

W0. Introduction

W0.1

(W0.1) Give a general description of and introduction to your organization.

当社グループは、自動車用の手動変速装置関連事業および自動変速装置関連事業の製造販売を主な事業内容とし、さらにそれらの事業に係る各種サービス活動を展開しております。

W0.2

(W0.2) State the start and end date of the year for which you are reporting data.

	Start date	End date
Reporting year	April 1 2018	March 31 2019

W0.3

(W0.3) Select the countries/regions for which you will be supplying data.

- China
- Hungary
- India
- Indonesia
- Japan
- Malaysia
- Mexico
- Thailand
- United States of America
- Viet Nam

W0.4

(W0.4) Select the currency used for all financial information disclosed throughout your response.

JPY

W0.5

(W0.5) Select the option that best describes the reporting boundary for companies, entities, or groups for which water impacts on your business are being reported.

Companies, entities or groups over which financial control is exercised

W0.6

(W0.6) Within this boundary, are there any geographies, facilities, water aspects, or other exclusions from your disclosure?

Yes

W0.6a

(W0.6a) Please report the exclusions.

Exclusion	Please explain
日本国外の営業所	全水使用量に対して、見積もられる使用量が少ないため

W1. Current state

W1.1

(W1.1) Rate the importance (current and future) of water quality and water quantity to the success of your business.

	Direct use importance rating	Indirect use importance rating	Please explain
Sufficient amounts of good quality freshwater available for use	Vital	Vital	< 直接利用 > 生産用途として当社グループの中には製紙工程があり、大量の工業用水（川から取水）を必要としている。その他の拠点では、生産設備の冷却や洗浄工程で工業用水を利用している。非生産用途として従業員向けの食堂や手洗い等に使用しており、従業員の作業環境の確保のためにも必須である < 間接利用 > 当社製品は金属製品の加工のため、原材料/部品の生産に於いて冷却/洗浄に使用されている。
Sufficient amounts of recycled, brackish and/or produced water available for use	Not very important	Not very important	< 直接利用 > トイレや植木の散水、屋根の冷却に雨水を利用している。コスト増にはなるが、量が比較すると少ないため、淡水で補うことも可能である 製紙工場では水をリサイクルしているが、環境負荷低減と取水に問題が生じた際の BCM対応のためである。 < 間接利用 > 直接利用と同様

W1.2

(W1.2) Across all your operations, what proportion of the following water aspects are regularly measured and monitored?

	% of sites/facilities/operations	Please explain
Water withdrawals – total volumes	76-99	すべての生産工場で確認している
Water withdrawals – volumes from water stressed areas	76-99	すべての生産工場で取水量を確認している 多くの生産工場は水ストレス地域である。WRI Aqueduct のBaseline Water Stressにて、3 . Mium um to high以上の評価の拠点は 18/28
Water withdrawals – volumes by source	76-99	上水（市水）、工業用水(川)、地下水単位で取水を確認している。
Entrained water associated with your metals & mining sector activities - total volumes [only metals and mining sectors]	<Not Applicable>	<Not Applicable>
Produced water associated with your oil & gas sector activities - total volumes [only oil and gas sector]	<Not Applicable>	<Not Applicable>
Water withdrawals quality	76-99	製紙工程、洗浄工程では水の質が重要になる。
Water discharges – total volumes	76-99	すべての生産工場で確認している 製品に水が含まれることがないため、・クーリングタワーなど一部の蒸発する量・植木等への散水量・廃液として産業廃棄物として処理する量を 総取水量から除いたものとする。
Water discharges – volumes by destination	76-99	すべての生産工場で確認している
Water discharges – volumes by treatment method	76-99	すべての生産工場で確認している
Water discharge quality – by standard effluent parameters	76-99	すべての生産工場で確認している
Water discharge quality – temperature	76-99	すべての生産工場で確認している 基本的な測定項目の一つである
Water consumption – total volume	1-25	製品に水が含まれることがないため、・クーリングタワーなど一部の蒸発する量・植木等への散水量・廃液として産業廃棄物として処理する量
Water recycled/reused	1-25	製紙工場でBCMの一環としてリサイクルを実施
The provision of fully-functioning, safely managed WASH services to all workers	100%	すべての拠点で安全で管理された飲み水とトイレを提供している

W1.2b

(W1.2b) What are the total volumes of water withdrawn, discharged, and consumed across all your operations, and how do these volumes compare to the previous reporting year?

	Volume (megaliters/year)	Comparison with previous reporting year	Please explain
Total withdrawals	2175.24	Lower	前年度比 -7.02%
Total discharges	2141.86	Lower	前年度比 -8.48%
Total consumption	33.38	This is our first year of measurement	前年度までは消費の定義を"使用"としていたため、使用して、汚れた状態で排水される水をカウントしていた。今年度は事業者内で使用し、外に排出されない水と定義する

W1.2d

(W1.2d) Provide the proportion of your total withdrawals sourced from water stressed areas.

	% withdrawn from stressed areas	Comparison with previous reporting year	Identification tool	Please explain
Row 1	33.33	Lower	WRI Aqueduct	WRI Aqueduct のBaseline Water Stressにて、3 . Mium um to high以上の評価の拠点

W1.2h

(W1.2h) Provide total water withdrawal data by source.

	Relevance	Volume (megaliters/year)	Comparison with previous reporting year	Please explain
Fresh surface water, including rainwater, water from wetlands, rivers, and lakes	Relevant	981.35	Higher	前年度比+18.2% 川の水を製紙工程に使用している
Brackish surface water/Seawater	Not relevant	<Not Applicable>	<Not Applicable>	
Groundwater – renewable	Relevant	198.43	Lower	前年度比-23.6% 日本国内では洗浄工程に、インド、メキシコの拠点では全用途で使用されている
Groundwater – non-renewable	Not relevant	<Not Applicable>	<Not Applicable>	使用していない
Produced/Entrained water	Not relevant	<Not Applicable>	<Not Applicable>	使用していない
Third party sources	Relevant	995.45	This is our first year of measurement	市水（上水、工業用水）ほぼすべての事業所で生産および従業員の衛生（手洗い等）で使用

W1.2i

(W1.2i) Provide total water discharge data by destination.

	Relevance	Volume (megaliters/year)	Comparison with previous reporting year	Please explain
Fresh surface water	Relevant	1198.23	About the same	主に日本国内の拠点より排出
Brackish surface water/seawater	Not relevant	<Not Applicable>	<Not Applicable>	使用していない
Groundwater	Relevant	170.85	Much higher	インド 排水処理後の水を植物へ散布
Third-party destinations	Relevant	772.78	Lower	下水道放流

W1.2j

(W1.2j) What proportion of your total water use do you recycle or reuse?

	% recycled and reused	Comparison with previous reporting year	Please explain
Row 1	1-10	About the same	製紙工場に水のリサイクルシステムを導入し、2018年01月より稼働している。同工場の30%の使用量。グループ全体の約11%に当たる水使用量がリサイクル可能になる

W1.4

(W1.4) Do you engage with your value chain on water-related issues?

Yes, our customers or other value chain partners

W1.4c

(W1.4c) What is your organization's rationale and strategy for prioritizing engagements with customers or other partners in its value chain?

グリーン調達ガイドラインでは、事業活動における環境法令の順守や水を含む省資源対策が求められており、

当社のサプライヤーへの同等の要請と教育が求められている。

当社でもグリーン調達説明会を開催し、サプライヤーへの依頼や法順守、省資源活動の情報提供を通じて

削減に取り組んでいる

W2. Business impacts

W2.1

(W2.1) Has your organization experienced any detrimental water-related impacts?

Yes

W2.1a

(W2.1a) Describe the water-related detrimental impacts experienced by your organization, your response, and total financial impact.

Country/Region

Japan

River basin

Yodo

Type of impact driver

Physical

Primary impact driver

Flooding

Primary impact

Reduction or disruption in production capacity

Description of impact

2012年8月に集中豪雨により、本社工場全域に浸水し次のような影響があった・工場内の排水実施・排水完了までの一時的な操業停止・生産設備、製品への影響

Primary response

Develop flood emergency plans

Total financial impact

44598000

Description of response

恒久的な対応として、① 浸水対策品ウォーターゲート設置 ② 排水管の洗浄作業実施 ③ 敷地外部からの水流入対策

W2.2

(W2.2) In the reporting year, was your organization subject to any fines, enforcement orders, and/or other penalties for water-related regulatory violations?

No

W3. Procedures

W3.3

(W3.3) Does your organization undertake a water-related risk assessment?

Yes, water-related risks are assessed

W3.3a

(W3.3a) Select the options that best describe your procedures for identifying and assessing water-related risks.

Direct operations

Coverage

Full

Risk assessment procedure

Water risks are assessed in an environmental risk assessment

Frequency of assessment

Annually

How far into the future are risks considered?

Up to 1 year

Type of tools and methods used

Tools on the market

International methodologies

Tools and methods used

WRI Aqueduct

Comment

Supply chain

Coverage

None

Risk assessment procedure

<Not Applicable>

Frequency of assessment

<Not Applicable>

How far into the future are risks considered?

<Not Applicable>

Type of tools and methods used

<Not Applicable>

Tools and methods used

<Not Applicable>

Comment

Other stages of the value chain

Coverage

None

Risk assessment procedure

<Not Applicable>

Frequency of assessment

<Not Applicable>

How far into the future are risks considered?

<Not Applicable>

Type of tools and methods used

<Not Applicable>

Tools and methods used

<Not Applicable>

Comment

W3.3b

(W3.3b) Which of the following contextual issues are considered in your organization's water-related risk assessments?

	Relevance & inclusion	Please explain
Water availability at a basin/catchment level	Relevant, always included	当社グループでは、1拠点で水を用いて製紙を行っており一定の水量確保は必須である。また、数拠点上水道がなく、地下水をくみ上げて生産だけでなく生活用水とする拠点もある。
Water quality at a basin/catchment level	Relevant, always included	主だった拠点は上水道もしくは工業用水を利用しているが、一部の拠点では生産に大量の水を要する拠点、上水道の内拠点が有り、取水した水を浄化装置を用いpHや懸濁具合等を調整している。
Stakeholder conflicts concerning water resources at a basin/catchment level	Relevant, always included	一部の拠点では・地下水を生活用水として利用する場合、・排水を排出する河川に漁業権がある場合など水の質の維持により注意を払わなければならないエリアがある。持続的な操業を行うためにも地域住民との関係は必ず評価している。(現時点で特記すべきに対立はなし)
Implications of water on your key commodities/raw materials	Relevant, sometimes included	当社の製品は鉄製品であり、主な工程はその加工と組み立てである。一部の水を使う拠点は、個別に評価している。当社グループではないが、原材料の製鉄に於いては冷却に非常に多くの水を使用しているが、再利用が進んでいる
Water-related regulatory frameworks	Relevant, always included	国、地域、工業団地、地域住民との協定など、常に最新の情報を管理している
Status of ecosystems and habitats	Relevant, always included	主だった拠点での製造工の排水は原則産業廃棄物もしくは排水処理を通して下水道に放流しているが、一部の拠点では河川に放流している。漁業権のある河川や、ラムサール条約にてほごされている湿原近隣にあるため、近隣の状態の把握と排水管理・緊急事故の未然防止に力を入れている
Access to fully-functioning, safely managed WASH services for all employees	Relevant, always included	水の質及び量の確保でハイリスクな拠点としてインドの拠点があげられるが、敷地内に水飲み場を設置し、敷地内に浄化設備を導入することで、食堂、水洗のトイレを設置し、全従業員が適切に管理された衛生施設を利用できることを担保している
Other contextual issues, please specify	Not considered	

W3.3c

(W3.3c) Which of the following stakeholders are considered in your organization's water-related risk assessments?

	Relevance & inclusion	Please explain
Customers	Relevant, always included	・グリーン調達による省資源の要求あり。・顧客のサプライチェーンに水害が生じる事で受注量が影響される
Employees	Relevant, always included	・水害の際は通勤が困難になる・緊急時の生活用水の備蓄が必要
Investors	Relevant, sometimes included	CDPを含め、投資家による質問状を受けている
Local communities	Relevant, always included	・近隣に漁業権を持つ河川がある・地下水を生活用水に使用する地域が近隣にある
NGOs	Relevant, sometimes included	・生物多様性保護の活動として、拠点を有する近隣の河川美化活動、保護活動にNGOと共に活動を行っている
Other water users at a basin/catchment level	Not relevant, explanation provided	当社の製品は鉄製品の加工、組み立てであり、他の水利用者を脅かすような大量の取水、大量の排水・有害な排水等はなく、該当する事例がないため
Regulators	Relevant, always included	排水基準の順守のため(下水、雨水、河川放流、地下水)
River basin management authorities	Relevant, always included	排水基準の順守のため(雨水、河川放流)
Statutory special interest groups at a local level	Relevant, always included	一部の拠点で地下水を利用し、上水と比較し、安価な水を共有する会社を利用している
Suppliers	Relevant, always included	・グリーン調達を通じて水の省資源、排水の法規制順守を依頼している。・水害等によるサプライチェーンの停止リスクがある
Water utilities at a local level	Relevant, always included	一部の拠点では工業用水の使用量を極端に変更する際は事前に調整が必要な拠点がある
Other stakeholder, please specify	Not considered	

W3.3d

(W3.3d) Describe your organization's process for identifying, assessing, and responding to water-related risks within your direct operations and other stages of your value chain.

取引を行う際に、環境全般のアンケートを調達部門にて実施している。

一定の基準に満たない企業については直接訪問し、リスクの有無を検討している

W4. Risks and opportunities

W4.1

(W4.1) Have you identified any inherent water-related risks with the potential to have a substantive financial or strategic impact on your business?

Yes, only within our direct operations

W4.1a

(W4.1a) How does your organization define substantive financial or strategic impact on your business?

操業停止となるものと定義する

- ・洪水等による生産設備の損傷
- ・洪水等により操業停止となる
- ・顧客のサプライチェーン障害による受注の減少
- ・サプライチェーン障害による部品供給停止
- ・排水基準超過による当局による操業停止命令
- ・取水設備の故障等により操業に必要な十分な水が確保できない

W4.1b

(W4.1b) What is the total number of facilities exposed to water risks with the potential to have a substantive financial or strategic impact on your business, and what proportion of your company-wide facilities does this represent?

	Total number of facilities exposed to water risk	% company-wide facilities this represents	Comment
Row 1	7	26-50	

W4.1c

(W4.1c) By river basin, what is the number and proportion of facilities exposed to water risks that could have a substantive impact on your business, and what is the potential business impact associated with those facilities?

Country/Region

Japan

River basin

Other, please specify (Abira River)

Number of facilities exposed to water risk

1

% company-wide facilities this represents

1-25

Production value for the metals & mining activities associated with these facilities

<Not Applicable>

% company's annual electricity generation that could be affected by these facilities

<Not Applicable>

% company's global oil & gas production volume that could be affected by these facilities

<Not Applicable>

% company's total global revenue that could be affected

1-25

Comment

該当拠点は水の豊富で大量の川を安価で取水できるエリアである。単位時間当たりの取水量が大きいため、取水が停止すると上水で補うことはできず 操業が止まるリスクがある。(過去川の取水システムのトラブルで事例があったが設備更新後 直近20年程度で実例無し) 現在リスク対応としてリサイクルシステムを2018年1月から稼働させ、約30%の水を再利用している。

Country/Region

Japan

River basin

Yodo

Number of facilities exposed to water risk

2

% company-wide facilities this represents

1-25

Production value for the metals & mining activities associated with these facilities

<Not Applicable>

% company's annual electricity generation that could be affected by these facilities

<Not Applicable>

% company's global oil & gas production volume that could be affected by these facilities

<Not Applicable>

% company's total global revenue that could be affected

1-25

Comment

淀川およびその支流の洪水による浸水

Country/Region

Thailand

River basin

Other, please specify (Bang Pakong)

Number of facilities exposed to water risk

2

% company-wide facilities this represents

1-25

Production value for the metals & mining activities associated with these facilities

<Not Applicable>

% company's annual electricity generation that could be affected by these facilities

<Not Applicable>

% company's global oil & gas production volume that could be affected by these facilities

<Not Applicable>

% company's total global revenue that could be affected

1-25

Comment

チョンブリー地域の洪水による浸水

(W4.2) Provide details of identified risks in your direct operations with the potential to have a substantive financial or strategic impact on your business, and your response to those risks.

Country/Region

Japan

River basin

Other, please specify (Abira River)

Type of risk

Physical

Primary risk driver

Inadequate infrastructure

Primary potential impact

Reduction or disruption in production capacity

Company-specific description

該当拠点は水の豊富で大量の川を安価で取水できるエリアである。単位時間当たりの取水量が大きいため、取水が停止すると上水で補うことはできず 操業が止まるリスクがある。(過去川の取水システムのトラブルで事例があったが設備更新後 直近20年程度で事例無し)

Timeframe

Unknown

Magnitude of potential impact

High

Likelihood

Exceptionally unlikely

Are you able to provide a potential financial impact figure?

No, we do not have this figure

Potential financial impact figure (currency)

<Not Applicable>

Potential financial impact figure - minimum (currency)

<Not Applicable>

Potential financial impact figure - maximum (currency)

<Not Applicable>

Explanation of financial impact

設置し20年で停止した事例がないこと、2~3日の在庫を準備していることから、万が一水の共有が停止してもこの期間に復旧すれば工程に影響を及ぼさないことからゼロとする

Primary response to risk

Adopt water efficiency, water re-use, recycling and conservation practices (リサイクルシステムの導入)

Description of response

現在リスク対応としてリサイクルシステムを2018年1月から稼働させ、約30%の水を再利用している。

Cost of response

23000000

Explanation of cost of response

設備投資額 約20百万円、運用費用額 3百万円/年

Country/Region

Japan

River basin

Yodo

Type of risk

Physical

Primary risk driver

Flooding

Primary potential impact

Reduction or disruption in production capacity

Company-specific description

生産拠点Aは日本を代表する流域面積(全面積の3%)、流域人口(全国7位)をもつ一級河川の本流の中流域に位置している。河川整備計画によると人口の集中する下流の治水安全度を確保するために、上中流が氾濫していることが前提となっており、氾濫のおきる確率規模は20年に1度となっている。(戦後最大の洪水 昭和28年台風13号想定) さらに当該拠点は本流と支流に囲まれた中洲に位置しており、巨大豪雨等で河川が氾濫した場合には支流の樋門を閉じること、上流でのダムでの放流の可能性があるので知られている。(決壊を防ぐため、行政による排水ポンプ車で樋門越しに排水を本流に逃がす仕組みあり)

Timeframe

4 - 6 years

Magnitude of potential impact

High

Likelihood

Virtually certain

Are you able to provide a potential financial impact figure?

Yes, a single figure estimate

Potential financial impact figure (currency)

412398904.1

Potential financial impact figure - minimum (currency)

<Not Applicable>

Potential financial impact figure - maximum (currency)

<Not Applicable>

Explanation of financial impact

影響として、生産拠点の復興にかかる費用と、部品の共有がとまることにより、当社の生産がとまることの二つが上げられる。生産拠点の復興にかかる費用について情報公開ができないため、ここでは一部の部品調達がとまることにより当社の生産全体がとまる費用として算出する。2018年度単体売上(1254.38億)×当該拠点の製品分野売上(24%)×操業停止期間BCP目標5日(5/365)

Primary response to risk

Amend the Business Continuity Plan

Description of response

このリスクに対応するためには、リスクの移転として、“生産拠点移転”を計画し、次年度移転予定

Cost of response

13590

Explanation of cost of response

このリスクに対応するためには、リスクの移転として、“生産拠点移転”を進めている。リスクそのものの管理としては、緊急事態の対応訓練として、土嚢等の設置訓練を実施している。生産拠点移転については情報開示ができないため、管理費用は該当生産拠点の一年間の緊急訓練に係わる人件費で算出。2年に一回、30分、全従業員

Country/Region

Thailand

River basin

Other, please specify (Bang Pakong)

Type of risk

Physical

Primary risk driver

Flooding

Primary potential impact

Supply chain disruption

Company-specific description

チョンブリー地域の洪水による浸水

Timeframe

Unknown

Magnitude of potential impact

Medium-high

Likelihood

More likely than not

Are you able to provide a potential financial impact figure?

Yes, a single figure estimate

Potential financial impact figure (currency)

334956824

Potential financial impact figure - minimum (currency)

<Not Applicable>

Potential financial impact figure - maximum (currency)

<Not Applicable>

Explanation of financial impact

・工場浸水による生産停止の可能性ある。・顧客もしくは当社のサプライチェーンの分断により生産停止を余儀なくされる可能性がある 被害金額は1週間の操業停止として算出

Primary response to risk

Infrastructure maintenance

Description of response

・生産拠点分散(中国、インドなど)・浸水対策として、緊急対策計画、訓練の他に、次のインフラ整備を行っている・止水壁の設置・工場周辺に溝を掘り、排水ポンプを設置・生産棟の高上げを行い、生産設備を2F以上に設置

Cost of response

1812000

Explanation of cost of response

費用は一年間の緊急訓練に係わる人件費で算出

(W4.2c) Why does your organization not consider itself exposed to water risks in its value chain (beyond direct operations) with the potential to have a substantive financial or strategic impact?

	Primary reason	Please explain
Row 1	Evaluation in progress	調達時やBCMで地域のことなる複数のサプライヤーから調達を行うことにしている。また自動車業界は部品数が多いため、自社のサプライチェーンを確保しても、顧客のサプライチェーンが破綻することで需要がなくなるケースが実際に生じたこともある。自社サプライチェーン破綻時の評価はしているものの、昨年度の西日本豪雨など顧客のサプライチェーンを巻き込んだリスク評価法を検討している

W4.3

(W4.3) Have you identified any water-related opportunities with the potential to have a substantive financial or strategic impact on your business?

Yes, we have identified opportunities, and some/all are being realized

W4.3a

(W4.3a) Provide details of opportunities currently being realized that could have a substantive financial or strategic impact on your business.

Type of opportunity

Markets

Primary water-related opportunity

Improved community relations

Company-specific description & strategy to realize opportunity

当社の本社のある寝屋川市は、市の名前に「川」がつく市であり、以前は汚いどぶ川で有名であったこの川の美化に市をあげて取組んでいる。また、寝屋川市にも企業はたくさんあるものの、本社を寝屋川市に置き、税収の上位の企業となっている。会社方針「よき企業市民」を元に、川をキーワードとした保全活動、清掃活動への従業員の参加および金銭的なサポートを通じて、地域社会の評価を高め、企業価値の向上につとめている

Estimated timeframe for realization

>6 years

Magnitude of potential financial impact

Low

Are you able to provide a potential financial impact figure?

No, we do not have this figure

Potential financial impact figure (currency)

<Not Applicable>

Potential financial impact figure – minimum (currency)

<Not Applicable>

Potential financial impact figure – maximum (currency)

<Not Applicable>

Explanation of financial impact

W5. Facility-level water accounting

W5.1

(W5.1) For each facility referenced in W4.1c, provide coordinates, total water accounting data and comparisons with the previous reporting year.

Facility reference number

Facility 1

Facility name (optional)

DNX-T

Country/Region

Japan

River basin

Other, please specify (Abira River)

Latitude

42.680448

Longitude

141.740104

Primary power generation source for your electricity generation at this facility

<Not Applicable>

Oil & gas sector business division

<Not Applicable>

Total water withdrawals at this facility (megaliters/year)

1030.99

Comparison of withdrawals with previous reporting year

Higher

Total water discharges at this facility (megaliters/year)

1030.99

Comparison of discharges with previous reporting year

Lower

Total water consumption at this facility (megaliters/year)

0

Comparison of consumption with previous reporting year

About the same

Please explain

洗浄に水を用いるが、ほぼ等量を排出しているため、消費はゼロと考える

Facility reference number

Facility 2

Facility name (optional)

EXD-M

Country/Region

Japan

River basin

Yodo

Latitude

34.753941

Longitude

135.623821

Primary power generation source for your electricity generation at this facility

<Not Applicable>

Oil & gas sector business division

<Not Applicable>

Total water withdrawals at this facility (megaliters/year)

59.73

Comparison of withdrawals with previous reporting year

About the same

Total water discharges at this facility (megaliters/year)

59.73

Comparison of discharges with previous reporting year

About the same

Total water consumption at this facility (megaliters/year)

0

Comparison of consumption with previous reporting year

About the same

Please explain

生産工程と生活用水に使用。

Facility reference number

Facility 3

Facility name (optional)

EXK

Country/Region

Japan

River basin

Yodo

Latitude

34.737145

Longitude

135.82006

Primary power generation source for your electricity generation at this facility

<Not Applicable>

Oil & gas sector business division

<Not Applicable>

Total water withdrawals at this facility (megaliters/year)

2.45

Comparison of withdrawals with previous reporting year

About the same

Total water discharges at this facility (megaliters/year)

2.45

Comparison of discharges with previous reporting year

About the same

Total water consumption at this facility (megaliters/year)

0

Comparison of consumption with previous reporting year

About the same

Please explain

生活用水に使用。

Facility reference number

Facility 4

Facility name (optional)

EFM

Country/Region

Thailand

River basin

Other, please specify (Bang Pakong)

Latitude

13.428201

Longitude

101.030467

Primary power generation source for your electricity generation at this facility

<Not Applicable>

Oil & gas sector business division

<Not Applicable>

Total water withdrawals at this facility (megaliters/year)

45.53

Comparison of withdrawals with previous reporting year

About the same

Total water discharges at this facility (megaliters/year)

45.53

Comparison of discharges with previous reporting year

About the same

Total water consumption at this facility (megaliters/year)

0

Comparison of consumption with previous reporting year

About the same

Please explain

生産工程と生活用水に使用

Facility reference number

Facility 5

Facility name (optional)

EXT

Country/Region

Thailand

River basin

Other, please specify (Bang Pakong)

Latitude

13.356585

Longitude

101.007602

Primary power generation source for your electricity generation at this facility

<Not Applicable>

Oil & gas sector business division

<Not Applicable>

Total water withdrawals at this facility (megaliters/year)

69.87

Comparison of withdrawals with previous reporting year

About the same

Total water discharges at this facility (megaliters/year)

69.87

Comparison of discharges with previous reporting year

About the same

Total water consumption at this facility (megaliters/year)

0

Comparison of consumption with previous reporting year

About the same

Please explain

生産工程と生活用水に使用

W5.1a

(W5.1a) For each facility referenced in W5.1, provide withdrawal data by water source.

Facility reference number

Facility 1

Facility name

DNX-T

Fresh surface water, including rainwater, water from wetlands, rivers and lakes

981.35

Brackish surface water/seawater

0

Groundwater - renewable

11.4

Groundwater - non-renewable

0

Produced/Entrained water

0

Third party sources

38.23

Comment

Facility reference number

Facility 2

Facility name

EXD-M

Fresh surface water, including rainwater, water from wetlands, rivers and lakes

0

Brackish surface water/seawater

0

Groundwater - renewable

0

Groundwater - non-renewable

0

Produced/Entrained water

0

Third party sources

59.73

Comment

Facility reference number

Facility 3

Facility name

EXK

Fresh surface water, including rainwater, water from wetlands, rivers and lakes

0

Brackish surface water/seawater

0

Groundwater - renewable

0

Groundwater - non-renewable

0

Produced/Entrained water

0

Third party sources

2.45

Comment

Facility reference number

Facility 4

Facility name

EFM

Fresh surface water, including rainwater, water from wetlands, rivers and lakes

0

Brackish surface water/seawater

0

Groundwater - renewable

0

Groundwater - non-renewable

0

Produced/Entrained water

0

Third party sources

45.53

Comment

Facility reference number

Facility 5

Facility name

EXT

Fresh surface water, including rainwater, water from wetlands, rivers and lakes

0

Brackish surface water/seawater

0

Groundwater - renewable

0

Groundwater - non-renewable

0

Produced/Entrained water

0

Third party sources

69.87

Comment

W5.1b

(W5.1b) For each facility referenced in W5.1, provide discharge data by destination.

Facility reference number

Facility 1

Facility name

DNX-T

Fresh surface water

981.35

Brackish surface water/Seawater

0

Groundwater

0

Third party destinations

49.63

Comment

勇払川放流

Facility reference number

Facility 2

Facility name

EXD-M

Fresh surface water

0

Brackish surface water/Seawater

0

Groundwater

0

Third party destinations

59.73

Comment

下水放流

Facility reference number

Facility 3

Facility name

EXK

Fresh surface water

2.45

Brackish surface water/Seawater

0

Groundwater

0

Third party destinations

0

Comment

Facility reference number

Facility 4

Facility name

EFM

Fresh surface water

0

Brackish surface water/Seawater

0

Groundwater

9.1

Third party destinations

36.42

Comment

Facility reference number

Facility 5

Facility name

EXT

Fresh surface water

0

Brackish surface water/Seawater

0

Groundwater

13.97

Third party destinations

55.89

Comment

W5.1c

(W5.1c) For each facility referenced in W5.1, provide the proportion of your total water use that is recycled or reused, and give the comparison with the previous reporting year.

Facility reference number

Facility 1

Facility name

DXN-T

% recycled or reused

1-10%

Comparison with previous reporting year

About the same

Please explain

2018年01月よりリサイクル設備を稼働 使用量の30%をリサイクルし再利用

Facility reference number

Facility 2

Facility name

EXD-M

% recycled or reused

None

Comparison with previous reporting year

Please select

Please explain

Facility reference number

Facility 3

Facility name

EXK

% recycled or reused

None

Comparison with previous reporting year

Please select

Please explain

Facility reference number

Facility 4

Facility name

EFM

% recycled or reused

None

Comparison with previous reporting year

Please select

Please explain

Facility reference number

Facility 5

Facility name

EXT

% recycled or reused

None

Comparison with previous reporting year

Please select

Please explain

W5.1d

(W5.1d) For the facilities referenced in W5.1, what proportion of water accounting data has been externally verified?

Water withdrawals – total volumes

% verified
76-100

What standard and methodology was used?
請求書や水道メーターに基づく検針値

Water withdrawals – volume by source

% verified
76-100

What standard and methodology was used?
請求書や水道メーターに基づく検針値

Water withdrawals – quality

% verified
76-100

What standard and methodology was used?
取水の質を確認するのは、川および地下水を用いる拠点である。こちらに関しては常時監視で質を管理している。上水完備の拠点については質管理は行政にゆだねている

Water discharges – total volumes

% verified
76-100

What standard and methodology was used?
請求書や水道メーターに基づく検針値

Water discharges – volume by destination

% verified
76-100

What standard and methodology was used?
請求書や水道メーターに基づく検針値

Water discharges – volume by treatment method

% verified
76-100

What standard and methodology was used?
請求書や水道メーターに基づく検針値

Water discharge quality – quality by standard effluent parameters

% verified
51-75

What standard and methodology was used?
・外部業者による排液の測定結果(計量証明書に基づく)

Water discharge quality – temperature

% verified
76-100

What standard and methodology was used?
・外部業者による排液の測定結果(計量証明書に基づく) ・社内で実測

Water consumption – total volume

% verified
51-75

What standard and methodology was used?
屋根や緑化用の散水により蒸発した量とする

Water recycled/reused

% verified
26-50

What standard and methodology was used?
設備導入時の始動時の実測データより算出

W6. Governance

W6.1

(W6.1) Does your organization have a water policy?

Yes, we have a documented water policy that is publicly available

W6.1a

(W6.1a) Select the options that best describe the scope and content of your water policy.

	Scope	Content	Please explain
Row 1	Company-wide	Recognition of environmental linkages, for example, due to climate change	ISO140001の環境方針として作成

W6.2

(W6.2) Is there board level oversight of water-related issues within your organization?

Yes

W6.2a

(W6.2a) Identify the position(s) (do not include any names) of the individual(s) on the board with responsibility for water-related issues.

Position of individual	Please explain
Director on board	役職：全社環境統括責任者 1. 位置づけ・取締役・環境保全活動推進の最高責任者・環境保全活動推進の最高審議機関「EGC委員会」の議長 2. 責任の内容・実務トップ。環境目標の設定、計画の進捗、法順守状況の管理（毎月）環境に関連する全社の「リスクと機会」を決定する環境マネジメントシステムの有効性、妥当性を判断・環境事務局より環境目標の進捗報告（毎月）、マネジメントレビューでのインプット項目について報告（半年に1回）を受ける・入手した必要な情報について判断を行い、重大さに応じ、取締役会、経営会議、EGC委員会で議題提出する・経営層（取締役）と執行役員の立場から、全社の環境活動の方針を定め、環境事務局へ取締役会、企業の戦略の情報から想定しうる「リスクと機会」の情報など適切な情報を与え、指示を行う・気候変動問題を含む環境情報の外部公開を判断
Board-level committee	EGC委員会について 1. 委員会の位置づけ・EGC委員会は当社の全社の環境保全活動を審議推進する最高機関。ISO14001の仕組みにて規定。・構成メンバーはCEO、全社環境統括管理者、全社環境担当責任者、執行役員、監査役からなる。・取締役会のうち主要メンバーである社内取締役全員が含まれているため、取締役会に非常に近い側面を持つ 2. 責任の内容・EGC委員会は当社グループの環境マネジメントのため次の4項について審議を行う。 1) 環境目標、 2) 事業上のリスク及び機会 3) 周囲の状況や社会環境、利害関係者の要求の変化 4) その他都度提出された議題 *気候関連問題は環境マネジメントシステムにて解決すべき課題の一つとして、削減目標を定め、その進捗を管理、対策を実施している。 3. モニタリング方法・EGC委員会：半年に1回開催

W6.2b

(W6.2b) Provide further details on the board's oversight of water-related issues.

	Frequency that water-related issues are a scheduled agenda item	Governance mechanisms into which water-related issues are integrated	Please explain
Row 1	Scheduled - some meetings	Monitoring implementation and performance Reviewing and guiding major plans of action Reviewing and guiding risk management policies Reviewing and guiding strategy Reviewing and guiding corporate responsibility strategy	・水使用量、法遵守状況に対処するための目標と進捗 水など指標については毎月の取締役会の報告事項となっている 水など目標値の見直しや目標の設定については、原則 社内取締役全メンバーの出席するEGC委員会内での議題となることが多い・リスク管理方針の審査と指導 自然災害対策等BCM関連項目については、適時議題となっている

W6.3

(W6.3) Provide the highest management-level position(s) or committee(s) with responsibility for water-related issues (do not include the names of individuals).

Name of the position(s) and/or committee(s)

Other C-Suite Officer, please specify (全社環境統括責任者（取締役）役割についてはW6.2aを参照下さい)

Responsibility

Both assessing and managing water-related risks and opportunities

Frequency of reporting to the board on water-related issues

Half-yearly

Please explain

当社の特徴として、社内取締役は執行役を兼務しているため、体制としてはW6.2cの通りとなる。当社の製品群は1つの分野に特化しているため、製造拠点毎のリスクは立地によるものを除くと共通しており、主だった水に関するリスクは次の2つとなる ①自然災害による物理リスク ②環境規制や地域のニーズに対応するためのリスク ①に関しては取締役会や上位経営会議で取り扱われる ②についてはEGC委員会で取り扱われる 複数のプロセスが存在して個々に評価を行っていることから そこで経営層と環境事務局がシンプルに共通認識を持ち水リスクに対処するための工夫として 全社環境統括責任者にすべての情報を集約し、最終判断を行う仕組みを採用している 1. 委員会の位置づけ EGC委員会は当社の全社の環境保全活動を審議推進する最高機関として、ISO14001の仕組みの中で規定されている委員はCEO、取締役、執行役員、監査役から構成されている。気候関連問題は「EGC委員会」がその責任を負う。 2. 責任の内容 EGC委員会は当社グループの環境マネジメントのため次の4項について審議を行う責任を持つ。 1) 環境目標、 2) 事業上のリスク及び機会 3) 周囲の状況や社会環境、利害関係者の要求の変化 4) その他都度提出された議題 気候関連問題は環境マネジメントシステムにて解決すべき課題の一つとして、削減目標を定め、その進捗を管理、対策を実施している。 3. モニタリング方法 EGC委員会は半年に1回開催しているが、環境指標は毎月の役員会で把握し、モニタリングを行っている。臨時の対応が必要な場合は、全社環境統括管理者は臨時のEGC委員会を開き対応する仕組みとなっている。

W6.5

(W6.5) Do you engage in activities that could either directly or indirectly influence public policy on water through any of the following?

No

W6.6

(W6.6) Did your organization include information about its response to water-related risks in its most recent mainstream financial report?

No, but we plan to do so in the next two years

W7. Business strategy

W7.1

(W7.1) Are water-related issues integrated into any aspects of your long-term strategic business plan, and if so how?

	Are water-related issues integrated?	Long-term time horizon (years)	Please explain
Long-term business objectives	No, water-related issues were reviewed but not considered as strategically relevant/significant	> 30	洪水など事業継続の視点でレビューを実施
Strategy for achieving long-term objectives	No, water-related issues were reviewed but not considered as strategically relevant/significant	> 30	洪水など事業継続の視点でレビューを実施
Financial planning	No, water-related issues were reviewed but not considered as strategically relevant/significant	> 30	洪水など事業継続の視点でレビューを実施

W7.2

(W7.2) 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?

Row 1

Water-related CAPEX (+/- % change)

0

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

0

Water-related OPEX (+/- % change)

0

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

0

Please explain

数値として計算されていないが、近年大きな変化がなく、ゼロとして回答する

W7.3

(W7.3) Does your organization use climate-related scenario analysis to inform its business strategy?

	Use of climate-related scenario analysis	Comment
Row 1	Yes	

W7.3a

(W7.3a) Has your organization identified any water-related outcomes from your climate-related scenario analysis?

Yes

W7.3b

(W7.3b) What water-related outcomes were identified from the use of climate-related scenario analysis, and what was your organization's response?

	Climate-related scenario(s)	Description of possible water-related outcomes	Company response to possible water-related outcomes
Row 1	Other, please specify (WRI「The Aqueduct Global Flood Analyser」,環境省「気候変動の観測・予測および影響評価総合レポート」)	異常気象の激甚化：集中豪雨頻度 現在 発生確率0.3回/年（日本）⇒ 4℃シナリオにて 2100年頃 0.6回/年	集中豪雨にて、操業停止リスクの高い淀川流域の拠点に関しては現在移転準備中であり、次年度移転予定

W7.4

(W7.4) Does your company use an internal price on water?

Row 1

Does your company use an internal price on water?

No, but we are currently exploring water valuation practices

Please explain

当社の部品は金属の加工、組み立てが主流のため、水の使用量は少なく、現状はウォータープライシングは検討していないが、取り巻く周囲の状況や要請があった場合どう対応するかについては調査を行い、必要に応じて対応できる体制づくりを努めている

W8. Targets

W8.1

(W8.1) Describe your approach to setting and monitoring water-related targets and/or goals.

	Levels for targets and/or goals	Monitoring at corporate level	Approach to setting and monitoring targets and/or goals
Row 1	Company-wide targets and goals	Targets are monitored at the corporate level	目的・公害の未然防止・水の使用量削減 目標・行政指導による緊急事態ゼロ・水の使用量を前年度同量とする（0%削減）

W8.1a

(W8.1a) Provide details of your water targets that are monitored at the corporate level, and the progress made.

Target reference number

Target 1

Category of target

Water withdrawals

Level

Site/facility

Primary motivation

Cost savings

Description of target

・水の使用量を前年度同量とする（0%削減）

Quantitative metric

Absolute reduction in total water withdrawals

Baseline year

2017

Start year

2018

Target year

2019

% achieved

100

Please explain

Target reference number

Target 2

Category of target

Water pollution reduction

Level

Business

Primary motivation

Corporate social responsibility

Description of target

行政指導による緊急事態ゼロ

Quantitative metric

Other, please specify (排出規制値を超える排出を行った件数)

Baseline year

2017

Start year

2018

Target year

2019

% achieved

Please explain

W9. Linkages and trade-offs

W9.1

(W9.1) Has your organization identified any linkages or tradeoffs between water and other environmental issues in its direct operations and/or other parts of its value chain?

No

W9.1b

(W9.1b) Why has your organization not identified any linkages or tradeoffs between water and other environmental issues?

	Primary reason	Please explain
Row 1	Considered, but none were identified	

W10. Verification

W10.1

(W10.1) Do you verify any other water information reported in your CDP disclosure (not already covered by W5.1d)?

No, but we are actively considering verifying within the next two years

W11. Sign off

W-FI

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

W11.1

(W11.1) Provide details for the person that has signed off (approved) your CDP water response.

	Job title	Corresponding job category
Row 1	役職：全社環境統括責任者 1 . 位置づけ・取締役・環境保全活動推進の最高責任者	Director on board

W11.2

(W11.2) Please indicate whether your organization agrees for CDP to transfer your publicly disclosed data on your impact and risk response strategies to the CEO Water Mandate's Water Action Hub [applies only to W2.1a (response to impacts), W4.2 and W4.2a (response to risks)].

No

SW. Supply chain module

SW0.1

(SW0.1) What is your organization's annual revenue for the reporting period?

	Annual revenue
Row 1	282398000000

SW0.2

(SW0.2) Do you have an ISIN for your organization that you are willing to share with CDP?

No

SW1.1

(SW1.1) Have you identified if any of your facilities reported in W5.1 could have an impact on a requesting CDP supply chain member?

Yes, CDP supply chain members buy goods or services from facilities listed in W5.1

SW1.1a

(SW1.1a) Indicate which of the facilities referenced in W5.1 could affect a requesting CDP supply chain member.

Facility reference number

Facility 2

Facility name

EXD本社

Requesting member

Honda Motor Co., Ltd.

Description of potential impact on member

都市型洪水に伴う工場浸水のリスクがあります

Comment

Facility reference number

Facility 2

Facility name

E X D 本社

Requesting member

Nissan Motor Co., Ltd.

Description of potential impact on member

都市型洪水に伴う工場浸水のリスクがあります

Comment

Facility reference number

Facility 3

Facility name

E X K

Requesting member

Nissan Motor Co., Ltd.

Description of potential impact on member

洪水リスクがあります

Comment

Facility reference number

Facility 4

Facility name

E F M

Requesting member

Nissan Motor Co., Ltd.

Description of potential impact on member

洪水リスクがあります

Comment

Facility reference number

Facility 5

Facility name

E X T

Requesting member

Nissan Motor Co., Ltd.

Description of potential impact on member

洪水リスクがあります

Comment

Facility reference number

Facility 3

Facility name

E X K

Requesting member

Honda Motor Co., Ltd.

Description of potential impact on member

洪水リスクがあります

Comment

Facility reference number

Facility 4

Facility name

E F M

Requesting member

Honda Motor Co., Ltd.

Description of potential impact on member

洪水リスクがあります

Comment

SW1.2

(SW1.2) Are you able to provide geolocation data for your site facilities?

No, not currently but we intend to provide it within the next two years

SW2.1

(SW2.1) Please propose any mutually beneficial water-related projects you could collaborate on with specific CDP supply chain members.

SW2.2

(SW2.2) Have any water projects been implemented due to CDP supply chain member engagement?

No

SW3.1

(SW3.1) Provide any available water intensity values for your organization's products or services across its operations.

Submit your response

In which language are you submitting your response?

Japanese

Please confirm how your response should be handled by CDP

	Public or Non-Public Submission	I am submitting to	Are you ready to submit the additional Supply Chain Questions?
I am submitting my response	Non-public	Investors Customers	Yes, submit Supply Chain Questions now

Please confirm below

I have read and accept the applicable Terms