に提案、展開に繋がっています。

(5.11.7.10) Engagement is helping your tier 1 suppliers meet an environmental requirement related to this environmental issue

Select from:

☒ Yes, please specify the environmental requirement :サプライヤー評価の指標の一つとなります。

(5.11.7.11) Engagement is helping your tier 1 suppliers engage with their own suppliers on the selected action

Select from:

☒ Yes

Climate change

(5.11.7.2) Action driven by supplier engagement

Select from:

☒ Emissions reduction

(5.11.7.3) Type and details of engagement

Innovation and collaboration

☒ Collaborate with suppliers on innovations to reduce environmental impacts in products and services

(5.11.7.4) Upstream value chain coverage

Select all that apply

- ☒ Tier 1 suppliers
- ☒ Tier 2 suppliers

(5.11.7.5) % of tier 1 suppliers by procurement spend covered by engagement

Select from:

- ☒ 76-99%

(5.11.7.6) % of tier 1 supplier-related scope 3 emissions covered by engagement

Select from:

- ☒ 76-99%

(5.11.7.8) Number of tier 2+ suppliers engaged

0

(5.11.7.9) Describe the engagement and explain the effect of your engagement on the selected environmental action

グリーン調達方針に基づき、サプライヤーとのコミュニケーションを通じて環境影響を軽減する為のイノベーションを促し、新たな製品及びサービスを開発する為の提案や共同研究を行っています。また、環境影響対策活動について情報交換し、互いの活動促進に役立てています。これらの活動の中で、環境影響を軽減する新たな製品サービスが生まれ、顧客に提案、展開に繋がっています。

(5.11.7.10) Engagement is helping your tier 1 suppliers meet an environmental requirement related to this environmental issue

Select from:

- ☒ Yes, please specify the environmental requirement :サプライヤー評価の指標の一つとなります。

(5.11.7.11) Engagement is helping your tier 1 suppliers engage with their own suppliers on the selected action

Select from:

☒ Yes

Climate change

(5.11.7.2) Action driven by supplier engagement

Select from:

☒ Substitution of hazardous substances with less harmful substances

(5.11.7.3) Type and details of engagement

Innovation and collaboration

☒ Collaborate with suppliers on innovations to reduce environmental impacts in products and services

(5.11.7.4) Upstream value chain coverage

Select all that apply

☒ Tier 1 suppliers

☒ Tier 2 suppliers

(5.11.7.5) % of tier 1 suppliers by procurement spend covered by engagement

Select from:

☒ 76-99%

(5.11.7.6) % of tier 1 supplier-related scope 3 emissions covered by engagement

Select from:

☒ 76-99%

(5.11.7.8) Number of tier 2+ suppliers engaged

0

(5.11.7.9) Describe the engagement and explain the effect of your engagement on the selected environmental action

グリーン調達方針に基づき、サプライヤーとのコミュニケーションを通じて環境影響を軽減する為のイノベーションを促し、新たな製品及びサービスを開発する為の提案や共同研究を行っています。また、環境影響対策活動について情報交換し、互いの活動促進に役立てています。これらの活動の中で、環境影響を軽減する新たな製品サービスが生まれ、顧客に提案、展開に繋がっています。

(5.11.7.10) Engagement is helping your tier 1 suppliers meet an environmental requirement related to this environmental issue

Select from:

☒ Yes, please specify the environmental requirement :サプライヤー評価の指標の一つとなります。

(5.11.7.11) Engagement is helping your tier 1 suppliers engage with their own suppliers on the selected action

Select from:

☒ Yes

Climate change

(5.11.7.2) Action driven by supplier engagement

Select from:

☒ Waste and resource reduction and improved end-of-life management

(5.11.7.3) Type and details of engagement

Innovation and collaboration

☒ Collaborate with suppliers on innovations to reduce environmental impacts in products and services

(5.11.7.4) Upstream value chain coverage

Select all that apply

☒ Tier 1 suppliers

☒ Tier 2 suppliers

(5.11.7.5) % of tier 1 suppliers by procurement spend covered by engagement

Select from:

☒ 76-99%

(5.11.7.6) % of tier 1 supplier-related scope 3 emissions covered by engagement

Select from:

☒ 76-99%

(5.11.7.8) Number of tier 2+ suppliers engaged

0

(5.11.7.9) Describe the engagement and explain the effect of your engagement on the selected environmental action

グリーン調達方針に基づき、サプライヤーとのコミュニケーションを通じて環境影響を軽減する為のイノベーションを促し、新たな製品及びサービスを開発する為の提案や共同研究を行っています。また、環境影響対策活動について情報交換し、互いの活動促進に役立てています。これらの活動の中で、環境影響を軽減する新たな製品サービスが生まれ、顧客に提案、展開に繋がっています。

(5.11.7.10) Engagement is helping your tier 1 suppliers meet an environmental requirement related to this environmental issue

Select from:

☒ Yes, please specify the environmental requirement :サプライヤー評価の指標の一つとなります。

(5.11.7.11) Engagement is helping your tier 1 suppliers engage with their own suppliers on the selected action

Select from:

☒ Yes

[Add row]

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

Climate change

(5.11.9.1) Type of stakeholder

Select from:

- ☒ Customers

(5.11.9.2) Type and details of engagement

Education/Information sharing

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

Innovation and collaboration

- ☒ Align your organization's goals to support customers' targets and ambitions
- ☒ Collaborate with stakeholders in creation and review of your climate transition plan
- ☒ Collaborate with stakeholders on innovations to reduce environmental impacts in products and services
- ☒ Run a campaign to encourage innovation to reduce environmental impacts

(5.11.9.3) % of stakeholder type engaged

Select from:

- ☒ 76-99%

(5.11.9.4) % stakeholder-associated scope 3 emissions

Select from:

- ☒ 76-99%

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

当社のビジネスでは、**Scope 3**のカテゴリー10（製品加工時のGHG排出量）の全GHG排出量における比率が最も大きい。サプライチェーンを通じたトータルでのGHG排出量削減、カーボンニュートラル実現の為には、これら顧客とのエンゲージメントが重要となる。特に、**BtoB** ビジネスにおける自動車OEM、工業用のライン向け塗料を扱う顧客におけるGHG排出量が大きく、それらをターゲットとしてエンゲージメントの対象としている。

(5.11.9.6) Effect of engagement and measures of success

自社の**Scope1**、**2**の削減、及び、サプライチェーンを通じた**Scope3**のカテゴリー10（製品加工時のGHG排出量）の削減

Water

(5.11.9.1) Type of stakeholder

Select from:

☒ Customers

(5.11.9.2) Type and details of engagement

Education/Information sharing

- ☒ Educate and work with stakeholders on understanding and measuring exposure to environmental risks
- ☒ Share information about your products and relevant certification schemes

Innovation and collaboration

- ☒ Align your organization's goals to support customers' targets and ambitions
- ☒ Collaborate with stakeholders on innovations to reduce environmental impacts in products and services
- ☒ Incentivize collaborative sustainable water management in river basins
- ☒ Run a campaign to encourage innovation to reduce environmental impacts

(5.11.9.3) % of stakeholder type engaged

Select from:

☒ 76-99%

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

当社のビジネスでは、特に水性塗料などに原材料として水を使用するほか、設備の冷却および洗浄にも水を利用しており、水資源の効果的な活用が重要である。顧客においても塗料の使用過程で大量の水を利用する場合があります、水資源の効果的な活用について顧客とのエンゲージメントについて高める必要がある。エンゲージメントの対象となるのは主に **BtoB** ビジネスにおける自動車 **OEM** と工業用塗料を使用する顧客である。

(5.11.9.6) Effect of engagement and measures of success

自社、及び、顧客における水消費量の低減

Climate change

(5.11.9.1) Type of stakeholder

Select from:

☒ Investors and shareholders

(5.11.9.2) Type and details of engagement

Education/Information sharing

☒ Educate and work with stakeholders on understanding and measuring exposure to environmental risks

☒ Share information on environmental initiatives, progress and achievements

(5.11.9.3) % of stakeholder type engaged

Select from:

☒ 76-99%

(5.11.9.4) % stakeholder-associated scope 3 emissions

Select from:

☒ 76-99%

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

当社ビジネス及び環境課題への取組についての理解を促進し、投資の継続や賛同を引き出す事、及び投資家や株主目線での当社の環境課題への取り組みについて、意見や評価を受ける事で正しく自己認識する事を目的とする。特に環境課題への関心が高い投資家及び株主とのエンゲージメントを優先している。

(5.11.9.6) Effect of engagement and measures of success

例会における賛同。

Water

(5.11.9.1) Type of stakeholder

Select from:

☒ Investors and shareholders

(5.11.9.2) Type and details of engagement

Education/Information sharing

☒ Educate and work with stakeholders on understanding and measuring exposure to environmental risks

☒ Share information on environmental initiatives, progress and achievements

(5.11.9.3) % of stakeholder type engaged

Select from:

☒ 76-99%

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

当社ビジネス及び水資源の有効利用についての取組についての理解を促進し、投資の継続や賛同を引き出す事、及び投資家や株主目線での当社の水資源の有効利用についての取り組みについて、意見や評価を受ける事で正しく自己認識する事を目的とする。特に水資源の有効利用についての関心が高い投資家及び株主とのエンゲージメントを優先している。

(5.11.9.6) Effect of engagement and measures of success

例会における賛同。

[Add row]

(5.12) Indicate any mutually beneficial environmental initiatives you could collaborate on with specific CDP Supply Chain members.

Row 1

(5.12.1) Requesting member

Select from:

☒ Isuzu Motors Limited

(5.12.2) Environmental issues the initiative relates to

Select all that apply

☒ Climate change

(5.12.4) Initiative category and type

Innovation

☒ New product or service that reduces customers' products/services operational emissions

(5.12.5) Details of initiative

当社のカーボンフットプリントの低減により当該メンバーの CO2 排出量の低減に繋がる。

(5.12.6) Expected benefits

Select all that apply

☒ Reduction of downstream value chain emissions (own scope 3)

(5.12.7) Estimated timeframe for realization of benefits

Select from:

☒ 3-5 years

(5.12.8) Are you able to estimate the lifetime CO2e and/or water savings of this initiative?

Select from:

☒ No

(5.12.11) Please explain

当該イニシアチブは当社の顧客にあたり、顧客における **Scope3** カテゴリー1 に関して当社製品のカーボンフットプリントが影響を与える関係にある。個別プロジェクトにおける **CO2** 削減効果は算出出来るが、ライフタイム **CO2** 換算について現状顧客毎の開示可能な精度のある詳細データを算出する事は困難であり、今後のシステム整備等が必要と考えている。

[Add row]

(5.13) Has your organization already implemented any mutually beneficial environmental initiatives due to CDP Supply Chain member engagement?

	Environmental initiatives implemented due to CDP Supply Chain member engagement	Primary reason for not implementing environmental initiatives	Explain why your organization has not implemented any environmental initiatives
	Select from: <input checked="" type="checkbox"/> No, but we plan to within the next two years	Select from: <input checked="" type="checkbox"/> No standardized procedure	グリーン調達方針に基づいてサプライヤー評価は行っているが、サプライチェーンメンバーの CDP を通じてのエンゲージメントによりどの様に相互有益な環境イニシアチブを形成出来るかについて社内で十分な議論と体制及び仕組み作りが進んでいない。

[Fixed row]

C6. Environmental Performance - Consolidation Approach

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

	Consolidation approach used	Provide the rationale for the choice of consolidation approach
Climate change	Select from: <input checked="" type="checkbox"/> Financial control	開示要求制度（有価証券報告書、CSRD など）から財務情報・非財務情報の一致を求められている 為、財務会計の連結対象と同じ関係会社を対象とした。当社グループのマテリアリティのKPI 2030 も同様の連結対象としている。
Water	Select from: <input checked="" type="checkbox"/> Financial control	開示要求制度（有価証券報告書、CSRD など）から財務情報・非財務情報の一致を求められている 為、財務会計の連結対象と同じ関係会社を対象とした。当社グループのマテリアリティのKPI 2030 も同様の連結対象としている。
Plastics	Select from: <input checked="" type="checkbox"/> Financial control	開示要求制度（有価証券報告書、CSRD など）から財務情報・非財務情報の一致を求められている 為、財務会計の連結対象と同じ関係会社を対象とした。当社グループのマテリアリティのKPI 2030 も同様の連結対象としている。
Biodiversity	Select from: <input checked="" type="checkbox"/> Financial control	開示要求制度（有価証券報告書、CSRD など）から財務情報・非財務情報の一致を求められている 為、財務会計の連結対象と同じ関係会社を対象とした。当社グループのマテリアリティのKPI 2030 も同様の連結対象としている。

[Fixed row]

C7. Environmental performance - Climate Change

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

Select from:

☒ No

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

	Has there been a structural change?
	Select all that apply <input checked="" type="checkbox"/> No

[Fixed row]

(7.1.2) 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?	Details of methodology, boundary, and/or reporting year definition change(s)
	Select all that apply <input checked="" type="checkbox"/> Yes, a change in methodology	関係会社の一部にエネルギー使用量などの集計方法の変更があった。

[Fixed row]

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

(7.1.3.1) Base year recalculation

Select from:

☒ Yes

(7.1.3.2) Scope(s) recalculated

Select all that apply

☒ Scope 2, location-based

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

メーターを読みマニュアルで集計する方法から自動集計する方法に変更をしているが、重大な閾値は含まない。

(7.1.3.4) Past years' recalculation

Select from:

☒ Yes

[Fixed row]

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

Select all that apply

☒ Japan Ministry of the Environment, Law Concerning the Promotion of the Measures to Cope with Global Warming, Superseded by Revision of the Act on Promotion of Global Warming Countermeasures (2005 Amendment)

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

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

	Scope 2, location-based	Scope 2, market-based	Comment
	<i>Select from:</i> <input checked="" type="checkbox"/> We are reporting a Scope 2, location-based figure	<i>Select from:</i> <input checked="" type="checkbox"/> We have no operations where we are able to access electricity supplier emission factors or residual emissions factors and are unable to report a Scope 2, market-based figure	マーケット基準は、電力供給者の排出係数が分かる拠点については、マーケット基準の排出係数を使用し、算定しております。分からない拠点については、ロケーション基準で算定した排出量を報告しています。

[Fixed row]

(7.4) 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?

Select from:

☒ Yes

(7.4.1) Provide details of the sources of Scope 1, Scope 2, or Scope 3 emissions that are within your selected reporting boundary which are not included in your disclosure.

Row 1

(7.4.1.1) Source of excluded emissions

小規模オフィス（例：営業オフィス、カラーサービス、リースによる貸オフィス等）からのCO2 排出

(7.4.1.2) Scope(s) or Scope 3 category(ies)

Select all that apply

- ☒ Scope 1
- ☒ Scope 2 (location-based)
- ☒ Scope 2 (market-based)

(7.4.1.3) Relevance of Scope 1 emissions from this source

Select from:

- ☒ Emissions are relevant but not yet calculated

(7.4.1.4) Relevance of location-based Scope 2 emissions from this source

Select from:

- ☒ Emissions are relevant but not yet calculated

(7.4.1.5) Relevance of market-based Scope 2 emissions from this source

Select from:

- ☒ Emissions are relevant but not yet calculated

(7.4.1.8) Estimated percentage of total Scope 1+2 emissions this excluded source represents

1

(7.4.1.10) Explain why this source is excluded

小規模オフィス、カラーセンター分を **Scope1** および **Scope2** の算定対象から除外しました。これらのオフィス由来の排出量は全体の **1%**以下と推定され、全体の排出量に対する影響が極めて限定的であるためです。このため、リソースの効率的な活用とデータの正確性を確保する観点から、除外することが適切であると判断しました。

(7.4.1.11) Explain how you estimated the percentage of emissions this excluded source represents

小規模オフィス分の排出量の割合を推定するために、事業形態が類似している他のオフィスのデータを参考にしました。具体的には、年間のオフィスの単位面積辺りの **CO2** 排出量の原単位（約 **0.1 CO2e/m2**、電気代、冷暖房費）から、小規模オフィスの総面積を乗じて、**CO2** 排出量を推定しました。

Row 2

(7.4.1.1) Source of excluded emissions

新規に買収した会社

(7.4.1.2) Scope(s) or Scope 3 category(ies)

Select all that apply

- | | |
|---|---|
| <input checked="" type="checkbox"/> Scope 1 | <input checked="" type="checkbox"/> Scope 2 (location-based) |
| <input checked="" type="checkbox"/> Scope 3: Franchises | <input checked="" type="checkbox"/> Scope 3: Business travel |
| <input checked="" type="checkbox"/> Scope 3: Investments | <input checked="" type="checkbox"/> Scope 3: Other (upstream) |
| <input checked="" type="checkbox"/> Scope 2 (market-based) | <input checked="" type="checkbox"/> Scope 3: Other (downstream) |
| <input checked="" type="checkbox"/> Scope 3: Capital goods | <input checked="" type="checkbox"/> Scope 3: Employee commuting |
| <input checked="" type="checkbox"/> Scope 3: Use of sold products | <input checked="" type="checkbox"/> Scope 3: Waste generated in operations |
| <input checked="" type="checkbox"/> Scope 3: Upstream leased assets | <input checked="" type="checkbox"/> Scope 3: End-of-life treatment of sold products |
| <input checked="" type="checkbox"/> Scope 3: Downstream leased assets | <input checked="" type="checkbox"/> Scope 3: Upstream transportation and distribution |
| <input checked="" type="checkbox"/> Scope 3: Processing of sold products | <input checked="" type="checkbox"/> Scope 3: Downstream transportation and distribution |
| <input checked="" type="checkbox"/> Scope 3: Purchased goods and services | <input checked="" type="checkbox"/> Scope 3: Fuel and energy-related activities (not included in Scopes 1 or 2) |

(7.4.1.3) Relevance of Scope 1 emissions from this source

Select from:

- ☒ Emissions excluded due to a recent acquisition or merger

(7.4.1.4) Relevance of location-based Scope 2 emissions from this source

Select from:

- ☒ Emissions excluded due to a recent acquisition or merger

(7.4.1.5) Relevance of market-based Scope 2 emissions from this source

Select from:

- ☒ Emissions excluded due to a recent acquisition or merger

(7.4.1.6) Relevance of Scope 3 emissions from this source

Select from:

☒ Emissions excluded due to a recent acquisition or merger

(7.4.1.7) Date of completion of acquisition or merger

05/13/2024

(7.4.1.10) Explain why this source is excluded

基準年までさかのぼったデータの入手に時間を要しているため
[Add row]

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

Scope 1

(7.5.1) Base year end

03/30/2022

(7.5.2) Base year emissions (metric tons CO2e)

70633

(7.5.3) Methodological details

都市ガス、重油、ガソリン、灯油などの化石燃料の消費量を集計し、各燃料に対して、対応する排出係数を適用します。排出係数は政府機関や国際的な環境機関から提供される標準値を使用します。燃料使用量 × 排出係数として排出量を求めます。

Scope 2 (location-based)

(7.5.1) Base year end

03/30/2022

(7.5.2) Base year emissions (metric tons CO2e)

140299

(7.5.3) Methodological details

事業所ごとに消費された電力の使用量を収集します。電力使用量は、電力会社からの請求書やメーター読み取り値を基にします。消費電力に対して、地域ごとの電力排出係数を適用します。これらの排出係数は、電力供給源の構成に基づいて計算されます。排出係数は、政府機関（環境省）や地域の電力会社が提供するデータを使用します。電力使用量（kWh）×地域ごとの電力排出係数（kg CO2e/kWh）として、排出量を算出します。

Scope 3 category 1: Purchased goods and services

(7.5.1) Base year end

03/30/2022

(7.5.2) Base year emissions (metric tons CO2e)

2524200

(7.5.3) Methodological details

報告年に購入した原料の購入重量に、サプライチェーンを通じた組織の温室効果ガス排出量データベースの排出係数を乗じて、購入原料由来の CO2 排出量を求めました。データベースは、「IDEA Ver3.3」に記載の GWP 値を用い、原料毎に分類して求め、それらの和を累計し算定しました。グローバルでのデータ収集に努め、基準年である 2021 年度から 2024 年度までのデータを再集計しました。GWP 値：100 年の時間枠を参照する GWP は、IPCC、AR6、2021 から取得されました。購入したパッケージからの排出を計算するために、原材料由来の容器、梱包材と製品容器に大別されます。製品容器については、購入した容器の材質を分類し（HDPE やスチールドラムなど）、相当する DB の排出係数を乗じて、算定しました。但し、容器分の算出に関しては、一部の拠点データに限定されます。

Scope 3 category 2: Capital goods

(7.5.1) Base year end

03/30/2022

(7.5.2) Base year emissions (metric tons CO2e)

55558

(7.5.3) Methodological details

当社事業は塗料製造・販売が大部分を占める為、**Scope3**における資本財は、塗料製造販売に供する建屋・設備の増設と定義し、関係各社ごとの年度建設費用に排出原単位を乗じて算出しました。

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

(7.5.1) Base year end

03/30/2022

(7.5.2) Base year emissions (metric tons CO2e)

50223

(7.5.3) Methodological details

国内に関しては、**Scope 1,2** で使用した各種エネルギーにカテゴリ**3** 算出用の係数を乗じて、算出しました。インド子会社については、インドの係数を使用し、算出しました。算出係数が不明な地域については、暫定的に日本の排出係数を使用し、算出しました。

Scope 3 category 4: Upstream transportation and distribution

(7.5.1) Base year end

03/30/2022

(7.5.2) Base year emissions (metric tons CO2e)

0

(7.5.3) Methodological details

上流の輸送、配送に関するデータが入手可能な地域に関しては、トンキロ法にて算出しました。但し、集計出来ているのは一部の地域に限定されます。また、当社が直接コントロール出来ない為、任意の排出量として扱います。

Scope 3 category 5: Waste generated in operations

(7.5.1) Base year end

03/30/2022

(7.5.2) Base year emissions (metric tons CO2e)

35279

(7.5.3) Methodological details

国内に関しては、各種廃棄物量にカテゴリ5 算出用の係数を乗じて、算出した。インド子会社については、インドの係数を使用し、算出しました。算出係数が不明な地域については、暫定的に日本の排出係数を使用し、算出しました。

Scope 3 category 6: Business travel

(7.5.1) Base year end

03/30/2022

(7.5.2) Base year emissions (metric tons CO2e)

2833

(7.5.3) Methodological details

カテゴリ6 については、当社の全 Scope3 排出量に占める割合が軽微な為、簡易な算出方法を採用しました。具体的には、従業員数にカテゴリ6 の排出係数を乗じて算出しました。尚、インド地域については、距離ベース手法によって詳細に算出しています。算出係数が不明な地域については、暫定的に日本の排出係数を使用し、算出しました。

Scope 3 category 7: Employee commuting

(7.5.1) Base year end

03/30/2022

(7.5.2) Base year emissions (metric tons CO2e)

18237

(7.5.3) Methodological details

カテゴリー7については、当社の全 **Scope3** 排出量に占める割合が軽微な為、簡易な算出方法を採用しました。具体的には、勤務形態・都市階級別に従業員数×営業日数×排出原単位から算出しました。尚、インド地域については、通勤手段毎に算出し、積み上げる手法を取っています。また、通勤バスによる集団通勤を行う拠点については、通勤バスの燃料消費から算出しています。算出係数が不明な地域については、暫定的に日本の排出係数を使用し、算出しました。

Scope 3 category 8: Upstream leased assets

(7.5.1) Base year end

03/30/2022

(7.5.2) Base year emissions (metric tons CO2e)

0

(7.5.3) Methodological details

借りている資産におけるエネルギー種別の年間消費量に、エネルギー種別の排出原単位を乗じて推定したが、軽微であると予想された為、管理対象外としました。

Scope 3 category 9: Downstream transportation and distribution

(7.5.1) Base year end

03/30/2022

(7.5.2) Base year emissions (metric tons CO2e)

(7.5.3) Methodological details

下流の輸送、配送に関するデータが入手可能な地域に関しては、トンキロ法にて算出しました。但し、配送先が不特定であるなど一部地域については、算定できていない場合もあります。

Scope 3 category 10: Processing of sold products

(7.5.1) Base year end

03/30/2022

(7.5.2) Base year emissions (metric tons CO2e)

6559969

(7.5.3) Methodological details

SBTi からのフィードバックにより、顧客における塗料の塗装と乾燥工程で生じる GHG の排出は、Category10 として集計しました。また、当社がコントロール出来ない為、任意の排出量として扱う事にしました。日本とインドにおける自動車分野及び工業分野は、主要製品の主要顧客使用時のデータを元に、顧客と合意した算出法を用いて試算しました。顧客からのデータが得られない地域については、日本の係数に販売数量を乗じて、算出しました。

Scope 3 category 11: Use of sold products

(7.5.1) Base year end

03/30/2022

(7.5.2) Base year emissions (metric tons CO2e)

0

(7.5.3) Methodological details

SBTi からのフィードバックで、塗料の使用（塗装、及び乾燥）は、カテゴリー10 に移行しました。乾燥後の塗膜の状態での CO2 排出は、ほぼ無い為、算定対象外

としました。

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

(7.5.1) Base year end

03/30/2022

(7.5.2) Base year emissions (metric tons CO2e)

22785

(7.5.3) Methodological details

SBTi からのフィードバックにより、塗料容器の使用数量にそれぞれの容器の廃棄方法による排出量係数をかけて算出しました。リユースおよびリサイクルされる容器に関しては、その過程で排出される容器あたりの係数を調査し、それを使って算出しています。

Scope 3 category 13: Downstream leased assets

(7.5.1) Base year end

03/30/2022

(7.5.2) Base year emissions (metric tons CO2e)

0

(7.5.3) Methodological details

該当が無い為、ゼロです。また、軽微である為、管理対象外としました。

Scope 3 category 14: Franchises

(7.5.1) Base year end

03/30/2022

(7.5.2) Base year emissions (metric tons CO2e)

0

(7.5.3) Methodological details

フランチャイズ契約は無い為、ゼロです。また、軽微である為、管理対象外としました。

Scope 3 category 15: Investments

(7.5.1) Base year end

03/30/2022

(7.5.2) Base year emissions (metric tons CO2e)

18395

(7.5.3) Methodological details

持分法会社がカテゴリー15 に相当するとして、各社の Scope1,2 の排出量と持分比率から算出しました。

Scope 3: Other (upstream)

(7.5.1) Base year end

03/30/2022

(7.5.2) Base year emissions (metric tons CO2e)

0

(7.5.3) Methodological details

該当なしのため、排出量ゼロとして管理対象外としました。

Scope 3: Other (downstream)

(7.5.1) Base year end

03/30/2022

(7.5.2) Base year emissions (metric tons CO2e)

0

(7.5.3) Methodological details

事業所間物流をこれに該当すると定義します。上流でも下流でも無いが、任意として、含めています。

[Fixed row]

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

	Gross global Scope 1 emissions (metric tons CO2e)	End date	Methodological details
Reporting year	72187	Date input [must be between [11/19/2015 - 11/19/2024]	都市ガス、重油、ガソリン、灯油などの化石燃料の消費量を集計し、各燃料に対して、対応する排出係数を適用します。排出係数は政府機関や国際的な環境機関から提供される標準値を使用します。燃料使用量に排出係数を乗じて排出量を求めます。
Past year 1	67818	03/30/2024	都市ガス、重油、ガソリン、灯油などの化石燃料の消費量を集計し、各燃料に対して、対応する排出係数を適用します。排出係数は政府機関や国際的な環境機関から提供される標準値を使用します。燃料使用量に排出係数を乗じて排出量を求めます。
Past year 2	70185	03/30/2023	都市ガス、重油、ガソリン、灯油などの化石燃料の消費量を集計し、各燃料に対して、対応する排出係数を適用します。排出係数は政府機関や国際的な環境機関から提供される標準値

	Gross global Scope 1 emissions (metric tons CO2e)	End date	Methodological details
			を使用します。燃料使用量に排出係数を乗じて排出量を求めます。
Past year 3	70633	03/30/2022	都市ガス、重油、ガソリン、灯油などの化石燃料の消費量を集計し、各燃料に対して、対応する排出係数を適用します。排出係数は政府機関や国際的な環境機関から提供される標準値を使用します。燃料使用量に排出係数を乗じて排出量を求めます。

[Fixed row]

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

Reporting year

(7.7.1) Gross global Scope 2, location-based emissions (metric tons CO2e)

128522

(7.7.4) Methodological details

事業所ごとに消費された電力の使用量を収集します。電力使用量は、電力会社からの請求書やメーター読み取り値を基にします。消費電力に対して、地域ごとの電力排出係数を適用します。ロケーションベースの排出係数は、電力供給源の構成に基づいて計算されます。排出係数は、政府機関（環境省）や地域の電力会社が提供する最新のデータを使用します。電力使用量（kWh）に、地域ごとの電力排出係数（kg CO2e/kWh）を乗じて、排出量を算出します。マーケティングベースの排出係数は、電力供給契約に基づく特定の排出係数（電力会社が提供する排出係数、再生可能エネルギー証書に対応するゼロ排出係数など）を使用します。電力使用量（kWh）に電力排出係数（kg CO2e/kWh）を乗じて、排出量を算出します。

Past year 1

(7.7.1) Gross global Scope 2, location-based emissions (metric tons CO2e)

142583

(7.7.3) End date

03/30/2024

(7.7.4) Methodological details

事業所ごとに消費された電力の使用量を収集します。電力使用量は、電力会社からの請求書やメーター読み取り値を基にします。消費電力に対して、地域ごとの電力排出係数を適用します。ロケーションベースの排出係数は、電力供給源の構成に基づいて計算されます。排出係数は、政府機関（環境省）や地域の電力会社が提供する最新のデータを使用します。電力使用量（kWh）に、地域ごとの電力排出係数（kg CO₂e/kWh）を乗じて、排出量を算出します。マーケティングベースの排出係数は、電力供給契約に基づく特定の排出係数（電力会社が提供する排出係数、再生可能エネルギー証書に対応するゼロ排出係数など）を使用します。電力使用量（kWh）に電力排出係数（kg CO₂e/kWh）を乗じて、排出量を算出します。

Past year 2

(7.7.1) Gross global Scope 2, location-based emissions (metric tons CO₂e)

137920

(7.7.3) End date

03/30/2023

(7.7.4) Methodological details

事業所ごとに消費された電力の使用量を収集します。電力使用量は、電力会社からの請求書やメーター読み取り値を基にします。消費電力に対して、地域ごとの電力排出係数を適用します。ロケーションベースの排出係数は、電力供給源の構成に基づいて計算されます。排出係数は、政府機関（環境省）や地域の電力会社が提供する最新のデータを使用します。電力使用量（kWh）に、地域ごとの電力排出係数（kg CO₂e/kWh）を乗じて、排出量を算出します。マーケティングベースの排出係数は、電力供給契約に基づく特定の排出係数（電力会社が提供する排出係数、再生可能エネルギー証書に対応するゼロ排出係数など）を使用します。電力使用量（kWh）に電力排出係数（kg CO₂e/kWh）を乗じて、排出量を算出します。

Past year 3

(7.7.1) Gross global Scope 2, location-based emissions (metric tons CO₂e)

140299

(7.7.3) End date

03/30/2022

(7.7.4) Methodological details

事業所ごとに消費された電力の使用量を収集します。電力使用量は、電力会社からの請求書やメーター読み取り値を基にします。消費電力に対して、地域ごとの電力排出係数を適用します。ロケーションベースの排出係数は、電力供給源の構成に基づいて計算されます。排出係数は、政府機関（環境省）や地域の電力会社が提供する最新のデータを使用します。電力使用量（kWh）に、地域ごとの電力排出係数（kg CO2e/kWh）を乗じて、排出量を算出します。マーケティングベースの排出係数は、電力供給契約に基づく特定の排出係数（電力会社が提供する排出係数、再生可能エネルギー証書に対応するゼロ排出係数など）を使用します。電力使用量（kWh）に電力排出係数（kg CO2e/kWh）を乗じて、排出量を算出します。

[Fixed row]

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

Purchased goods and services

(7.8.1) Evaluation status

Select from:

☒ Relevant, calculated

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

2433509

(7.8.3) Emissions calculation methodology

Select all that apply

☒ Average data method

(7.8.4) Percentage of emissions calculated using data obtained from suppliers or value chain partners

0

(7.8.5) Please explain

報告年に購入した原料の購入重量に、サプライチェーンを通じた組織の温室効果ガス排出量データベースの排出係数を乗じて、購入原料由来のCO2排出量を求めました。データベースは、「IDEA Ver3.3」に記載のGWP値を用い、原料毎に分類して求め、それらの和を累計し算定しました。グローバルでのデータ収集に努め、基準年である2021年度から2024年度までのデータを再集計しました。GWP値：100年の時間枠を参照するGWP値は、IPCC、AR6、2021から取得されました。購入したパッケージからの排出量を計算するために、原材料由来の容器、梱包材と製品容器に大別しました。原材料由来の容器、梱包材は、原料を使用した後、廃棄物となりますので、カテゴリ5として、集計しています。製品容器については、購入した容器の材質を分類し（HDPEやスチールドラムなど）、相当するDBの排出係数を乗じて、算定しました。但し、容器分の算出に関しては、一部の拠点データに限定されます。

Capital goods

(7.8.1) Evaluation status

Select from:

☒ Relevant, calculated

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

92487

(7.8.3) Emissions calculation methodology

Select all that apply

☒ Average data method

☒ Asset-specific method

(7.8.4) Percentage of emissions calculated using data obtained from suppliers or value chain partners

0

(7.8.5) Please explain

当社事業は塗料製造・販売が大部分を占める為、Scope3における資本財は、塗料製造販売に供する建屋・設備の増設と定義し、関係各社ごとの年度建設費用に排出原単位を乗じて算出しました。

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

(7.8.1) Evaluation status

Select from:

☒ Relevant, calculated

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

50127

(7.8.3) Emissions calculation methodology

Select all that apply

☒ Average data method

☒ Fuel-based method

(7.8.4) Percentage of emissions calculated using data obtained from suppliers or value chain partners

0

(7.8.5) Please explain

国内に関しては、**Scope 1,2** で使用した各種エネルギーにカテゴリ**3** 算出用の係数に乗じて、算出しました。インド子会社については、インドの係数を使用し、算出しました。算出係数が不明な地域については、暫定的に日本の排出係数を使用し、算出しました。

Upstream transportation and distribution

(7.8.1) Evaluation status

Select from:

☒ Not relevant, explanation provided

(7.8.5) Please explain

上流の輸送、配送に関するデータが入手可能な地域に関しては、トンキロ法にて算出しました。但し、集計出来ているのは一部の地域に限定されます。また、当社が直接コントロール出来ない為、任意の排出量として扱います。

Waste generated in operations

(7.8.1) Evaluation status

Select from:

☒ Relevant, calculated

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

39773

Business travel

(7.8.1) Evaluation status

Select from:

☒ Relevant, calculated

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

5436

(7.8.3) Emissions calculation methodology

Select all that apply

☒ Average data method

☒ Distance-based method

(7.8.4) Percentage of emissions calculated using data obtained from suppliers or value chain partners

0

(7.8.5) Please explain

国内に関しては、各種廃棄物量にカテゴリ3 算出用の係数を乗じて、算出しました。インド子会社については、インドの係数を使用し、算出しました。算出係数が不明な地域については、暫定的に日本の排出係数を使用し、算出しました。

Employee commuting

(7.8.1) Evaluation status

Select from:

☒ Relevant, calculated

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

19056

(7.8.3) Emissions calculation methodology

Select all that apply

☒ Average data method

☒ Fuel-based method

☒ Distance-based method

(7.8.4) Percentage of emissions calculated using data obtained from suppliers or value chain partners

0

(7.8.5) Please explain

カテゴリ7 については、当社の全 **Scope3** 排出量に占める割合が軽微な為、簡易な算出方法を採用しました。具体的には、勤務形態・都市階級別に従業員数×営業日数×排出原単位から算出しました。尚、インド地域については、通勤手段毎に算出し、積み上げる手法を取っています。また、通勤バスによる集団通勤を行う拠点については、通勤バスの燃料消費から算出しています。算出係数が不明な地域については、暫定的に日本の排出係数を使用し、算出しました。

Upstream leased assets

(7.8.1) Evaluation status

Select from:

☒ Not relevant, explanation provided

(7.8.5) Please explain

借りている資産におけるエネルギー種別の年間消費量に、エネルギー種別の排出原単位を乗じて推定したが、軽微であると予想された為、管理対象外としました。

Downstream transportation and distribution

(7.8.1) Evaluation status

Select from:

☒ Relevant, calculated

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

60143

(7.8.3) Emissions calculation methodology

Select all that apply

☒ Fuel-based method

☒ Distance-based method

(7.8.4) Percentage of emissions calculated using data obtained from suppliers or value chain partners

0

(7.8.5) Please explain

下流の輸送、配送に関するデータが入手可能な地域に関しては、トンキロ法にて算出しました。但し、配送先が不特定であるなど一部地域については、算定できていない場合もあります。

Processing of sold products

(7.8.1) Evaluation status

Select from:

☒ Relevant, calculated

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

6969512

(7.8.3) Emissions calculation methodology

Select all that apply

☒ Average data method

(7.8.4) Percentage of emissions calculated using data obtained from suppliers or value chain partners

100

(7.8.5) Please explain

SBTiからのフィードバックにより、顧客における塗料の塗装と乾燥工程で生じるGHGの排出は、Category10として集計しました。また、当社がコントロール出来ない為、任意の排出量として扱う事にしました。自動車分野は、主要製品の主要顧客使用時のデータを元に、顧客と合意した算出法を用いて試算しました。工業分野は、主要製品の使用の概算を求め算出しました。顧客での塗料の使用を販売製品の加工と定義を見直し、2024年度の報告より、定義を修正し、基準年となる2021年度から、再集計を実施しました。

Use of sold products

(7.8.1) Evaluation status

Select from:

☒ Not relevant, explanation provided

(7.8.5) Please explain

SBTiからのフィードバックで、塗料の使用（塗装、及び乾燥）は、カテゴリー10に移行しました。乾燥後の塗膜の状態でのCO2排出は、ほぼ無い為、算定対象外としました。

End of life treatment of sold products

(7.8.1) Evaluation status

Select from:

☒ Relevant, calculated

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

26232

(7.8.3) Emissions calculation methodology

Select all that apply

☒ Average data method

☒ Waste-type-specific method

(7.8.4) Percentage of emissions calculated using data obtained from suppliers or value chain partners

30

(7.8.5) Please explain

SBTiからのフィードバックにより、塗料容器の使用数量にそれぞれの容器の廃棄方法による排出量係数をかけて算出しました。リユースおよびリサイクルされる容器に関しては、その過程で排出される容器あたりの係数を調査し、それを使って算出しています。

Downstream leased assets

(7.8.1) Evaluation status

Select from:

☒ Not relevant, explanation provided

(7.8.5) Please explain

該当が無い為、ゼロです。また、軽微である為、管理対象外としました。

Franchises

(7.8.1) Evaluation status

Select from:

☒ Not relevant, explanation provided

(7.8.5) Please explain

フランチャイズ契約は無い為、ゼロです。また、軽微である為、管理対象外としました。

Investments

(7.8.1) Evaluation status

Select from:

☒ Relevant, calculated

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

16952

(7.8.3) Emissions calculation methodology

Select all that apply

☒ Fuel-based method

☒ Investment-specific method

(7.8.4) Percentage of emissions calculated using data obtained from suppliers or value chain partners

100

(7.8.5) Please explain

持分法会社がカテゴリ15に相当するとして、各社の Scope1,2 の排出量と持分比率から算出しました。

Other (upstream)

(7.8.1) Evaluation status

Select from:

☒ Not relevant, explanation provided

(7.8.5) Please explain

該当なしのため、排出量ゼロとして管理対象外とします。

Other (downstream)

(7.8.1) Evaluation status

Select from:

☒ Not relevant, explanation provided

(7.8.5) Please explain

事業所間物流をこれに該当すると定義します。上流でも下流でも無いが、任意として、含めています。
[Fixed row]

(7.8.1) Disclose or restate your Scope 3 emissions data for previous years.

Past year 1

(7.8.1.1) End date

03/30/2024

(7.8.1.2) Scope 3: Purchased goods and services (metric tons CO2e)

2510399

(7.8.1.3) Scope 3: Capital goods (metric tons CO2e)

69828

(7.8.1.4) Scope 3: Fuel and energy-related activities (not included in Scopes 1 or 2) (metric tons CO2e)

51536

(7.8.1.5) Scope 3: Upstream transportation and distribution (metric tons CO2e)

0

(7.8.1.6) Scope 3: Waste generated in operations (metric tons CO2e)

35640

(7.8.1.7) Scope 3: Business travel (metric tons CO2e)

4591

(7.8.1.8) Scope 3: Employee commuting (metric tons CO2e)

19892

(7.8.1.9) Scope 3: Upstream leased assets (metric tons CO2e)

0

(7.8.1.10) Scope 3: Downstream transportation and distribution (metric tons CO2e)

55879

(7.8.1.11) Scope 3: Processing of sold products (metric tons CO2e)

6520302

(7.8.1.12) Scope 3: Use of sold products (metric tons CO2e)

0

(7.8.1.13) Scope 3: End of life treatment of sold products (metric tons CO2e)

24241

(7.8.1.14) Scope 3: Downstream leased assets (metric tons CO2e)

0

(7.8.1.15) Scope 3: Franchises (metric tons CO2e)

0

(7.8.1.16) Scope 3: Investments (metric tons CO2e)

16773

(7.8.1.17) Scope 3: Other (upstream) (metric tons CO2e)

0

(7.8.1.18) Scope 3: Other (downstream) (metric tons CO2e)

0

(7.8.1.19) Comment

Past year 2

(7.8.1.1) End date

03/30/2023

(7.8.1.2) Scope 3: Purchased goods and services (metric tons CO2e)

2447771

(7.8.1.3) Scope 3: Capital goods (metric tons CO2e)

45637

(7.8.1.4) Scope 3: Fuel and energy-related activities (not included in Scopes 1 or 2) (metric tons CO2e)

49663

(7.8.1.5) Scope 3: Upstream transportation and distribution (metric tons CO2e)

0

(7.8.1.6) Scope 3: Waste generated in operations (metric tons CO2e)

42773

(7.8.1.7) Scope 3: Business travel (metric tons CO2e)

3926

(7.8.1.8) Scope 3: Employee commuting (metric tons CO2e)

18980

(7.8.1.9) Scope 3: Upstream leased assets (metric tons CO2e)

0

(7.8.1.10) Scope 3: Downstream transportation and distribution (metric tons CO2e)

48771

(7.8.1.11) Scope 3: Processing of sold products (metric tons CO2e)

6523001

(7.8.1.12) Scope 3: Use of sold products (metric tons CO2e)

0

(7.8.1.13) Scope 3: End of life treatment of sold products (metric tons CO2e)

23816

(7.8.1.14) Scope 3: Downstream leased assets (metric tons CO2e)

0

(7.8.1.15) Scope 3: Franchises (metric tons CO2e)

0

(7.8.1.16) Scope 3: Investments (metric tons CO2e)

17055

(7.8.1.17) Scope 3: Other (upstream) (metric tons CO2e)

0

(7.8.1.18) Scope 3: Other (downstream) (metric tons CO2e)

0

(7.8.1.19) Comment

Past year 3

(7.8.1.1) End date

03/30/2022

(7.8.1.2) Scope 3: Purchased goods and services (metric tons CO2e)

2524200

(7.8.1.3) Scope 3: Capital goods (metric tons CO2e)

55558

(7.8.1.4) Scope 3: Fuel and energy-related activities (not included in Scopes 1 or 2) (metric tons CO2e)

50223

(7.8.1.5) Scope 3: Upstream transportation and distribution (metric tons CO2e)

0

(7.8.1.6) Scope 3: Waste generated in operations (metric tons CO2e)

35279

(7.8.1.7) Scope 3: Business travel (metric tons CO2e)

2833

(7.8.1.8) Scope 3: Employee commuting (metric tons CO2e)

20885

(7.8.1.9) Scope 3: Upstream leased assets (metric tons CO2e)

0

(7.8.1.10) Scope 3: Downstream transportation and distribution (metric tons CO2e)

47544

(7.8.1.11) Scope 3: Processing of sold products (metric tons CO2e)

6559969

(7.8.1.12) Scope 3: Use of sold products (metric tons CO2e)

0

(7.8.1.13) Scope 3: End of life treatment of sold products (metric tons CO2e)

22785

(7.8.1.14) Scope 3: Downstream leased assets (metric tons CO2e)

0

(7.8.1.15) Scope 3: Franchises (metric tons CO2e)

0

(7.8.1.16) Scope 3: Investments (metric tons CO2e)

18395

(7.8.1.17) Scope 3: Other (upstream) (metric tons CO2e)

0

(7.8.1.18) Scope 3: Other (downstream) (metric tons CO2e)

0

(7.8.1.19) Comment

[Fixed row]

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

	Verification/assurance status
Scope 1	Select from: <input checked="" type="checkbox"/> No third-party verification or assurance
Scope 2 (location-based or market-based)	Select from: <input checked="" type="checkbox"/> No third-party verification or assurance
Scope 3	Select from: <input checked="" type="checkbox"/> No third-party verification or assurance

[Fixed row]

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

Select from:

☒ Decreased

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

Change in renewable energy consumption

(7.10.1.1) Change in emissions (metric tons CO2e)

10663

(7.10.1.2) Direction of change in emissions

Select from:

☒ Decreased

(7.10.1.3) Emissions value (percentage)

5.3

(7.10.1.4) Please explain calculation

一部関係会社の中で、電力供給を再生可能由来に変更しました。これに伴い、排出量が減少しました。

Other emissions reduction activities

(7.10.1.1) Change in emissions (metric tons CO2e)

3031

(7.10.1.2) Direction of change in emissions

Select from:

☒ Decreased

(7.10.1.3) Emissions value (percentage)

1.5

(7.10.1.4) Please explain calculation

老朽化したユーティリティ設備を高効率の設備に変更することにより、燃料消費を減らし、排出量の削減につながりました。

Divestment

(7.10.1.1) Change in emissions (metric tons CO2e)

0

(7.10.1.2) Direction of change in emissions

Select from:

☒ No change

(7.10.1.3) Emissions value (percentage)

0

(7.10.1.4) Please explain calculation

該当なし

Acquisitions

(7.10.1.1) Change in emissions (metric tons CO2e)

0

(7.10.1.2) Direction of change in emissions

Select from:

☒ No change

(7.10.1.3) Emissions value (percentage)

0

(7.10.1.4) Please explain calculation

該当なし

Mergers

(7.10.1.1) Change in emissions (metric tons CO2e)

0

(7.10.1.2) Direction of change in emissions

Select from:

☒ No change

(7.10.1.3) Emissions value (percentage)

0

(7.10.1.4) Please explain calculation

該当なし

Change in output

(7.10.1.1) Change in emissions (metric tons CO2e)

0

(7.10.1.2) Direction of change in emissions

Select from:

☒ No change

(7.10.1.3) Emissions value (percentage)

0

(7.10.1.4) Please explain calculation

該当なし

Change in methodology

(7.10.1.1) Change in emissions (metric tons CO₂e)

0

(7.10.1.2) Direction of change in emissions

Select from:

☒ No change

(7.10.1.3) Emissions value (percentage)

0

(7.10.1.4) Please explain calculation

該当なし

Change in boundary

(7.10.1.1) Change in emissions (metric tons CO₂e)

0

(7.10.1.2) Direction of change in emissions

Select from:

☒ No change

(7.10.1.3) Emissions value (percentage)

0

(7.10.1.4) Please explain calculation

該当なし

Change in physical operating conditions

(7.10.1.1) Change in emissions (metric tons CO2e)

0

(7.10.1.2) Direction of change in emissions

Select from:

☒ No change

(7.10.1.3) Emissions value (percentage)

0

(7.10.1.4) Please explain calculation

該当なし

Unidentified

(7.10.1.1) Change in emissions (metric tons CO2e)

0

(7.10.1.2) Direction of change in emissions

Select from:

☒ No change

(7.10.1.3) Emissions value (percentage)

0

(7.10.1.4) Please explain calculation

該当なし

Other

(7.10.1.1) Change in emissions (metric tons CO2e)

0

(7.10.1.2) Direction of change in emissions

Select from:

☒ No change

(7.10.1.3) Emissions value (percentage)

0

(7.10.1.4) Please explain calculation

該当なし

[Fixed row]

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

Select from:

☒ No

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

Select from:

☒ Yes

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

Row 1

(7.15.1.1) Greenhouse gas

Select from:

☒ CO2

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

72187

(7.15.1.3) GWP Reference

Select from:

☒ IPCC Sixth Assessment Report (AR6 - 100 year)

Row 2

(7.15.1.1) Greenhouse gas

Select from:

☒ CH4

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

0

(7.15.1.3) GWP Reference

Select from:

☒ IPCC Sixth Assessment Report (AR6 - 100 year)

Row 3

(7.15.1.1) Greenhouse gas

Select from:

☒ N2O

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

0

(7.15.1.3) GWP Reference

Select from:

☒ IPCC Sixth Assessment Report (AR6 - 100 year)

Row 4

(7.15.1.1) Greenhouse gas

Select from:

☒ HFCs

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

0

(7.15.1.3) GWP Reference

Select from:

☒ IPCC Sixth Assessment Report (AR6 - 100 year)

Row 5

(7.15.1.1) Greenhouse gas

Select from:

☒ PFCs

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

0

(7.15.1.3) GWP Reference

Select from:

☒ IPCC Sixth Assessment Report (AR6 - 100 year)

Row 6

(7.15.1.1) Greenhouse gas

Select from:

☒ SF6

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

0

(7.15.1.3) GWP Reference

Select from:

☒ IPCC Sixth Assessment Report (AR6 - 100 year)

Row 7

(7.15.1.1) Greenhouse gas

Select from:

☒ NF3

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

0

(7.15.1.3) GWP Reference

Select from:

☒ IPCC Sixth Assessment Report (AR6 - 100 year)

[Add row]

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

Austria

(7.16.1) Scope 1 emissions (metric tons CO2e)

26220

(7.16.2) Scope 2, location-based (metric tons CO2e)

14058

(7.16.3) Scope 2, market-based (metric tons CO2e)

13594

China

(7.16.1) Scope 1 emissions (metric tons CO2e)

185

(7.16.2) Scope 2, location-based (metric tons CO2e)

6340

(7.16.3) Scope 2, market-based (metric tons CO2e)

6181

India

(7.16.1) Scope 1 emissions (metric tons CO2e)

8219

(7.16.2) Scope 2, location-based (metric tons CO2e)

42883

(7.16.3) Scope 2, market-based (metric tons CO2e)

42076

Indonesia

(7.16.1) Scope 1 emissions (metric tons CO2e)

979

(7.16.2) Scope 2, location-based (metric tons CO2e)

7788

(7.16.3) Scope 2, market-based (metric tons CO2e)

6721

Italy

(7.16.1) Scope 1 emissions (metric tons CO2e)

0

(7.16.2) Scope 2, location-based (metric tons CO2e)

167

(7.16.3) Scope 2, market-based (metric tons CO2e)

93

Japan

(7.16.1) Scope 1 emissions (metric tons CO2e)

24377

(7.16.2) Scope 2, location-based (metric tons CO2e)

26899

(7.16.3) Scope 2, market-based (metric tons CO2e)

25898

Kenya

(7.16.1) Scope 1 emissions (metric tons CO2e)

636

(7.16.2) Scope 2, location-based (metric tons CO2e)

91

(7.16.3) Scope 2, market-based (metric tons CO2e)

75

Malaysia

(7.16.1) Scope 1 emissions (metric tons CO2e)

0

(7.16.2) Scope 2, location-based (metric tons CO2e)

6973

(7.16.3) Scope 2, market-based (metric tons CO2e)

6102

Philippines

(7.16.1) Scope 1 emissions (metric tons CO2e)

92

(7.16.2) Scope 2, location-based (metric tons CO2e)

101

(7.16.3) Scope 2, market-based (metric tons CO2e)

103

South Africa

(7.16.1) Scope 1 emissions (metric tons CO2e)

4892

(7.16.2) Scope 2, location-based (metric tons CO2e)

9669

(7.16.3) Scope 2, market-based (metric tons CO2e)

8775

Taiwan, China

(7.16.1) Scope 1 emissions (metric tons CO2e)

198

(7.16.2) Scope 2, location-based (metric tons CO2e)

1616

(7.16.3) Scope 2, market-based (metric tons CO2e)

1483

Thailand

(7.16.1) Scope 1 emissions (metric tons CO2e)

1071

(7.16.2) Scope 2, location-based (metric tons CO2e)

10741

(7.16.3) Scope 2, market-based (metric tons CO2e)

9773

Turkey

(7.16.1) Scope 1 emissions (metric tons CO2e)

4142

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

0

Uganda

(7.16.1) Scope 1 emissions (metric tons CO2e)

826

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

0

United Republic of Tanzania

(7.16.1) Scope 1 emissions (metric tons CO2e)

0

(7.16.2) Scope 2, location-based (metric tons CO2e)

196

(7.16.3) Scope 2, market-based (metric tons CO2e)

179

United States of America

(7.16.1) Scope 1 emissions (metric tons CO2e)

173

(7.16.2) Scope 2, location-based (metric tons CO2e)

692

(7.16.3) Scope 2, market-based (metric tons CO2e)

1130

Viet Nam

(7.16.1) Scope 1 emissions (metric tons CO2e)

52

(7.16.2) Scope 2, location-based (metric tons CO2e)

127

(7.16.3) Scope 2, market-based (metric tons CO2e)

140

[Fixed row]

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

Select all that apply

☒ By business division

(7.17.1) Break down your total gross global Scope 1 emissions by business division.

	Business division	Scope 1 emissions (metric ton CO2e)
Row 1	本社	14983
Row 3	国内関係会社	9394
Row 4	海外関係会社	47810

[Add row]

(7.19) Break down your organization's total gross global Scope 1 emissions by sector production activity in metric tons CO2e.

	Gross Scope 1 emissions, metric tons CO2e
Chemicals production activities	72187

[Fixed row]

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

Select all that apply

☒ By business division

(7.20.1) Break down your total gross global Scope 2 emissions by business division.

	Business division	Scope 2, location-based (metric tons CO2e)
Row 1	本社	19397
Row 3	国内関係会社	7502
Row 4	海外関係会社	101834

[Add row]

(7.21) Break down your organization's total gross global Scope 2 emissions by sector production activity in metric tons CO2e.

	Scope 2, location-based, metric tons CO2e	Comment
Chemicals production activities	128522	マーケット基準に関しては、一部不明な地域でロケーション基準の数値を使用しました。

[Fixed row]

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

	Scope 1 emissions (metric tons CO2e)	Scope 2, location-based emissions (metric tons CO2e)	Please explain
Consolidated accounting group	72187	128552	持分法会社からの排出量は、Scope3、Category15 で算出しております。
All other entities	0	0	持分法会社からの排出量は、Scope3、Category15 で算出しております。

[Fixed row]

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

Select from:

☒ Yes

(7.23.1) Break down your gross Scope 1 and Scope 2 emissions by subsidiary.

Row 1

(7.23.1.1) Subsidiary name

Kansai Helios Coatings GmbH

(7.23.1.2) Primary activity

Select from:

☒ Other base chemicals

(7.23.1.3) Select the unique identifier you are able to provide for this subsidiary

Select all that apply

☒ No unique identifier

(7.23.1.12) Scope 1 emissions (metric tons CO2e)

26220

(7.23.1.13) Scope 2, location-based emissions (metric tons CO2e)

14058

(7.23.1.15) Comment

当社の主要な事業拠点の一つです。

Row 2

(7.23.1.1) Subsidiary name

Kansai Altan Boya Sanayi ve Ticaret A.Ş.

(7.23.1.2) Primary activity

Select from:

☒ Other base chemicals

(7.23.1.3) Select the unique identifier you are able to provide for this subsidiary

Select all that apply

☒ No unique identifier

(7.23.1.12) Scope 1 emissions (metric tons CO2e)

4142

(7.23.1.13) Scope 2, location-based emissions (metric tons CO2e)

0

(7.23.1.15) Comment

当社の主要な事業拠点の一つです。

Row 3

(7.23.1.1) Subsidiary name

Kansai Nerolac Paints Ltd.

(7.23.1.2) Primary activity

Select from:

☒ Other base chemicals

(7.23.1.3) Select the unique identifier you are able to provide for this subsidiary

Select all that apply

☒ No unique identifier

(7.23.1.12) Scope 1 emissions (metric tons CO2e)

8198

(7.23.1.13) Scope 2, location-based emissions (metric tons CO2e)

42831

(7.23.1.15) Comment

当社の主要な事業拠点の一つです。

Row 4

(7.23.1.1) Subsidiary name

KPAL

(7.23.1.2) Primary activity

Select from:

☒ Other base chemicals

(7.23.1.3) Select the unique identifier you are able to provide for this subsidiary

Select all that apply

☒ No unique identifier

(7.23.1.12) Scope 1 emissions (metric tons CO2e)

4892

(7.23.1.13) Scope 2, location-based emissions (metric tons CO2e)

9669

(7.23.1.15) Comment

当社の主要な事業拠点の一つです。

[Add row]

(7.25) Disclose the percentage of your organization's Scope 3, Category 1 emissions by purchased chemical feedstock.

Row 1

(7.25.1) Purchased feedstock

Select from:

☒ Other (please specify) :顔料

(7.25.2) Percentage of Scope 3, Category 1 tCO2e from purchased feedstock

27

(7.25.3) Explain calculation methodology

購入原料にサプライチェーンを通じた組織の温室効果ガス排出量単位データベース（IDEA Ver.3.3）の排出係数を乗じて、購入原料由来二酸化炭素排出量を求めた。割合は、本社で購入分について、当該品目（無機顔料、有機顔料等）の集計値を購入原料由来の総排出量で除して求めた。

Row 2

(7.25.1) Purchased feedstock

Select from:

☒ Polymers

(7.25.2) Percentage of Scope 3, Category 1 tCO2e from purchased feedstock

27

(7.25.3) Explain calculation methodology

購入原料にサプライチェーンを通じた組織の温室効果ガス排出量単位データベース (IDEA Ver.3.3) の排出係数を乗じて、購入原料由来二酸化炭素排出量を求めた。割合は、本社で購入分について、当該品目 (エポキシ樹脂、アクリル樹脂等) の集計値を購入原料由来の総排出量で除して求めた。

Row 3

(7.25.1) Purchased feedstock

Select from:

☒ Other base chemicals :基礎化学品

(7.25.2) Percentage of Scope 3, Category 1 tCO2e from purchased feedstock

14

(7.25.3) Explain calculation methodology

購入原料にサプライチェーンを通じた組織の温室効果ガス排出量単位データベース (IDEA Ver.3.3) の排出係数を乗じて、購入原料由来二酸化炭素排出量を求めた。割合は、本社で購入分について、当該品目 (モノマー等) の集計値を購入原料由来の総排出量で除して求めた。

[Add row]

(7.25.1) Disclose sales of products that are greenhouse gases.

Carbon dioxide (CO2)

(7.25.1.1) Sales, metric tons

0

(7.25.1.2) Comment

当社は販売していない

Methane (CH4)

(7.25.1.1) Sales, metric tons

0

(7.25.1.2) Comment

当社は販売していない

Nitrous oxide (N2O)

(7.25.1.1) Sales, metric tons

0

(7.25.1.2) Comment

当社は販売していない

Hydrofluorocarbons (HFC)

(7.25.1.1) Sales, metric tons

0

(7.25.1.2) Comment

当社は販売していない

Perfluorocarbons (PFC)

(7.25.1.1) Sales, metric tons

0

(7.25.1.2) Comment

当社は販売していない

Sulphur hexafluoride (SF6)

(7.25.1.1) Sales, metric tons

0

(7.25.1.2) Comment

当社は販売していない

Nitrogen trifluoride (NF3)

(7.25.1.1) Sales, metric tons

0

(7.25.1.2) Comment

当社は販売していない

[Fixed row]

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

Row 1

(7.27.1) Allocation challenges

Select from:

☒ We face no challenges

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

私たちは課題には直面していません

[Add row]

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

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

Select from:

☒ No

(7.28.3) Primary reason for no plans to develop your capabilities to allocate emissions to your customers

Select from:

☒ No standardized procedure

(7.28.4) Explain why you do not plan to develop capabilities to allocate emissions to your customers

標準化された手続きがない為

[Fixed row]

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

Select from:

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

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

	Indicate whether your organization undertook this energy-related activity in the reporting year
Consumption of fuel (excluding feedstocks)	Select from: <input checked="" type="checkbox"/> Yes
Consumption of purchased or acquired electricity	Select from: <input checked="" type="checkbox"/> Yes
Consumption of purchased or acquired heat	Select from: <input checked="" type="checkbox"/> Yes
Consumption of purchased or acquired steam	Select from: <input checked="" type="checkbox"/> Yes
Consumption of purchased or acquired cooling	Select from: <input checked="" type="checkbox"/> No
Generation of electricity, heat, steam, or cooling	Select from: <input checked="" type="checkbox"/> Yes

[Fixed row]

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

Consumption of fuel (excluding feedstock)

(7.30.1.1) Heating value

Select from:

☒ HHV (higher heating value)

(7.30.1.2) MWh from renewable sources

37396

(7.30.1.3) MWh from non-renewable sources

365969

(7.30.1.4) Total (renewable + non-renewable) MWh

403365.00

Consumption of purchased or acquired electricity

(7.30.1.1) Heating value

Select from:

☒ Unable to confirm heating value

(7.30.1.2) MWh from renewable sources

31496

(7.30.1.3) MWh from non-renewable sources

247842

(7.30.1.4) Total (renewable + non-renewable) MWh

279338.00

Consumption of purchased or acquired heat

(7.30.1.1) Heating value

Select from:

☒ Unable to confirm heating value

(7.30.1.2) MWh from renewable sources

0

(7.30.1.3) MWh from non-renewable sources

5477

(7.30.1.4) Total (renewable + non-renewable) MWh

5477.00

Consumption of purchased or acquired steam

(7.30.1.1) Heating value

Select from:

☒ Unable to confirm heating value

(7.30.1.2) MWh from renewable sources

0

(7.30.1.3) MWh from non-renewable sources

5827

(7.30.1.4) Total (renewable + non-renewable) MWh

5827.00

Consumption of self-generated non-fuel renewable energy

(7.30.1.1) Heating value

Select from:

☒ Unable to confirm heating value

(7.30.1.2) MWh from renewable sources

48946

(7.30.1.4) Total (renewable + non-renewable) MWh

48946.00

Total energy consumption

(7.30.1.1) Heating value

Select from:

☒ Unable to confirm heating value

(7.30.1.2) MWh from renewable sources

117838

(7.30.1.3) MWh from non-renewable sources

625115

(7.30.1.4) Total (renewable + non-renewable) MWh

742953.00

[Fixed row]

(7.30.3) Report your organization's energy consumption totals (excluding feedstocks) for chemical production activities in MWh.

Consumption of fuel (excluding feedstocks)

(7.30.3.1) Heating value

Select from:

☒ HHV (higher heating value)

(7.30.3.2) MWh consumed from renewable sources inside chemical sector boundary

37396

(7.30.3.3) MWh consumed from non-renewable sources inside chemical sector boundary (excluding recovered waste heat/gases)

365969

(7.30.3.4) MWh consumed from waste heat/gases recovered from processes using fuel feedstocks inside chemical sector boundary

0

(7.30.3.5) Total MWh (renewable + non-renewable + MWh from recovered waste heat/gases) consumed inside chemical sector boundary

403365.00

Consumption of purchased or acquired electricity

(7.30.3.1) Heating value

Select from:

☒ Unable to confirm heating value

(7.30.3.2) MWh consumed from renewable sources inside chemical sector boundary

31496

(7.30.3.3) MWh consumed from non-renewable sources inside chemical sector boundary (excluding recovered waste heat/gases)

247842

(7.30.3.4) MWh consumed from waste heat/gases recovered from processes using fuel feedstocks inside chemical sector boundary

0

(7.30.3.5) Total MWh (renewable + non-renewable + MWh from recovered waste heat/gases) consumed inside chemical sector boundary

279338.00

Consumption of purchased or acquired heat

(7.30.3.1) Heating value

Select from:

☒ Unable to confirm heating value

(7.30.3.2) MWh consumed from renewable sources inside chemical sector boundary

0

(7.30.3.3) MWh consumed from non-renewable sources inside chemical sector boundary (excluding recovered waste heat/gases)

5477

(7.30.3.4) MWh consumed from waste heat/gases recovered from processes using fuel feedstocks inside chemical sector boundary

0

(7.30.3.5) Total MWh (renewable + non-renewable + MWh from recovered waste heat/gases) consumed inside chemical sector boundary

5477.00

Consumption of purchased or acquired steam

(7.30.3.1) Heating value

Select from:

☒ Unable to confirm heating value

(7.30.3.2) MWh consumed from renewable sources inside chemical sector boundary

0

(7.30.3.3) MWh consumed from non-renewable sources inside chemical sector boundary (excluding recovered waste heat/gases)

5827

(7.30.3.4) MWh consumed from waste heat/gases recovered from processes using fuel feedstocks inside chemical sector boundary

0

(7.30.3.5) Total MWh (renewable + non-renewable + MWh from recovered waste heat/gases) consumed inside chemical sector boundary

5827.00

Consumption of self-generated non-fuel renewable energy

(7.30.3.1) Heating value

Select from:

☒ Unable to confirm heating value

(7.30.3.2) MWh consumed from renewable sources inside chemical sector boundary

48946

(7.30.3.5) Total MWh (renewable + non-renewable + MWh from recovered waste heat/gases) consumed inside chemical sector boundary

48946.00

Total energy consumption

(7.30.3.1) Heating value

Select from:

☒ Unable to confirm heating value

(7.30.3.2) MWh consumed from renewable sources inside chemical sector boundary

117838

(7.30.3.3) MWh consumed from non-renewable sources inside chemical sector boundary (excluding recovered waste heat/gases)

625115

(7.30.3.4) MWh consumed from waste heat/gases recovered from processes using fuel feedstocks inside chemical sector boundary

0

(7.30.3.5) Total MWh (renewable + non-renewable + MWh from recovered waste heat/gases) consumed inside chemical sector boundary

742953.00

[Fixed row]

(7.30.6) 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	Select from: <input checked="" type="checkbox"/> No
Consumption of fuel for the generation of heat	Select from: <input checked="" type="checkbox"/> Yes
Consumption of fuel for the generation of steam	Select from: <input checked="" type="checkbox"/> Yes
Consumption of fuel for the generation of cooling	Select from: <input checked="" type="checkbox"/> Yes
Consumption of fuel for co-generation or tri-generation	Select from: <input checked="" type="checkbox"/> Yes

[Fixed row]

(7.30.7) State how much fuel in MWh your organization has consumed (excluding feedstocks) by fuel type.

Sustainable biomass

(7.30.7.1) Heating value

Select from:

☒ HHV

(7.30.7.2) Total fuel MWh consumed by the organization

34741

(7.30.7.4) MWh fuel consumed for self-generation of heat

0

(7.30.7.5) MWh fuel consumed for self-generation of steam

34741

(7.30.7.6) MWh fuel consumed for self-generation of cooling

0

(7.30.7.7) MWh fuel consumed for self- cogeneration or self-trigeneration

0

(7.30.7.8) Comment

Other biomass

(7.30.7.1) Heating value

Select from:

☒ HHV

(7.30.7.2) Total fuel MWh consumed by the organization

2655

(7.30.7.4) MWh fuel consumed for self-generation of heat

2655

(7.30.7.5) MWh fuel consumed for self-generation of steam

0

(7.30.7.6) MWh fuel consumed for self-generation of cooling

0

(7.30.7.7) MWh fuel consumed for self- cogeneration or self-trigeneration

0

(7.30.7.8) Comment

Other renewable fuels (e.g. renewable hydrogen)

(7.30.7.1) Heating value

Select from:

☒ HHV

(7.30.7.2) Total fuel MWh consumed by the organization

0

(7.30.7.4) MWh fuel consumed for self-generation of heat

0

(7.30.7.5) MWh fuel consumed for self-generation of steam

0

(7.30.7.6) MWh fuel consumed for self-generation of cooling

0

(7.30.7.7) MWh fuel consumed for self- cogeneration or self-trigeneration

0

(7.30.7.8) Comment

Coal

(7.30.7.1) Heating value

Select from:

☒ HHV

(7.30.7.2) Total fuel MWh consumed by the organization

0

(7.30.7.4) MWh fuel consumed for self-generation of heat

0

(7.30.7.5) MWh fuel consumed for self-generation of steam

0

(7.30.7.6) MWh fuel consumed for self-generation of cooling

0

(7.30.7.7) MWh fuel consumed for self- cogeneration or self-trigeneration

0

(7.30.7.8) Comment

Oil

(7.30.7.1) Heating value

Select from:

☒ HHV

(7.30.7.2) Total fuel MWh consumed by the organization

60162

(7.30.7.4) MWh fuel consumed for self-generation of heat

0

(7.30.7.5) MWh fuel consumed for self-generation of steam

60162

(7.30.7.6) MWh fuel consumed for self-generation of cooling

0

(7.30.7.7) MWh fuel consumed for self- cogeneration or self-trigeneration

0

(7.30.7.8) Comment

A 重油、軽油、灯油、ガソリン、LPG を使用しております。

Gas

(7.30.7.1) Heating value

Select from:

☒ HHV

(7.30.7.2) Total fuel MWh consumed by the organization

305807

(7.30.7.4) MWh fuel consumed for self-generation of heat

0

(7.30.7.5) MWh fuel consumed for self-generation of steam

305807

(7.30.7.6) MWh fuel consumed for self-generation of cooling

0

(7.30.7.7) MWh fuel consumed for self- cogeneration or self-trigeneration

0

(7.30.7.8) Comment

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

(7.30.7.1) Heating value

Select from:

☒ HHV

(7.30.7.2) Total fuel MWh consumed by the organization

0

(7.30.7.4) MWh fuel consumed for self-generation of heat

0

(7.30.7.5) MWh fuel consumed for self-generation of steam

0

(7.30.7.6) MWh fuel consumed for self-generation of cooling

0

(7.30.7.7) MWh fuel consumed for self- cogeneration or self-trigeneration

0

(7.30.7.8) Comment

Total fuel

(7.30.7.1) Heating value

Select from:

☒ HHV

(7.30.7.2) Total fuel MWh consumed by the organization

403365

(7.30.7.4) MWh fuel consumed for self-generation of heat

2655

(7.30.7.5) MWh fuel consumed for self-generation of steam

400710

(7.30.7.6) MWh fuel consumed for self-generation of cooling

0

(7.30.7.7) MWh fuel consumed for self- cogeneration or self-trigeneration

0

(7.30.7.8) Comment

[Fixed row]

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

Electricity

(7.30.9.1) Total Gross generation (MWh)

31279

(7.30.9.2) Generation that is consumed by the organization (MWh)

31279

(7.30.9.3) Gross generation from renewable sources (MWh)

31226

(7.30.9.4) Generation from renewable sources that is consumed by the organization (MWh)

31226

Heat

(7.30.9.1) Total Gross generation (MWh)

0

(7.30.9.2) Generation that is consumed by the organization (MWh)

0

(7.30.9.3) Gross generation from renewable sources (MWh)

0

(7.30.9.4) Generation from renewable sources that is consumed by the organization (MWh)

0

Steam

(7.30.9.1) Total Gross generation (MWh)

0

(7.30.9.2) Generation that is consumed by the organization (MWh)

0

(7.30.9.3) Gross generation from renewable sources (MWh)

0

(7.30.9.4) Generation from renewable sources that is consumed by the organization (MWh)

0

Cooling

(7.30.9.1) Total Gross generation (MWh)

0

(7.30.9.2) Generation that is consumed by the organization (MWh)

0

(7.30.9.3) Gross generation from renewable sources (MWh)

0

(7.30.9.4) Generation from renewable sources that is consumed by the organization (MWh)

0

[Fixed row]

(7.30.11) Provide details on electricity, heat, steam, and cooling your organization has generated and consumed for chemical production activities.

Electricity

(7.30.11.1) Total gross generation inside chemicals sector boundary (MWh)

31279

(7.30.11.2) Generation that is consumed inside chemicals sector boundary (MWh)

31279

(7.30.11.3) Generation from renewable sources inside chemical sector boundary (MWh)

31226

(7.30.11.4) Generation from waste heat/gases recovered from processes using fuel feedstocks inside chemical sector boundary (MWh)

31226

Heat

(7.30.11.1) Total gross generation inside chemicals sector boundary (MWh)

0

(7.30.11.2) Generation that is consumed inside chemicals sector boundary (MWh)

0

(7.30.11.3) Generation from renewable sources inside chemical sector boundary (MWh)

0

(7.30.11.4) Generation from waste heat/gases recovered from processes using fuel feedstocks inside chemical sector boundary (MWh)

0

Steam

(7.30.11.1) Total gross generation inside chemicals sector boundary (MWh)

0

(7.30.11.2) Generation that is consumed inside chemicals sector boundary (MWh)

0

(7.30.11.3) Generation from renewable sources inside chemical sector boundary (MWh)

0

(7.30.11.4) Generation from waste heat/gases recovered from processes using fuel feedstocks inside chemical sector boundary (MWh)

0

Cooling

(7.30.11.1) Total gross generation inside chemicals sector boundary (MWh)

0

(7.30.11.2) Generation that is consumed inside chemicals sector boundary (MWh)

0

(7.30.11.3) Generation from renewable sources inside chemical sector boundary (MWh)

0

(7.30.11.4) Generation from waste heat/gases recovered from processes using fuel feedstocks inside chemical sector boundary (MWh)

0

[Fixed row]

(7.30.16) Provide a breakdown by country/area of your electricity/heat/steam/cooling consumption in the reporting year.

Austria

(7.30.16.1) Consumption of purchased electricity (MWh)

55222

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

1356

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

0

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

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

56578.00

Bangladesh

(7.30.16.1) Consumption of purchased electricity (MWh)

0

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

0

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

0

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

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

0.00

Bosnia & Herzegovina

(7.30.16.1) Consumption of purchased electricity (MWh)

0

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

0

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

0

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

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

0.00

Botswana

(7.30.16.1) Consumption of purchased electricity (MWh)

0

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

0

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

0

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

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

0.00

Brazil

(7.30.16.1) Consumption of purchased electricity (MWh)

0

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

0

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

0

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

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

0.00

Brunei Darussalam

(7.30.16.1) Consumption of purchased electricity (MWh)

0

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

0

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

0

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

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

0.00

Burundi

(7.30.16.1) Consumption of purchased electricity (MWh)

0

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

0

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

0

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

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

0.00

China

(7.30.16.1) Consumption of purchased electricity (MWh)

10759

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

0

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

0

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

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

10759.00

Croatia

(7.30.16.1) Consumption of purchased electricity (MWh)

0

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

0

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

0

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

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

0.00

Czechia

(7.30.16.1) Consumption of purchased electricity (MWh)

0

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

0

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

0

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

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

0.00

Germany

(7.30.16.1) Consumption of purchased electricity (MWh)

0

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

0

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

0

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

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

0.00

Hong Kong SAR, China

(7.30.16.1) Consumption of purchased electricity (MWh)

0

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

0

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

0

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

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

0.00

Hungary

(7.30.16.1) Consumption of purchased electricity (MWh)

0

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

0

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

0

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

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

0.00

India

(7.30.16.1) Consumption of purchased electricity (MWh)

58766

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

28848.7

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

0

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

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

87614.70

Indonesia

(7.30.16.1) Consumption of purchased electricity (MWh)

9898

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

0

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

0

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

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

9898.00

Italy

(7.30.16.1) Consumption of purchased electricity (MWh)

533

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

39

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

0

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

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

572.00

Japan

(7.30.16.1) Consumption of purchased electricity (MWh)

63741

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

946

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

0

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

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

64687.00

Kenya

(7.30.16.1) Consumption of purchased electricity (MWh)

784

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

0

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

0

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

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

784.00

Malawi

(7.30.16.1) Consumption of purchased electricity (MWh)

0

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

0

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

0

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

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

0.00

Malaysia

(7.30.16.1) Consumption of purchased electricity (MWh)

11094

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

946

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

0

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

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

12040.00

Mauritius

(7.30.16.1) Consumption of purchased electricity (MWh)

0

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

0

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

0

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

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

0.00

Mexico

(7.30.16.1) Consumption of purchased electricity (MWh)

0

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

0

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

0

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

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

0.00

Montenegro

(7.30.16.1) Consumption of purchased electricity (MWh)

0

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

0

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

0

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

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

0.00

Namibia

(7.30.16.1) Consumption of purchased electricity (MWh)

0

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

0

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

0

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

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

0.00

Nepal

(7.30.16.1) Consumption of purchased electricity (MWh)

0

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

0

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

0

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

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

0.00

North Macedonia

(7.30.16.1) Consumption of purchased electricity (MWh)

0

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

0

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

0

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

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

0.00

Peru

(7.30.16.1) Consumption of purchased electricity (MWh)

0

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

0

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

0

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

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

0.00

Philippines

(7.30.16.1) Consumption of purchased electricity (MWh)

146

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

0

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

0

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

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

146.00

Poland

(7.30.16.1) Consumption of purchased electricity (MWh)

0

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

0

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

0

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

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

0.00

Romania

(7.30.16.1) Consumption of purchased electricity (MWh)

0

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

0

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

0

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

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

0.00

Russian Federation

(7.30.16.1) Consumption of purchased electricity (MWh)

0

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

0

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

0

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

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

0.00

Serbia

(7.30.16.1) Consumption of purchased electricity (MWh)

0

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

0

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

0

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

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

0.00

Singapore

(7.30.16.1) Consumption of purchased electricity (MWh)

0

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

0

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

0

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

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

0.00

Slovakia

(7.30.16.1) Consumption of purchased electricity (MWh)

0

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

0

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

0

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

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

0.00

Slovenia

(7.30.16.1) Consumption of purchased electricity (MWh)

0

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

0

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

0

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

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

0.00

South Africa

(7.30.16.1) Consumption of purchased electricity (MWh)

10206

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

0

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

0

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

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

10206.00

Taiwan, China

(7.30.16.1) Consumption of purchased electricity (MWh)

3001

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

0

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

0

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

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

3001.00

Thailand

(7.30.16.1) Consumption of purchased electricity (MWh)

20828

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

0

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

0

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

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

20828.00

Turkey

(7.30.16.1) Consumption of purchased electricity (MWh)

24379

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

0

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

0

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

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

24379.00

Uganda

(7.30.16.1) Consumption of purchased electricity (MWh)

1476

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

0

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

0

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

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

1476.00

Ukraine

(7.30.16.1) Consumption of purchased electricity (MWh)

0

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

0

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

0

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

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

0.00

United Kingdom of Great Britain and Northern Ireland

(7.30.16.1) Consumption of purchased electricity (MWh)

0

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

0

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

0

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

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

0.00

United Republic of Tanzania

(7.30.16.1) Consumption of purchased electricity (MWh)

557

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

0

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

0

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

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

557.00

United States of America

(7.30.16.1) Consumption of purchased electricity (MWh)

1972

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

0

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

0

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

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

1972.00

Viet Nam

(7.30.16.1) Consumption of purchased electricity (MWh)

250

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

0

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

0

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

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

250.00

Zambia

(7.30.16.1) Consumption of purchased electricity (MWh)

0

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

0

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

0

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

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

0.00

Zimbabwe

(7.30.16.1) Consumption of purchased electricity (MWh)

0

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

0

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

0

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

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

0.00

[Fixed row]

(7.31) Does your organization consume fuels as feedstocks for chemical production activities?

Select from:

☒ No

(7.39) Provide details on your organization’s chemical products.

Row 1

(7.39.1) Output product

Select from:
☒ Other, please specify :塗料

(7.39.2) Production (metric tons)

1491631

(7.39.3) Capacity (metric tons)

1491631

(7.39.4) Direct emissions intensity (metric tons CO2e per metric ton of product)

0.0484

(7.39.5) Electricity intensity (MWh per metric ton of product)

0.2082

(7.39.6) Steam intensity (MWh per metric ton of product)

0.0039

(7.39.7) Steam/ heat recovered (MWh per metric ton of product)

0
[Add row]

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

Row 1

(7.45.1) Intensity figure

0.0000340864

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

200709

(7.45.3) Metric denominator

Select from:

☒ unit total revenue

(7.45.4) Metric denominator: Unit total

588825000000

(7.45.5) Scope 2 figure used

Select from:

☒ Location-based

(7.45.6) % change from previous year

90.7

(7.45.7) Direction of change

Select from:

☒ Decreased

(7.45.8) Reasons for change

Select all that apply

- ☒ Change in renewable energy consumption
- ☒ Other emissions reduction activities

(7.45.9) Please explain

一部の関連会社において、電力供給を再生可能エネルギー由来に切り替えるとともに、老朽化したユーティリティ設備をエネルギー効率の高い設備へ更新することで、排出量を削減しました。

[Add row]

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

Row 1

(7.52.1) Description

Select from:

- ☒ Energy usage

(7.52.2) Metric value

724734

(7.52.3) Metric numerator

エネルギー消費量

(7.52.4) Metric denominator (intensity metric only)

なし

(7.52.5) % change from previous year

102.3

(7.52.6) Direction of change

Select from:

☒ Increased

(7.52.7) Please explain

生産量が増加したことにより、エネルギー消費量も増加した。

Row 2

(7.52.1) Description

Select from:

☒ Other, please specify :再生可能エネルギー使用率

(7.52.2) Metric value

13.8

(7.52.3) Metric numerator

再生可能エネルギー使用量

(7.52.4) Metric denominator (intensity metric only)

全エネルギー使用量

(7.52.5) % change from previous year

124.3

(7.52.6) Direction of change

Select from:

☒ Increased

(7.52.7) Please explain

部関係会社の中で、電力供給を再生可能由来に変更したため。

[Add row]

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

Select all that apply

☒ Absolute target

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

Row 1

(7.53.1.1) Target reference number

Select from:

☒ Abs 1

(7.53.1.2) Is this a science-based target?

Select from:

☒ No, but we are reporting another target that is science-based

(7.53.1.5) Date target was set

07/25/2023

(7.53.1.6) Target coverage

Select from:

☒ Organization-wide

(7.53.1.7) Greenhouse gases covered by target

Select all that apply

☒ Carbon dioxide (CO2)

(7.53.1.8) Scopes

Select all that apply

☒ Scope 1

☒ Scope 2

(7.53.1.9) Scope 2 accounting method

Select from:

☒ Location-based

(7.53.1.11) End date of base year

03/30/2022

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

70633

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

140299

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

0.000

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

210932.000

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

100

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

100

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

100

(7.53.1.54) End date of target

03/30/2031

(7.53.1.55) Targeted reduction from base year (%)

30

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

147652.400

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

72187

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

128522

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

200709.000

(7.53.1.78) Land-related emissions covered by target

Select from:

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

(7.53.1.79) % of target achieved relative to base year

16.16

(7.53.1.80) Target status in reporting year

Select from:

☒ Underway

(7.53.1.82) Explain target coverage and identify any exclusions

目標対象範囲は、組織全体で、除外事項は特にありません。

(7.53.1.83) Target objective

気候変動対策として、当社グループ組織全体の GHG 排出量 (Scope1・2) の削減により、気温上昇 1.5 度未満を実現する。

(7.53.1.84) Plan for achieving target, and progress made to the end of the reporting year

(7.53.1.85) Target derived using a sectoral decarbonization approach

Select from:

☒ No

[Add row]

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

Select all that apply

☒ Targets to increase or maintain low-carbon energy consumption or production

(7.54.1) Provide details of your targets to increase or maintain low-carbon energy consumption or production.

Row 1

(7.54.1.1) Target reference number

Select from:

☒ Low 1

(7.54.1.2) Date target was set

07/25/2023

(7.54.1.3) Target coverage

Select from:

☒ Organization-wide

(7.54.1.4) Target type: energy carrier

Select from:

☒ Electricity

(7.54.1.5) Target type: activity

Select from:

☒ Consumption

(7.54.1.6) Target type: energy source

Select from:

☒ Renewable energy source(s) only

(7.54.1.7) End date of base year

03/30/2022

(7.54.1.8) Consumption or production of selected energy carrier in base year (MWh)

44624

(7.54.1.9) % share of low-carbon or renewable energy in base year

6.4

(7.54.1.10) End date of target

03/30/2031

(7.54.1.11) % share of low-carbon or renewable energy at end date of target

15

(7.54.1.12) % share of low-carbon or renewable energy in reporting year

13.8

(7.54.1.13) % of target achieved relative to base year

86.05

(7.54.1.14) Target status in reporting year

Select from:

☒ Underway

(7.54.1.16) Is this target part of an emissions target?

GHG 排出量削減目標の1つとして掲げています。

(7.54.1.17) Is this target part of an overarching initiative?

Select all that apply

☒ No, it's not part of an overarching initiative

(7.54.1.19) Explain target coverage and identify any exclusions

除外項目はありません。

(7.54.1.20) Target objective

気候変動対策として、当社グループ組織全体の GHG 排出量（Scope1・2）の削減により、気温上昇 1.5 度未満を実現する。

(7.54.1.21) Plan for achieving target, and progress made to the end of the reporting year

[Add row]

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

Select from:

☒ Yes

(7.55.1) 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
Under investigation	0	`Numeric input
To be implemented	11	1096
Implementation commenced	3	207
Implemented	10	287
Not to be implemented	0	`Numeric input

[Fixed row]

(7.55.2) Provide details on the initiatives implemented in the reporting year in the table below.

Row 1

(7.55.2.1) Initiative category & Initiative type

Energy efficiency in production processes

☒ Machine/equipment replacement

(7.55.2.2) Estimated annual CO2e savings (metric tonnes CO2e)

316

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

Select all that apply

☒ Scope 1

☒ Scope 2 (location-based)

(7.55.2.4) Voluntary/Mandatory

Select from:

☒ Voluntary

(7.55.2.5) Annual monetary savings (unit currency – as specified in 1.2)

0

(7.55.2.6) Investment required (unit currency – as specified in 1.2)

115000000

(7.55.2.7) Payback period

Select from:

☒ 1-3 years

(7.55.2.8) Estimated lifetime of the initiative

Select from:

☒ 1-2 years

(7.55.2.9) Comment

Row 2

(7.55.2.1) Initiative category & Initiative type

Energy efficiency in production processes

☒ Process optimization

(7.55.2.2) Estimated annual CO2e savings (metric tonnes CO2e)

1828

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

Select all that apply

- ☒ Scope 1
- ☒ Scope 2 (location-based)

(7.55.2.4) Voluntary/Mandatory

Select from:

- ☒ Voluntary

(7.55.2.5) Annual monetary savings (unit currency – as specified in 1.2)

0

(7.55.2.6) Investment required (unit currency – as specified in 1.2)

0

(7.55.2.7) Payback period

Select from:

- ☒ <1 year

(7.55.2.8) Estimated lifetime of the initiative

Select from:

- ☒ 1-2 years

(7.55.2.9) Comment

[Add row]

(7.55.3) What methods do you use to drive investment in emissions reduction activities?

Row 1

(7.55.3.1) Method

Select from:

☒ Compliance with regulatory requirements/standards

(7.55.3.2) Comment

投資案件に関するエネルギー削減、CO2削減の効果。日本のみ。

Row 2

(7.55.3.1) Method

Select from:

☒ Dedicated budget for low-carbon product R&D

(7.55.3.2) Comment

KPI にサステナビリティ関連テーマの割合を 80%以上とする事を目標として設定した。

Row 3

(7.55.3.1) Method

Select from:

☒ Internal incentives/recognition programs

(7.55.3.2) Comment

担当役員の業績評価にインセンティブが導入されました。

[Add row]

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

Select from:

☒ No, I am not providing data

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

Select from:

☒ No

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

Select from:

☒ No

C9. Environmental performance - Water security

(9.1) Are there any exclusions from your disclosure of water-related data?

Select from:

☒ No

(9.2) Across all your operations, what proportion of the following water aspects are regularly measured and monitored?

Water withdrawals – total volumes

(9.2.1) % of sites/facilities/operations

Select from:

☒ 76-99

(9.2.2) Frequency of measurement

Select from:

☒ Yearly

(9.2.3) Method of measurement

購入量及び地下水汲み上げ量から算出しています。

(9.2.4) Please explain

当社の取水は、第三者からの供給（購入）及び地下水の利用で賄われており、第三社からの購入量は、請求書の実績値より集計され、地下水の利用はその汲み上げ量を計量、記録しています。

Water withdrawals – volumes by source

(9.2.1) % of sites/facilities/operations

Select from:

☒ 76-99

(9.2.2) Frequency of measurement

Select from:

☒ Yearly

(9.2.3) Method of measurement

購入量及び地下水汲み上げ量から算出しています。

(9.2.4) Please explain

当社の取水は、第三者からの供給（購入）及び地下水の利用で賄われており、第三社からの購入量は、請求書の実績値より集計され、地下水の利用はその汲み上げ量を計量、記録しています。

Water withdrawals quality

(9.2.1) % of sites/facilities/operations

Select from:

☒ 26-50

(9.2.2) Frequency of measurement

Select from:

☒ Yearly

(9.2.3) Method of measurement

第三者が測定し、その記録を引用しています。

(9.2.4) Please explain

水質の評価項目については、主に地域の法令等に従い、第三者が測定しています。地下水を利用している拠点では、水質の測定を実施していない場合もあります。

Water discharges – total volumes

(9.2.1) % of sites/facilities/operations

Select from:

☒ 76-99

(9.2.2) Frequency of measurement

Select from:

☒ Yearly

(9.2.3) Method of measurement

取水量から製品で使用した水消費量及び廃棄処理した水の量を差し引いて、求めています。

(9.2.4) Please explain

総排出量は、総取水量と製品で使用した水量及び廃棄処理した水量を差し引いて、年1回算出しています。

Water discharges – volumes by destination

(9.2.1) % of sites/facilities/operations

Select from:

☒ 76-99

(9.2.2) Frequency of measurement

Select from:

☒ Yearly

(9.2.3) Method of measurement

取水量から製品で使用した水消費量及び廃棄処理した水の量を差し引いて、放流先別に求めています。

(9.2.4) Please explain

総排出量は、総取水量と製品で使用した水量及び廃棄処理した水量を差し引いて、年1回算出しています。

Water discharges – volumes by treatment method

(9.2.1) % of sites/facilities/operations

Select from:

☒ 26-50

(9.2.2) Frequency of measurement

Select from:

☒ Yearly

(9.2.3) Method of measurement

日本では、排水先の第三者が法令に定められた方法で排水処理を行っています。

(9.2.4) Please explain

日本国内などでは、法令に定められた排水処理を行っています。割合については、確認が出来ている日本の分を算出しています。

Water discharge quality – by standard effluent parameters

(9.2.1) % of sites/facilities/operations

Select from:

☒ 26-50

(9.2.2) Frequency of measurement

Select from:

☒ Yearly

(9.2.3) Method of measurement

法令に定められた地域の水質調査を行っています。

(9.2.4) Please explain

日本国内などでは、法令に定められた水質調査を行っています。割合については、確認が出来ている日本の分を算出しています。

Water discharge quality – emissions to water (nitrates, phosphates, pesticides, and/or other priority substances)

(9.2.1) % of sites/facilities/operations

Select from:

☒ Not relevant

(9.2.4) Please explain

該当物質は、廃棄物として扱っております。

Water discharge quality – temperature

(9.2.1) % of sites/facilities/operations

Select from:

☒ Not relevant

(9.2.4) Please explain

高温排水は行っておりません。

Water consumption – total volume

(9.2.1) % of sites/facilities/operations

Select from:

☒ 76-99

(9.2.2) Frequency of measurement

Select from:

☒ Yearly

(9.2.3) Method of measurement

製品への消費及び廃棄した水の量を記録しています。

(9.2.4) Please explain

水性塗料など製品に原材料として直接使用する水消費量は、製造台帳に記録し、年間で集計している。廃棄する水の量は、委託先への受け渡し数量を記録しています。

[Fixed row]

(9.2.2) What are the total volumes of water withdrawn, discharged, and consumed across all your operations, how do they compare to the previous reporting year, and how are they forecasted to change?

Total withdrawals

(9.2.2.1) Volume (megaliters/year)

4274.97

(9.2.2.2) Comparison with previous reporting year

Select from:

☒ Lower

(9.2.2.3) Primary reason for comparison with previous reporting year

Select from:

☒ Change in accounting methodology

(9.2.2.4) Five-year forecast

Select from:

☒ Lower

(9.2.2.5) Primary reason for forecast

Select from:

☒ Increase/decrease in efficiency

(9.2.2.6) Please explain

売上の増加に伴い、水の消費量が若干増加する見込みですが、同時にグループ全体で効率的な水利用を推進しています。グローバルでの総取水量の削減に向けて、2030年までに2021年度比で20%の削減を目標として設定しています。

Total discharges

(9.2.2.1) Volume (megaliters/year)

3614.84

(9.2.2.2) Comparison with previous reporting year

Select from:

☒ Lower

(9.2.2.3) Primary reason for comparison with previous reporting year

Select from:

☒ Change in accounting methodology

(9.2.2.4) Five-year forecast

Select from:

☒ Lower

(9.2.2.5) Primary reason for forecast

Select from:

☒ Increase/decrease in efficiency

(9.2.2.6) Please explain

インドで活用されている排水ゼロ工場を水ストレス地域に展開することで、総排水量の削減を推進しています。

Total consumption

(9.2.2.1) Volume (megaliters/year)

644.79

(9.2.2.2) Comparison with previous reporting year

Select from:

☒ Lower

(9.2.2.3) Primary reason for comparison with previous reporting year

Select from:

☒ Change in accounting methodology

(9.2.2.4) Five-year forecast

Select from:

☒ Higher

(9.2.2.5) Primary reason for forecast

Select from:

☒ Increase/decrease in business activity

(9.2.2.6) Please explain

生産量の増加により水消費量の若干の増加を見込んでいます。

[Fixed row]

(9.2.4) Indicate whether water is withdrawn from areas with water stress, provide the volume, how it compares with the previous reporting year, and how it is forecasted to change.

(9.2.4.1) Withdrawals are from areas with water stress

Select from:

☒ Yes

(9.2.4.2) Volume withdrawn from areas with water stress (megaliters)

308

(9.2.4.3) Comparison with previous reporting year

Select from:

☒ Lower

(9.2.4.4) Primary reason for comparison with previous reporting year

Select from:

☒ Facility closure

(9.2.4.5) Five-year forecast

Select from:

☒ Lower

(9.2.4.6) Primary reason for forecast

Select from:

☒ Increase/decrease in efficiency

(9.2.4.7) % of total withdrawals that are withdrawn from areas with water stress

7.20

(9.2.4.8) Identification tool

Select all that apply

☒ WRI Aqueduct

☒ WWF Water Risk Filter

(9.2.4.9) Please explain

当社では **WWF Water Risk Filter**などを参照し、インドの一部、トルコ、南アフリカの地域を水ストレス地域として特定しています。水ストレス地域では、廃水の再利用や雨水の利用等を促進し、水利用の効率、向上を図っています。

[Fixed row]

(9.2.7) Provide total water withdrawal data by source.

Fresh surface water, including rainwater, water from wetlands, rivers, and lakes

(9.2.7.1) Relevance

Select from:

☒ Relevant

(9.2.7.2) Volume (megaliters/year)

22815

(9.2.7.3) Comparison with previous reporting year

Select from:

☒ Higher

(9.2.7.4) Primary reason for comparison with previous reporting year

Select from:

☒ Increase/decrease in business activity

(9.2.7.5) Please explain

本項目の集水された雨水で構成されています。雨水の使用量は、年間の降雨量の影響を受けます。2024 年度は降水量が増加により使用可能な雨水の量が増加しました。

Brackish surface water/Seawater

(9.2.7.1) Relevance

Select from:

☒ Not relevant

(9.2.7.5) Please explain

Groundwater – renewable

(9.2.7.1) Relevance

Select from:

☒ Not relevant

(9.2.7.5) Please explain

Groundwater – non-renewable

(9.2.7.1) Relevance

Select from:

☒ Relevant

(9.2.7.2) Volume (megaliters/year)

842297

(9.2.7.3) Comparison with previous reporting year

Select from:

☒ About the same

(9.2.7.4) Primary reason for comparison with previous reporting year

Select from:

☒ Unknown

(9.2.7.5) Please explain

前年度と比較して変化はありませんでした。

Produced/Entrained water

(9.2.7.1) Relevance

Select from:

☒ Not relevant

(9.2.7.5) Please explain

Third party sources

(9.2.7.1) Relevance

Select from:

☒ Relevant

(9.2.7.2) Volume (megaliters/year)

3410487

(9.2.7.3) Comparison with previous reporting year

Select from:

☒ About the same

(9.2.7.4) Primary reason for comparison with previous reporting year

Select from:

☒ Unknown

(9.2.7.5) Please explain

前年度と比較して変化はありませんでした。

[Fixed row]

(9.2.8) Provide total water discharge data by destination.

Fresh surface water

(9.2.8.1) Relevance

Select from:

☒ Relevant

(9.2.8.2) Volume (megaliters/year)

730.9

(9.2.8.3) Comparison with previous reporting year

Select from:

☒ About the same

(9.2.8.4) Primary reason for comparison with previous reporting year

Select from:

☒ Other, please specify :昨年度と設備的な変化がないため

(9.2.8.5) Please explain

排水している施設に大きな変更が無い為。

Brackish surface water/seawater

(9.2.8.1) Relevance

Select from:

☒ Not relevant

(9.2.8.5) Please explain

Groundwater

(9.2.8.1) Relevance

Select from:

☒ Not relevant

(9.2.8.5) Please explain

Third-party destinations

(9.2.8.1) Relevance

Select from:

☒ Relevant

(9.2.8.2) Volume (megaliters/year)

2883.9

(9.2.8.3) Comparison with previous reporting year

Select from:

☒ Lower

(9.2.8.4) Primary reason for comparison with previous reporting year

Select from:

☒ Increase/decrease in efficiency

(9.2.8.5) Please explain

水の取水量の減少による。

[Fixed row]

(9.2.9) Within your direct operations, indicate the highest level(s) to which you treat your discharge.

Tertiary treatment

(9.2.9.1) Relevance of treatment level to discharge

Select from:

☒ Relevant

(9.2.9.2) Volume (megaliters/year)

715.9

(9.2.9.3) Comparison of treated volume with previous reporting year

Select from:

☒ About the same

(9.2.9.4) Primary reason for comparison with previous reporting year

Select from:

☒ Increase/decrease in efficiency

(9.2.9.5) % of your sites/facilities/operations this volume applies to

Select from:

☒ 1-10

(9.2.9.6) Please explain

日本国内で河川放流している事業所では、三次処理を採用している。割合については、国内の河川放流している拠点数をグローバルの生産拠点数で除して、算出している。その他の廃水は、第3者の受益先にて処理を行っている。

Secondary treatment

(9.2.9.1) Relevance of treatment level to discharge

Select from:

☒ Not relevant

(9.2.9.6) Please explain

Primary treatment only

(9.2.9.1) Relevance of treatment level to discharge

Select from:

☒ Not relevant

(9.2.9.6) Please explain

Discharge to the natural environment without treatment

(9.2.9.1) Relevance of treatment level to discharge

Select from:

☒ Not relevant

(9.2.9.6) Please explain

Discharge to a third party without treatment

(9.2.9.1) Relevance of treatment level to discharge

Select from:

☒ Relevant

(9.2.9.2) Volume (megaliters/year)

2883.9

(9.2.9.3) Comparison of treated volume with previous reporting year

Select from:

☒ Lower

(9.2.9.4) Primary reason for comparison with previous reporting year

Select from:

☒ Increase/decrease in efficiency

(9.2.9.5) % of your sites/facilities/operations this volume applies to

Select from:

☒ 81-90

(9.2.9.6) Please explain

三次処理（高度処理）の上、河川放流している施設以外は、ほぼ第三者に排水をしている。

Other

(9.2.9.1) Relevance of treatment level to discharge

Select from:

☒ Relevant

(9.2.9.2) Volume (megaliters/year)

15.03

(9.2.9.3) Comparison of treated volume with previous reporting year

Select from:

☒ Lower

(9.2.9.4) Primary reason for comparison with previous reporting year

Select from:

☒ Unknown

(9.2.9.5) % of your sites/facilities/operations this volume applies to

Select from:

☒ 1-10

(9.2.9.6) Please explain

海外で河川放流している施設も「三次処理（高度処理）」の上、排水していると思われるが、未確認の為、別枠で報告している。

[Fixed row]

(9.3) In your direct operations and upstream value chain, what is the number of facilities where you have identified substantive water-related dependencies, impacts, risks, and opportunities?

	Identification of facilities in the value chain stage	Please explain
Direct operations	Select from: <input checked="" type="checkbox"/> No, we have not assessed this value chain stage for facilities with water-related dependencies, impacts, risks, and opportunities, but we are planning to do so in the next 2 years	日本国内の製造拠点（関係会社含む）については、水関連の依存、影響、リスク、機会を特定しています。海外拠点については、今後、特定を進めていく予定です。
Upstream value chain	Select from: <input checked="" type="checkbox"/> No, we have not assessed this value chain stage for facilities with water-related dependencies, impacts, risks, and opportunities, but we are planning to do so in the next 2 years	Rich text input [must be under 2000 characters]

[Fixed row]

(9.4) Could any of your facilities reported in 9.3.1 have an impact on a requesting CDP supply chain member?

Select from:

☒ No facilities were reported in 9.3.1

(9.5) Provide a figure for your organization's total water withdrawal efficiency.

	Revenue (currency)	Total water withdrawal efficiency	Anticipated forward trend
	588825000000	137737808.69	当社グループでは、KPI2030 に取水量を 20%削減（2021 年度比）する目標を掲げており、水ストレス地域を優先して、水利用の効率化を推進する事により、数値は減少すると考えられる。

[Fixed row]

(9.6) Do you calculate water intensity for your activities in the chemical sector?

Select from:

☒ Yes

(9.6.1) For your top five products by production weight/volume, provide the following water intensity information associated with your activities in the chemical sector.

Row 1

(9.6.1.1) Product type

Other chemicals

☒ Specialty organic chemicals

(9.6.1.2) Product name

塗料 (単体)

(9.6.1.3) Water intensity value (m3/denominator)

2.71

(9.6.1.4) Numerator: water aspect

Select from:

☒ Total water withdrawals

(9.6.1.5) Denominator

Select from:

☒ Other, please specify :塗料の生産量 (トン)

(9.6.1.6) Comparison with previous reporting year

Select from:

☒ About the same

(9.6.1.7) Please explain

当社グループは、2030年に向けて2021年比で20%の使用量削減に向けて活動を進めております。

Row 2

(9.6.1.1) Product type

Other chemicals

☒ Specialty organic chemicals

(9.6.1.2) Product name

塗料（インド）

(9.6.1.3) Water intensity value (m3/denominator)

0.91

(9.6.1.4) Numerator: water aspect

Select from:

☒ Total water withdrawals

(9.6.1.5) Denominator

Select from:

☒ Other, please specify :塗料の生産量（トン）

(9.6.1.6) Comparison with previous reporting year

Select from:

☒ About the same

(9.6.1.7) Please explain

当社グループは、2030年に向けて2021年比で20%の使用量削減に向けて活動を進めております。

Row 3

(9.6.1.1) Product type

Other chemicals

☒ Specialty organic chemicals

(9.6.1.2) Product name

塗料 (欧州)

(9.6.1.3) Water intensity value (m3/denominator)

9.74

(9.6.1.4) Numerator: water aspect

Select from:

☒ Total water withdrawals

(9.6.1.5) Denominator

Select from:

☒ Other, please specify :塗料の生産量 (トン)

(9.6.1.6) Comparison with previous reporting year

Select from:

☒ About the same

(9.6.1.7) Please explain

当社グループは、2030年に向けて2021年比で20%の使用量削減に向けて活動を進めております。

Row 4

(9.6.1.1) Product type

Other chemicals

☒ Specialty organic chemicals

(9.6.1.2) Product name

塗料（トルコ）

(9.6.1.3) Water intensity value (m3/denominator)

1.16

(9.6.1.4) Numerator: water aspect

Select from:

☒ Total water consumption

(9.6.1.5) Denominator

Select from:

☒ Other, please specify :塗料の生産量（トン）

(9.6.1.6) Comparison with previous reporting year

Select from:

☒ About the same

(9.6.1.7) Please explain

当社グループは、2030年に向けて2021年比で20%の使用量削減に向けて活動を進めております。

Row 5

(9.6.1.1) Product type

Other chemicals

☒ Specialty organic chemicals

(9.6.1.2) Product name

塗料 (南アフリカ)

(9.6.1.3) Water intensity value (m3/denominator)

0.37

(9.6.1.4) Numerator: water aspect

Select from:

☒ Total water consumption

(9.6.1.5) Denominator

Select from:

☒ Other, please specify :塗料の生産量 (トン)

(9.6.1.6) Comparison with previous reporting year

Select from:

☒ Lower

(9.6.1.7) Please explain

当社グループの南アフリカ地域は水ストレス地域に位置し、水資源の効果的な活用に取り組んできました。南アフリカ地域の取水量原単位はグループトータル平均の2.86に対して、0.37と低く効果的な利用がここでも実証されています。この取水量原単位の減少は設備導入による製造工程における水使用量の削減活動、雨水の活用促進などの効率的な水利用に関する取り組みによるものです。

[Add row]

(9.13) Do any of your products contain substances classified as hazardous by a regulatory authority?

	Products contain hazardous substances
	Select from: <input checked="" type="checkbox"/> Yes

[Fixed row]

(9.13.1) What percentage of your company's revenue is associated with products containing substances classified as hazardous by a regulatory authority?

Row 1

(9.13.1.1) Regulatory classification of hazardous substances

Select from:

☒ Water Pollution Prevention Act (Japan Regulation)

(9.13.1.2) % of revenue associated with products containing substances in this list

Select from:

☒ Less than 10%

(9.13.1.3) Please explain

該当物質の6価クロムは塗料中の0.0028%含有され、今後も引き続き更なる削減を目指します。

Row 2

(9.13.1.1) Regulatory classification of hazardous substances

Select from:

☒ Other, please specify : トルエン (T) ・キシレン (X) 、エチルベンゼン (EB) を含む製品

(9.13.1.2) % of revenue associated with products containing substances in this list

Select from:

☒ 41-60

(9.13.1.3) Please explain

大気汚染防止法の有害大気汚染物質（優先取組物質）であり、2021年度の実績は21400tで、2015年度の実績を下回りました。今後は、更なる削減を目指します。

Row 3

(9.13.1.1) Regulatory classification of hazardous substances

Select from:

☒ Annex XVII of EU REACH Regulation

(9.13.1.2) % of revenue associated with products containing substances in this list

Select from:

☒ Less than 10%

(9.13.1.3) Please explain

アルキルフェノールエトキシレートは、界面活性剤で、ノニルフェノールエーテル類は、その1種類です。これらの原料であるノニルフェノールは、EPA（環境保護庁）やREACHにより規制されていることから、当社グループでは、ノニルフェノールエーテル類の段階的な廃止を進めています。

[Add row]

(9.14) Do you classify any of your current products and/or services as low water impact?

	Products and/or services classified as low water impact	Definition used to classify low water impact	Please explain
	Select from: <input checked="" type="checkbox"/> Yes	塗料製品は、水性/溶剤/粉体塗料に区分され、その内、溶剤及び粉体塗料は、低水影響と分類する。	水性塗料は、原材料として水を消費すると共に、設備洗浄に多量の水を使用する為、水影響が大きい。溶剤/粉体塗料は、原材料として水を消費せず、洗浄工程でも水を使用しない為、水影響は少ない。

[Fixed row]

(9.15) Do you have any water-related targets?

Select from:

☒ Yes

(9.15.1) Indicate whether you have targets relating to water pollution, water withdrawals, WASH, or other water-related categories.

	Target set in this category	Please explain
Water pollution	Select from: <input checked="" type="checkbox"/> Yes	Rich text input [must be under 1000 characters]
Water withdrawals	Select from: <input checked="" type="checkbox"/> Yes	Rich text input [must be under 1000 characters]
Water, Sanitation, and Hygiene (WASH) services	Select from: <input checked="" type="checkbox"/> No, but we plan to within the next two years	日本に関しては、衛生管理は十分であるが、海外については、衛生管理が行き届いていない地域もあるため、今後、目標設定し、活動していく予定です。
Other	Select from: <input checked="" type="checkbox"/> No, and we do not plan to within the next two years	その他の対象項目は有りません。

[Fixed row]

(9.15.2) Provide details of your water-related targets and the progress made.

Row 1

(9.15.2.1) Target reference number

Select from:

☒ Target 1

(9.15.2.2) Target coverage

Select from:

☒ Organization-wide (direct operations only)

(9.15.2.3) Category of target & Quantitative metric

Water withdrawals

☒ Reduction in total water withdrawals

(9.15.2.4) Date target was set

07/25/2023

(9.15.2.5) End date of base year

03/30/2022

(9.15.2.6) Base year figure

4469

(9.15.2.7) End date of target year

03/30/2031

(9.15.2.8) Target year figure

3575

(9.15.2.9) Reporting year figure

4275

(9.15.2.10) Target status in reporting year

Select from:

☒ Underway

(9.15.2.11) % of target achieved relative to base year

(9.15.2.12) Global environmental treaties/initiatives/ frameworks aligned with or supported by this target

Select all that apply

☒ Sustainable Development Goal 6

(9.15.2.13) Explain target coverage and identify any exclusions

目標の範囲は、グローバルで、除外事項は有りません。

(9.15.2.14) Plan for achieving target, and progress made to the end of the reporting year

KPI2030 を作成した。今後、具体的な活動計画を作成予定である。

(9.15.2.16) Further details of target

[Add row]

C10. Environmental performance - Plastics

(10.1) Do you have plastics-related targets, and if so what type?

(10.1.1) Targets in place

Select from:

☒ No, but we plan to within the next two years

(10.1.3) Please explain

当社が展開する塗料ビジネスにおいては、容器や梱包に利用するプラスチック製品、及び、顧客が当社製品である塗料を加工することで形成されるコーティング剤がプラスチックとして環境に及ぼす様々な影響を考慮する必要があると考えています。コーティングについては、基本的に被塗物製品として扱われ、当社が直接管理する事は困難です。顧客と協業の中で、その対応について議論を行っています。当社における優先課題は容器や梱包として使用するプラスチック製品であり、その原料等について具体的な活動計画を検討しています。当社は、KPI2030において、2021年度比で2030年までに廃棄物量を30%削減する目標があり、廃棄物の中に廃プラスチックが含まれております。また、リサイクル容器の使用率を60%以上とする目標もあり、これはプラスチック容器の廃棄量を削減する事に繋がります。

[Fixed row]

(10.2) Indicate whether your organization engages in the following activities.

Production/commercialization of plastic polymers (including plastic converters)

(10.2.1) Activity applies

Select from:

☒ Yes

(10.2.2) Comment

塗料を硬化、乾燥させる事で出来るコーティングは、プラスチックに位置付けられる事から当社が製造する塗料そのものはプラスチックポリマーの一種として広義に当てはまると考えます。

Production/commercialization of durable plastic goods and/or components (including mixed materials)

(10.2.1) Activity applies

Select from:

☒ No

(10.2.2) Comment

当社の事業に該当しません

Usage of durable plastics goods and/or components (including mixed materials)

(10.2.1) Activity applies

Select from:

☒ No

(10.2.2) Comment

当社の事業に該当しません

Production/commercialization of plastic packaging

(10.2.1) Activity applies

Select from:

☒ No

(10.2.2) Comment

当社の事業に該当しません

Production/commercialization of goods/products packaged in plastics

(10.2.1) Activity applies

Select from:

☒ Yes

(10.2.2) Comment

塗料製品の容器、及び梱包にプラスチックを利用する場合がある。

Provision/commercialization of services that use plastic packaging (e.g., food services)

(10.2.1) Activity applies

Select from:

☒ No

(10.2.2) Comment

当社の事業に該当しません

Provision of waste management and/or water management services

(10.2.1) Activity applies

Select from:

☒ No

(10.2.2) Comment

当社の事業に該当しません

Provision of financial products and/or services for plastics-related activities

(10.2.1) Activity applies

Select from:

☒ No

(10.2.2) Comment

当社の事業に該当しません

Other activities not specified

(10.2.1) Activity applies

Select from:

☒ No

(10.2.2) Comment

当社の事業に該当しません

[Fixed row]

(10.3) Provide the total weight of plastic polymers sold and indicate the raw material content.

(10.3.1) Total weight of plastic polymers sold during the reporting year (Metric tons)

1612188

(10.3.2) Raw material content percentages available to report

Select all that apply

☒ % virgin fossil-based content

(10.3.3) % virgin fossil-based content

40

(10.3.7) Please explain

塗料製品は、顔料、樹脂、助剤、溶媒で構成され、その内、樹脂と助剤がプラスチックポリマーに該当すると考えます。

[Fixed row]

(10.5) Provide the total weight of plastic packaging sold and/or used and indicate the raw material content.

	Total weight during the reporting year (Metric tons)	Raw material content percentages available to report	Please explain
Plastic packaging used	0	Select all that apply <input checked="" type="checkbox"/> None	プラスチック容器利用については、KPI2030 の1つとしてリサイクル可能容器使用率を目標に掲げているが、重量換算では無く、金額換算の指標となっている為、重量に関する回答は出来ません。

[Fixed row]

(10.5.1) Indicate the circularity potential of the plastic packaging you sold and/or used.

	Percentages available to report for circularity potential	Please explain
Plastic packaging used	Select all that apply <input checked="" type="checkbox"/> None	各国のプラスチック容器の循環性について数値化出来ていない為、回答できません。

[Fixed row]

C11. Environmental performance - Biodiversity

(11.2) What actions has your organization taken in the reporting year to progress your biodiversity-related commitments?

	Actions taken in the reporting period to progress your biodiversity-related commitments
	Select from: <input checked="" type="checkbox"/> No, we are not taking any actions to progress our biodiversity-related commitments, but we plan to within the next two years

[Fixed row]

(11.3) Does your organization use biodiversity indicators to monitor performance across its activities?

	Does your organization use indicators to monitor biodiversity performance?
	Select from: <input checked="" type="checkbox"/> No, we do not use indicators, but plan to within the next two years

[Fixed row]

(11.4) Does your organization have activities located in or near to areas important for biodiversity in the reporting year?

	Indicate whether any of your organization's activities are located in or near to this type of area important for biodiversity	Comment
Legally protected areas	Select from: <input checked="" type="checkbox"/> No	該当しません
UNESCO World Heritage sites	Select from: <input checked="" type="checkbox"/> No	該当しません
UNESCO Man and the Biosphere Reserves	Select from: <input checked="" type="checkbox"/> No	該当しません
Ramsar sites	Select from: <input checked="" type="checkbox"/> No	該当しません
Key Biodiversity Areas	Select from: <input checked="" type="checkbox"/> No	該当しません
Other areas important for biodiversity	Select from: <input checked="" type="checkbox"/> No	該当しません

[Fixed row]

C13. Further information & sign off

(13.1) Indicate if any environmental information included in your CDP response (not already reported in 7.9.1/2/3, 8.9.1/2/3/4, and 9.3.2) is verified and/or assured by a third party?

	Other environmental information included in your CDP response is verified and/or assured by a third party	Primary reason why other environmental information included in your CDP response is not verified and/or assured by a third party	Explain why other environmental information included in your CDP response is not verified and/or assured by a third party
	<p>Select from:</p> <p><input checked="" type="checkbox"/> No, but we plan to obtain third-party verification/assurance of other environmental information in our CDP response within the next two years</p>	<p>Select from:</p> <p><input checked="" type="checkbox"/> Lack of internal resources, capabilities, or expertise (e.g., due to organization size)</p>	<p>当社では環境情報の定義のグローバルでの統一化を進めている途中であり、第三者保証を受ける段階では無かった。但し、FY 23の環境情報収集において定義のグローバルでの統一化がほぼ完了し、今後のCSR・SSBJといった開示要求制度に対応すべく第三者保証の準備を進めている。</p>

[Fixed row]

(13.3) Provide the following information for the person that has signed off (approved) your CDP response.

(13.3.1) Job title

取締役常務執行役員

(13.3.2) Corresponding job category

Select from:

☒ Director on board

[Fixed row]

(13.4) Please indicate your consent for CDP to share contact details with the Pacific Institute to support content for its Water Action Hub website.

Select from:

☒ Yes, CDP may share our Disclosure Submission Lead contact details with the Pacific Institute

