

W0. Introduction

W0.1

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

As of December 31, 2017 The Continental Corporation consists of 527 companies, including non-controlled companies, in addition to the parent company Continental AG. The Continental team is made up of 235,473 employees over a total of 554 locations in 61 countries. The Executive Board of Continental AG has overall responsibility for management. The divisions each have their own Executive Board member who represents them. With the exception of Corporate Purchasing, the central functions are represented by the chairman of the Executive Board, the chief financial officer, and the Executive Board member responsible for Human Relations. They take on the functions required on a cross-divisional basis to manage the corporation. These include, in particular, finance, controlling, law and IT, sustainability, the environment, and quality management. The Continental Corporation is divided into the Automotive Group and the Rubber Group, which in the year under review is comprised of a total of five divisions with 27 business units. A division or business unit is classified according to products, product groups, and services or according to regions. Differences result primarily from technological requirements, innovation and product cycles, the raw materials base, and production technology. Other factors include economic cycles, competitive structure, and the resulting growth opportunities. The divisions and business units have overall responsibility for their business, including their results.

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	January 1 2017	December 31 2017

W0.3

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

Other, please specify (world wide for the entire organization)

W0.4

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

EUR

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 operational control is exercised

W0.6

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

No

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	Important	Important	While freshwater is not used as an input factor in our products, supplies of freshwater are nevertheless import for both our direct and indirect production processes. In addition to the small quantities of high quality freshwater required for washing and drinking by employees, water resources are important in our direct production processes, particularly within the Tire Division, for cooling as well as for galvanic processes. Supplies of freshwater are also important in the production of many of our critical raw materials including especially natural rubber, various metals (i.e. steel), plastics and resins. Dependency on freshwater resources will become increasingly important for our indirect operations through the procurement of natural rubber in particular, where an initial footprinting assessment indicates most of our water exposure is held. This dependency is especially vulnerable in some dryer areas new to rubber cultivation where physical risks are of greatest concern.
Sufficient amounts of recycled, brackish and/or produced water available for use	Not very important	Not very important	Currently we do not depend in any significant way on brackish or recycled water for our direct operations, where use of such sources is nearly zero except in a few isolated plants for cooling purposes. An initial assessment of our supply chain also indicates that such water sources are of lesser importance as compared to freshwater, and where it is used it is primarily for cooling and steam production in the processing of raw materials. An assessment of our indirect water footprint indicates that most of our water exposure lies in key raw materials such as natural rubber that rely primarily on freshwater, and we do not anticipate that this will change in the near future. However, we do expect to expand our use of recycled water within our direct operations in select locations, particularly those facing acute water stress.

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	100%	All production sites and R&D sites apply a certified management system according to ISO 14001 and report their data in our global KPI tool. Data is collected on a weekly basis and aggregated for annual reporting.
Water withdrawals – volumes from water stressed areas	100%	All production sites and R&D sites apply a certified management system according to ISO 14001 and report their data in our global KPI tool. Data is collected on a weekly basis and aggregated for annual reporting.
Water withdrawals – volumes by source	100%	All production sites and R&D sites apply a certified management system according to ISO 14001 and report their data in our global KPI tool. Data is collected on a weekly basis and aggregated for annual reporting.
Produced water associated with your metals & mining sector activities - total volumes	<Not Applicable>	<Not Applicable>
Produced water associated with your oil & gas sector activities - total volumes	<Not Applicable>	<Not Applicable>
Water withdrawals quality	100%	All production sites and R&D sites apply a certified management system according to ISO 14001 and report their data in our global KPI tool. Data is collected on a weekly basis and aggregated for annual reporting.
Water discharges – total volumes	100%	All production sites and R&D sites apply a certified management system according to ISO 14001 and report their data in our global KPI tool. Data is collected on a weekly basis and aggregated for annual reporting.
Water discharges – volumes by destination	76-99	The is KPI is monitored locally on an as-needed basis for sites where additional monitoring parameters are required for legal reasons, and are not aggregated at Corporate level. Usually this indicator is monitored on a weekly basis, although slight variations in monitoring frequency may occur in some locations where legal requirements differ.
Water discharges – volumes by treatment method	51-75	The is KPI is monitored locally on an as-needed basis for sites where additional monitoring parameters are required for legal reasons, and are not aggregated at Corporate level. Usually this indicator is monitored on a weekly basis, although slight variations in monitoring frequency may occur in some locations where legal requirements differ.
Water discharge quality – by standard effluent parameters	51-75	The is KPI is monitored locally on an as-needed basis for sites where additional monitoring parameters are required for legal reasons, and are not aggregated at Corporate level. Usually this indicator is monitored on a weekly basis, although slight variations in monitoring frequency may occur in some locations where legal requirements differ.
Water discharge quality – temperature	51-75	The is KPI is monitored locally on an as-needed basis for sites where additional monitoring parameters are required for legal reasons, and are not aggregated at Corporate level. Usually this indicator is monitored on a weekly basis, although slight variations in monitoring frequency may occur in some locations where legal requirements differ.
Water consumption – total volume	100%	All production sites and R&D sites apply a certified management system according to ISO 14001 and report their data in our global KPI tool. Data is collected on a weekly basis and aggregated for annual reporting.
Water recycled/reused	26-50	Monitoring of recycled/reused water is only undertaken within ourTire Divison and is conducted on a weekly basis.
The provision of fully-functioning, safely managed WASH services to all workers	100%	In all plants operated by Continental, WASH Services are provided to our workers as per our company policy. An internal audit of our production locations with regard to this and other health and safety policies is conducted on an annual basis.

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	19782032	Higher	Production growth and acquisitions resulted in a slightly higher withdrawal figure compared with the previous year's figure. In the future, volumes are expected to remain roughly stable with a slight decrease possible due to internal efficiency measures.
Total discharges	11358974	Higher	Production growth and acquisitions resulted in a slightly higher discharge figure compared with the previous year's figure. In the future, volumes are expected to remain roughly stable with a slight decrease possible due to internal efficiency measures requiring fewer withdrawals and an uptake in the use of recycled water in some locations.
Total consumption	8423058	About the same	Production growth and acquisitions resulted in a slightly higher consumption figure compared with the previous year's figure. In the future, volumes are expected to remain roughly stable with a slight decrease possible due to internal efficiency measures.

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	15	This is our first year of measurement	WRI Aqueduct	We did not apply a universal risk assessment of our production sites in previous reporting years, and therefore this was the first year in which we assessed and classified our production sites based on various indicators covering physical risks, quality risks as well as reputational and regulatory risks. The WRI Aqueduct tool was selected to assess water stress for all basins within which we have production facilities. The assessment was carried out for the indicator baseline water stress (BWS) using data from the model's baseline year (2010) as well as for future projections of water stress in 2020, 2030 and 2040. Based on the outcome of this assessment, we determined that total production facility withdrawals from basins designated as suffering from extreme water stress constituted 15% of the total. Priority countries include Mexico, India, South Africa and China

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	2930416	Higher	Production growth and acquisitions resulted in slightly higher withdrawal figures for all three of our primary freshwater sources (surface, renewable groundwater and third-party sources) compared with the previous year's figure. In the future, withdrawal volumes are expected to remain roughly stable with a slight decrease possible due to internal efficiency measures.
Brackish surface water/seawater	Not relevant	<Not Applicable>	<Not Applicable>	Water from this source is not used by our organisation as supplies from other sources are sufficient to meet our production needs. We do not expect any withdrawals from this source in the future.
Groundwater – renewable	Relevant	7433938	Higher	Production growth and acquisitions resulted in slightly higher withdrawal figures for all three of our primary freshwater sources (surface, renewable groundwater and third-party sources) compared with the previous year's figure. In the future, withdrawal volumes are expected to remain roughly stable with a slight decrease possible due to internal efficiency measures.
Groundwater – non-renewable	Not relevant	<Not Applicable>	<Not Applicable>	Water from this source is not used by our organisation as supplies from other sources are sufficient to meet our production needs.
Produced water	Not relevant	<Not Applicable>	<Not Applicable>	Water from this source is not used by our organisation as supplies from other sources are sufficient to meet our production needs.
Third party sources	Relevant	9417678	Higher	Production growth and acquisitions resulted in slightly higher withdrawal figures for all three of our primary freshwater sources (surface, renewable groundwater and third-party sources) compared with the previous year's figure. In the future, withdrawal volumes are expected to remain roughly stable with a slight decrease possible due to internal efficiency measures.

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 but volume unknown	<Not Applicable>	<Not Applicable>	Although we have limited discharge to fresh surface water sources for select sites, this operation takes place on an as-needed basis and is not common practice across the company as a whole. Therefore, monitored data on such discharge are not aggregated at the corporate level.
Brackish surface water/seawater	Not relevant	<Not Applicable>	<Not Applicable>	We do not use water from not discharge water to brackish surface water or seawater sources.
Groundwater	Relevant but volume unknown	<Not Applicable>	<Not Applicable>	Although we have limited discharge to groundwater sources for select sites, this operation takes place on an as-needed basis and is not common practice across the company as a whole. Therefore, monitored data on such discharge are not aggregated at the corporate level.
Third-party destinations	Relevant	11358974	Higher	Production growth and acquisitions resulted in slightly higher discharge figures compared with the previous year's figure. It is corporate policy to discharge all wastewater to third-party destinations and therefore this indicator represents the vast majority of water discharged across the company as a whole. In the future, discharge volumes are expected to remain roughly stable with a slight decrease possible due to internal efficiency measures requiring fewer withdrawals and an uptake in the use of recycled water in some locations.

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	2-10	Higher	Process optimization was implemented in select production locations, particularly those with higher levels of basin water stress, resulting in a better reuse of existing withdrawn water in those sites. We are working year by year to improve this KPI in order to achieve greater production efficiency per unit of water applied and reduce our dependence on surface and groundwater withdrawals across all production sites as this optimization is expanded, therefore we expect our use of recycled water to increase in future years.

W1.4

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

Yes, our suppliers

W1.4a

(W1.4a) What proportion of suppliers do you request to report on their water use, risks and/or management information and what proportion of your procurement spend does this represent?

Row 1

% of suppliers by number

51-75%

% of total procurement spend

26-50

Rationale for this coverage

Continental uses EcoVadis software to obtain information from suppliers and prioritises those for water disclosure based on strategic materiality and environmental impact thresholds built into the software. All strategic suppliers meeting these criteria are included in the assessment. Suppliers are required to report environmental data indicators among others as a pre-condition for doing business with Continental and the terms are detailed in our supplier agreement.

Impact of the engagement and measures of success

All suppliers are required to provide information on the total product and/or raw material acquired by Continental on an annual basis with high water-impact products being flagged should further investigation be required. For the more targeted set of suppliers mentioned above, basic metrics with respect to water withdrawals and discharge are also requested. This information is used internally to assess sourcing and financial risks as well as to indicate hotspots for water and other environmental impacts.

Comment

W1.4b

(W1.4b) Provide details of any other water-related supplier engagement activity.

Type of engagement

Innovation & collaboration

Details of engagement

Educate suppliers about water stewardship and collaboration

% of suppliers by number

Less than 1%

% of total procurement spend

Less than 1%

Rationale for the coverage of your engagement

In a collaboration project with Tier 1 suppliers within the Bravo River Basin in Mexico, we have created a network within the regional production economy to promote resource efficiency and in particular water-use efficiency, which was one of the more important KPIs discussed as part of the engagement. The location of these suppliers within a designated high-risk water stressed basin was one of the primary motivations for selecting these suppliers in particular.

Impact of the engagement and measures of success

Measures to promote and monitor water-use efficiency across the network of suppliers were implemented with the aim of spreading awareness about the water topic and monitoring know-how throughout the group. Initial results indicate that some reductions in water withdrawals per unit of production were achieved in addition to reduced total water input costs.

Comment

W2. Business impacts

W2.1

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

No

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?

Yes, fines

W2.2a

(W2.2a) Provide the total number and financial value of all water-related fines.

Row 1

Total number of fines

3

Total value of fines

16049

% of total facilities/operations associated

1

Number of fines compared to previous reporting year

About the same

Comment

W2.2b

(W2.2b) Provide details for all significant fines, enforcement orders, and/or penalties for water-related regulatory violations in the reporting year, and your plans for resolving them.

Type of penalty

Fine

Financial impact

16049

Country/Region

Other, please specify (rest of the world)

River basin

Other, please specify (no specific data available)

Type of incident

Effluent limit exceedances

Description of penalty, incident, regulatory violation, significance, and resolution

Fines were issued because exceeding limit values for discharging into the public sewage system.

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 as a standalone issue

Frequency of assessment

Annually

How far into the future are risks considered?

6 to 10 years

Type of tools and methods used

Tools on the market

Tools and methods used

Water Footprint Network Assessment tool

WRI Aqueduct

WWF-DEG Water Risk Filter

Comment

Supply chain

Coverage

Partial

Risk assessment procedure

Water risks are assessed as a standalone issue

Frequency of assessment

Annually

How far into the future are risks considered?

6 to 10 years

Type of tools and methods used

Tools on the market

Tools and methods used

Water Footprint Network Assessment tool

WRI Aqueduct

WWF-DEG Water Risk Filter

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	Water availability (quantity) risk is considered for our direct operations using two separate tools including the WRI Aqueduct Tool and WWF Water Risk Filter, although for site designation purposes we primarily use Aqueduct's Baseline Water Stress indicator. However, all other water quantity indicators are evaluated on an annual basis using both tools and included in our overall risk assessment.
Water quality at a basin/catchment level	Relevant, always included	Water quality at the facility site level as well as catchment level is considered for our direct operations using two separate tools including the WRI Aqueduct Tool and WWF Water Risk Filter, although we rely primarily on the Water Risk Filter due to the wide variety of water quality indicators for site designation purposes. However, all other water quality indicators are evaluated on an annual basis using both tools and included in our overall risk assessment.
Stakeholder conflicts concerning water resources at a basin/catchment level	Relevant, always included	Stakeholder conflicts in basins within which we have direct operations are evaluated on an annual basis in a limited manner based on assessing the reputational risk indicators used by the WRI Aqueduct Tool and WWF Water Risk Filter. However, due to the limited scope of these assessments we are currently evaluating alternatives to gain a deeper understanding of stakeholder issues.
Implications of water on your key commodities/raw materials	Relevant, always included	Implications of water risk (quantity and quality) are evaluated using the WRI Aqueduct Tool, WWF Water Risk Filter and Water Footprint Assessment Tool with different tools used depending on the indicator under consideration and designation required.
Water-related regulatory frameworks	Relevant, always included	Regulatory risks in basins within which we have direct operations are evaluated on an annual basis using the regulatory risk indicators available under the WRI Aqueduct Tool and WWF Water Risk Filter, including policy environment, scope of legal protections and enforcement.
Status of ecosystems and habitats	Relevant, always included	The status of ecosystem health and biodiversity in basins within which we have direct operations is evaluated on an annual basis using the biological and ecosystem indicators available under the WRI Aqueduct Tool and WWF Water Risk Filter, including threats to specific classes of wildlife and biodiversity as well as ambient water quality as an indicator of ecosystem health.
Access to fully-functioning, safely managed WASH services for all employees	Relevant, always included	The provision of WASH services to all Continental employees is corporate policy and the WASH facilities are audited using internal methods on an annual basis at production facilities to ensure compliance with this and other health and safety policies.
Other contextual issues, please specify	Please select	

W3.3c

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

	Relevance & inclusion	Please explain
Customers	Not considered	Our current risk assessment focuses exclusively on our direct and indirect operations and does not consider possible water risks relating to our customers.
Employees	Relevant, always included	Safe, clean drinking water and adequate sanitation facilities are important for employees to operate effectively and maintain a healthy working environment. Therefore WASH services are provided to all Continental employees and verified periodically as part of our internal health and safety audits.
Investors	Not considered	Our current risk assessment focuses exclusively on our direct and indirect operations and does not consider possible water risks relating to our investors.
Local communities	Relevant, always included	We collect information from and coordinate our operations with local NGOs and community groups in order to mitigate possible negative impacts of our production and promote positive community relations. To date these risks and responses have been conducted on a site by site basis, however following our recent universal risk assessments we shall likely prioritize engagement based on the risk to the local basin through community water projects, for example.
NGOs	Relevant, always included	We collect information from and coordinate our operations with local NGOs and community groups in order to mitigate possible negative impacts of our production and promote positive community relations. These risks and responses are conducted on a site by site basis.
Other water users at a basin/catchment level	Relevant, not included	Our current risk assessment focuses exclusively on our direct and indirect operations and does not yet consider possible water risks relating to other water users in the basin. As we consider changes to our water policy in at-risk water basins within the next 2-3 years, however, we intend to include other water users where collaboration is necessary.
Regulators	Relevant, always included	We collect information from and coordinate our operations with local regulatory authorities in order to ensure compliance with local regulations. These risks and responses are conducted on a site by site basis.
River basin management authorities	Relevant, always included	We collect information on a site by site and country by country basis explore measures that will mitigate impact to operations.
Statutory special interest groups at a local level	Relevant, not included	Our current risk assessment focuses exclusively on our direct and indirect operations and does not yet consider possible water risks relating to special interest groups at the local level within these basins. As we consider changes to our water policy in at-risk water basins within the next 2-3 years, however, we intend to include local special interest groups where collaboration is necessary.
Suppliers	Relevant, always included	Implications of water risk (quantity and quality) are evaluated using the WRI Aqueduct Tool, WWF Water Risk Filter and Water Footprint Assessment Tool, with different tools used depending on the indicator under consideration and designation required. Suppliers located in basins exhibiting high levels of water stress are flagged, and initial engagement with suppliers on promoting water-efficiency internally has been piloted in some key basins (e.g. Mexico).
Water utilities at a local level	Not considered	Our current risk assessment focuses exclusively on our direct and indirect operations and does not consider possible water risks relating to local water utilities.
Other stakeholder, please specify	Please select	

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.

We applied a variety of water risk assessment tools for the first time in 2018 in order to conduct an initial global assessment of our water risk profile using a wide range of indicators. This involved using the WRI Aqueduct Tool and WWF Water Risk Filter to screen our global direct operations and Tier 1 suppliers for current and projected water quantity, water quality, regulatory and reputational risks. In addition, we used the Water Footprint Network's Water Footprint Assessment Tool to help support the quantification of water impacts for key raw materials within our supply chain. These tools were selected due to the wide range of indicators used as well as their general uptake among competitors within our industry in order to ensure consistency in the results. We intend to re-evaluate these indicators on an annual basis in order to take advantage of any updates to the publically available datasets and ensure accurate risk profiles for strategy planning purposes.

The initial analysis allowed us to determine which production sites and suppliers can be considered at risk from a water quantity or quality perspective. More specifically, we were able to identify basins designated as exhibiting "Extremely High Risk" of baseline water stress, which will be flagged for special attention in the future. The scope of this special attention depends on changes made to our current water policy and remains under discussion.

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, both in direct operations and the rest of our value chain

W4.1a

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

We consider substantive financial or strategic impact to our business to be defined as the highest level of baseline water stress as defined by our global WRI Aqueduct risk analysis (Level 5 - Extremely High Risk), which is a quantitative risk metric indicating the ratio of total annual water withdrawals to total annual renewable water supply within a defined basin. The highest risk level indicates that 80% or more of total water available is being withdrawn for human purposes. We do not currently recognize direct or indirect operational sites located in basins below the 80% threshold as subject to substantive risk, however we may modify this definition in the future to include more sites.

Based on our most recent Aqueduct analysis, six facilities within our direct operations fall within our high risk threshold while three of our priority suppliers (indirect operations) can be categorised as high risk according to our definition.

As a result of this analysis, many of our production sites located in Mexico have been targeted for special water-efficiency measures and engagement with the water topic due to the large number of facilities located within high-risk basins.

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	6	1-25	Roughly 2 % of all production sites are impacted with regard to the highest level of baseline water stress as defined by WRI. Focus countries include Mexico, India, South Africa, USA and China.

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

Mexico

River basin

Bravo

Number of facilities exposed to water risk

1

% company-wide facilities this represents

Less than 1%

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

Less than 1%

Comment

Country/Region

Mexico

River basin

Colorado River (Pacific Ocean)

Number of facilities exposed to water risk

1

% company-wide facilities this represents

Less than 1%

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

Less than 1%

Comment

Country/Region

China

River basin

Huang He (Yellow River)

Number of facilities exposed to water risk

1

% company-wide facilities this represents

Less than 1%

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

Less than 1%

Comment

Country/Region

India

River basin

Other, please specify (Ganges)

Number of facilities exposed to water risk

1

% company-wide facilities this represents

Less than 1%

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

Less than 1%

Comment

Country/Region

United States of America

River basin

Mississippi River

Number of facilities exposed to water risk

1

% company-wide facilities this represents

Less than 1%

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

Less than 1%

Comment

Country/Region

South Africa

River basin

Other, please specify (Algoa)

Number of facilities exposed to water risk

1

% company-wide facilities this represents

Less than 1%

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

Less than 1%

Comment

Country/Region

China

River basin

Yongding He

Number of facilities exposed to water risk

1

% company-wide facilities this represents

Less than 1%

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

Less than 1%

Comment

W4.2

(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

Mexico

River basin

Bravo

Type of risk

Physical

Primary risk driver

Increased water stress

Primary potential impact

Constraint to growth

Company-specific description

This basin was designated as extremely high risk in terms of baseline water stress in accordance with the global WRI Aqueduct water risk assessment described above and therefore flagged for our attention. A lack of available freshwater could be a limiting factor in our productive capacity, particularly in light of our expected growth forecasts in this expanding domestic market and therefore further investigation will be necessary to determine the appropriate engagement/response from a water perspective.

Timeframe

1 - 3 years

Magnitude of potential impact

Unknown

Likelihood

Likely

Potential financial impact

1

Explanation of financial impact

The calculation of direct financial impact is in the beginning phases only and obtaining precise figures remains difficult at this stage. We have identified some early figures regarding financial impact and have initiated countermeasures to address this impact, however the precise figures remain confidential at present.

Primary response to risk

Adopt water efficiency, water re-use, recycling and conservation practices

Description of response

ESH Managers and Facilities generally are trained in water-use efficiency and technical solutions to save water.

Cost of response

1

Explanation of cost of response

All individual measures are calculated at the individual site level and at present are not aggregated at the corporate level.

Country/Region

Mexico

River basin

Colorado River (Pacific Ocean)

Type of risk

Physical

Primary risk driver

Increased water stress

Primary potential impact

Constraint to growth

Company-specific description

This basin was designated as extremely high risk in terms of baseline water stress in accordance with the global WRI Aqueduct water risk assessment described above and therefore flagged for our attention. A lack of available freshwater could be a limiting factor in our productive capacity, particularly in light of our expected growth forecasts in this expanding domestic market and therefore further investigation will be necessary to determine the appropriate engagement/response from a water perspective.

Timeframe

1 - 3 years

Magnitude of potential impact

Medium

Likelihood

Likely

Potential financial impact

1

Explanation of financial impact

The calculation of direct financial impact is in the beginning phases only and obtaining precise figures remains difficult at this stage. We have identified some early figures regarding financial impact and have initiated countermeasures to address this impact, however the precise figures remain confidential at present.

Primary response to risk

Adopt water efficiency, water re-use, recycling and conservation practices

Description of response

ESH Managers and Facilities generally are trained in water-use efficiency and technical solutions to save water.

Cost of response

1

Explanation of cost of response

All individual measures are calculated at the individual site level and at present are not aggregated at the corporate level.

Country/Region

India

River basin

Ganges - Brahmaputra

Type of risk

Physical

Primary risk driver

Increased water stress

Primary potential impact

Constraint to growth

Company-specific description

This basin was designated as extremely high risk in terms of baseline water stress in accordance with the global WRI Aqueduct water risk assessment described above and therefore flagged for our attention. A lack of available freshwater could be a limiting factor in our productive capacity, particularly in light of our expected growth forecasts in this expanding domestic market and therefore further investigation will be necessary to determine the appropriate engagement/response from a water perspective.

Timeframe

1 - 3 years

Magnitude of potential impact

Medium-low

Likelihood

Likely

Potential financial impact

1

Explanation of financial impact

The calculation of direct financial impact is in the beginning phases only and obtaining precise figures remains difficult at this stage. We have identified some early figures regarding financial impact and have initiated countermeasures to address this impact, however the precise figures remain confidential at present.

Primary response to risk

Adopt water efficiency, water re-use, recycling and conservation practices

Description of response

ESH Managers and Facilities generally are trained in water-use efficiency and technical solutions to save water.

Cost of response

1

Explanation of cost of response

All individual measures are calculated at the individual site level and at present are not aggregated at the corporate level.

Country/Region

United States of America

River basin

Mississippi River

Type of risk

Physical

Primary risk driver

Increased water stress

Primary potential impact

Increased production costs

Company-specific description

This basin was designated as extremely high risk in terms of baseline water stress in accordance with the global WRI Aqueduct water risk assessment described above and therefore flagged for our attention. A lack of available freshwater could be a limiting factor in our productive capacity, particularly with respect to the production of steam, which specifically relevant to this facility and could lead to higher production costs.

Timeframe

4 - 6 years

Magnitude of potential impact

Medium

Likelihood

More likely than not

Potential financial impact

1

Explanation of financial impact

The calculation of direct financial impact is in the beginning phases only and obtaining precise figures remains difficult at this stage. We have identified some early figures regarding financial impact and have initiated countermeasures to address this impact, however the precise figures remain confidential at present.

Primary response to risk

Adopt water efficiency, water re-use, recycling and conservation practices

Description of response

ESH Managers and Facilities generally are trained in water-use efficiency and technical solutions to save water.

Cost of response

1

Explanation of cost of response

All individual measures are calculated at the individual site level and at present are not aggregated at the corporate level.

Country/Region

South Africa

River basin

Other, please specify (Algoa)

Type of risk

Physical

Primary risk driver

Increased water stress

Primary potential impact

Constraint to growth

Company-specific description

This basin was designated as extremely high risk in terms of baseline water stress in accordance with the global WRI Aqueduct water risk assessment described above and therefore flagged for our attention. A lack of available freshwater could be a limiting factor in our productive capacity, particularly with respect to the production of steam, which specifically relevant to this facility and could lead to higher production costs.

Timeframe

1 - 3 years

Magnitude of potential impact

Medium

Likelihood

Likely

Potential financial impact

1

Explanation of financial impact

The calculation of direct financial impact is in the beginning phases only and obtaining precise figures remains difficult at this stage. We have identified some early figures regarding financial impact and have initiated countermeasures to address this impact, however the precise figures remain confidential at present.

Primary response to risk

Adopt water efficiency, water re-use, recycling and conservation practices

Description of response

ESH Managers and Facilities generally are trained in water-use efficiency and technical solutions to save water.

Cost of response

1

Explanation of cost of response

All individual measures are calculated at the individual site level and at present are not aggregated at the corporate level.

Country/Region

China

River basin

Yongding He

Type of risk

Physical

Primary risk driver

Increased water stress

Primary potential impact

Constraint to growth

Company-specific description

This basin was designated as extremely high risk in terms of baseline water stress in accordance with the global WRI Aqueduct water risk assessment described above and therefore flagged for our attention. A lack of available freshwater could be a limiting factor in our productive capacity, particularly in light of our expected growth forecasts in this expanding domestic market and therefore further investigation will be necessary to determine the appropriate engagement/response from a water perspective.

Timeframe

1 - 3 years

Magnitude of potential impact

Medium-low

Likelihood

Likely

Potential financial impact

1

Explanation of financial impact

The calculation of direct financial impact is in the beginning phases only and obtaining precise figures remains difficult at this stage. We have identified some early figures regarding financial impact and have initiated countermeasures to address this impact, however the precise figures remain confidential at present.

Primary response to risk

Adopt water efficiency, water re-use, recycling and conservation practices

Description of response

ESH Managers and Facilities generally are trained in water-use efficiency and technical solutions to save water.

Cost of response

1

Explanation of cost of response

All individual measures are calculated at the individual site level and at present are not aggregated at the corporate level.

W4.2a

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

Country/Region

China

River basin

Yangtze River (Chang Jiang)

Stage of value chain

Supply chain

Type of risk

Physical

Primary risk driver

Increased water stress

Primary potential impact

Disruption to sales due to value chain disruption

Company-specific description

This basin in which one of our Chinese suppliers is located was designated as extremely high risk in terms of baselin water stress in accordance with the global WRI Aqueduct water risk assessment described above and therefore flagged for our attention. A lack of available freshwater could impact our procurement of necessary raw materials and input components required by our production facilities and therefore further investigation will be necessary to determine the appropriate engagement/response with such suppliers from a water perspective.

Timeframe

1 - 3 years

Magnitude of potential financial impact

Unknown

Likelihood

Likely

Potential financial impact

1

Explanation of financial impact

The calculation of direct financial impact is in the beginning phases only and obtaining precise figures remains difficult at this stage. We have identified some early figures regarding financial impact and have initiated countermeasures to address this impact, however the precise figures remain confidential at present.

Primary response to risk

Map supplier water risk

Description of response

The designation of suppliers from this basin as belonging to the extremely high-risk category was determined based on an initial global water risk assessment and therefore further refinement of the risk assessment and engagement with affected suppliers will be necessary to determine an appropriate and targeted response to lessen risk from water stress.

Cost of response

0

Explanation of cost of response

Further refinements to the risk assessment using additional indicators shall be conducted using WRI Aqueduct Tool and WWF Water Risk Filter to take into account issues regarding water quality, flooding, rainfall variability and other factors to narrow down the scope of the risk to suppliers within this basin. Subsequent high-level engagement with the supplier shall initiate a deeper assessment based on local knowledge to determine an initial course of action.

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?

No

W4.3b

(W4.3b) Why does your organization not consider itself to have water-related opportunities?

	Primary reason	Please explain
Row 1	Opportunities exist, but none with potential to have a substantive financial or strategic impact on business	In some areas of Contitech business we provide solutions to save water or to reduce water losses by evaporation. But this is not a major portion of or business or production costs.

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)

Country/Region

Mexico

River basin

Bravo

Latitude

31.7

Longitude

106.4

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)

36237

Comparison of withdrawals with previous reporting year

About the same

Total water discharges at this facility (megaliters/year)

16600

Comparison of discharges with previous reporting year

About the same

Total water consumption at this facility (megaliters/year)

19637

Comparison of consumption with previous reporting year

About the same

Please explain

Despite some growth in production at this site, an awareness of water constraints within the basin and implementation of water-use efficiency measures have resulted in a relatively consistent level of water withdrawals, discharge and consumption from previous years.

Facility reference number

Facility 2

Facility name (optional)

Country/Region

Mexico

River basin

Colorado River (Pacific Ocean)

Latitude

31.3

Longitude

110.9

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)

49805

Comparison of withdrawals with previous reporting year

About the same

Total water discharges at this facility (megaliters/year)

14645

Comparison of discharges with previous reporting year

About the same

Total water consumption at this facility (megaliters/year)

35160

Comparison of consumption with previous reporting year

About the same

Please explain

Despite some growth in production at this site, an awareness of water constraints within the basin and implementation of water-use efficiency measures have resulted in a relatively consistent level of water withdrawals, discharge and consumption from previous years.

Facility reference number

Facility 3

Facility name (optional)

Country/Region

India

River basin

Ganges - Brahmaputra

Latitude

28.4

Longitude

77.06

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)

18377

Comparison of withdrawals with previous reporting year

About the same

Total water discharges at this facility (megaliters/year)

14698

Comparison of discharges with previous reporting year

About the same

Total water consumption at this facility (megaliters/year)

3679

Comparison of consumption with previous reporting year

About the same

Please explain

Despite some growth in production at this site, an awareness of water constraints within the basin and implementation of water-use efficiency measures have resulted in a relatively consistent level of water withdrawals, discharge and consumption from previous years.

Facility reference number

Facility 4

Facility name (optional)**Country/Region**

United States of America

River basin

Mississippi River

Latitude

40.8

Longitude

96.7

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)

760717

Comparison of withdrawals with previous reporting year

Lower

Total water discharges at this facility (megaliters/year)

456388

Comparison of discharges with previous reporting year

Lower

Total water consumption at this facility (megaliters/year)

304329

Comparison of consumption with previous reporting year

Lower

Please explain

A constant level of production combined with an awareness of water constraints within the basin and implementation of water-use efficiency measures have resulted in a drop in water withdrawals, discharge and consumption from previous years.

Facility reference number

Facility 5

Facility name (optional)**Country/Region**

South Africa

River basin

Other, please specify (Algoa)

Latitude

33.9

Longitude

25.6

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)

130528

Comparison of withdrawals with previous reporting year

About the same

Total water discharges at this facility (megaliters/year)

50180

Comparison of discharges with previous reporting year

About the same

Total water consumption at this facility (megaliters/year)

80348

Comparison of consumption with previous reporting year

About the same

Please explain

Despite some growth in production at this site, an awareness of water constraints within the basin and implementation of water-use efficiency measures have resulted in a relatively consistent level of water withdrawals, discharge and consumption from previous years.

Facility reference number

Facility 6

Facility name (optional)**Country/Region**

China

River basin

Yongding He

Latitude

39.1

Longitude

117.1

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)

182502

Comparison of withdrawals with previous reporting year

About the same

Total water discharges at this facility (megaliters/year)

85717

Comparison of discharges with previous reporting year

About the same

Total water consumption at this facility (megaliters/year)

96785

Comparison of consumption with previous reporting year

About the same

Please explain

Despite some growth in production at this site, an awareness of water constraints within the basin and implementation of water-use efficiency measures have resulted in a relatively consistent level of water withdrawals, discharge and consumption from previous years.

W5.1a

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

Facility reference number

Facility 1

Facility name

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 water

0

Third party sources

36237

Comment

Facility reference number

Facility 2

Facility name

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 water

0

Third party sources

49805

Comment

Facility reference number

Facility 3

Facility name

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 water

0

Third party sources

18377

Comment

Facility reference number

Facility 4

Facility name

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 water

0

Third party sources

760717

Comment

Facility reference number

Facility 5

Facility name

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 water

0

Third party sources

130528

Comment

Facility reference number

Facility 6

Facility name

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 water

0

Third party sources

182502

Comment

W5.1b

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

Facility reference number

Facility 1

Facility name

Fresh surface water

0

Brackish surface water/Seawater

0

Groundwater

0

Third party destinations

16600

Comment

Facility reference number

Facility 2

Facility name

Fresh surface water

0

Brackish surface water/Seawater

0

Groundwater

0

Third party destinations

14645

Comment

Facility reference number

Facility 3

Facility name

Fresh surface water

0

Brackish surface water/Seawater

0

Groundwater

0

Third party destinations

14698

Comment

Facility reference number

Facility 4

Facility name

Fresh surface water

0

Brackish surface water/Seawater

0

Groundwater

0

Third party destinations

456388

Comment

Facility reference number

Facility 5

Facility name

Fresh surface water

0

Brackish surface water/Seawater

0

Groundwater

0

Third party destinations

50180

Comment

Facility reference number

Facility 6

Facility name

Fresh surface water

0

Brackish surface water/Seawater

0

Groundwater

0

Third party destinations

85717

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

% recycled or reused

None

Comparison with previous reporting year

About the same

Please explain

At present no water recycling or reuse initiatives have yet been implemented at this facility.

Facility reference number

Facility 2

Facility name

% recycled or reused

None

Comparison with previous reporting year

About the same

Please explain

At present no water recycling or reuse initiatives have yet been implemented at this facility.

Facility reference number

Facility 3

Facility name

% recycled or reused

None

Comparison with previous reporting year

About the same

Please explain

At present no water recycling or reuse initiatives have yet been implemented at this facility.

Facility reference number

Facility 4

Facility name

% recycled or reused

2-10%

Comparison with previous reporting year

About the same

Please explain

This site benefited from initial recycling efforts in past years, however for the current reporting year these efforts were not expanded further due to a review of initiative outcomes.

Facility reference number

Facility 5

Facility name

% recycled or reused

2-10%

Comparison with previous reporting year

About the same

Please explain

This site benefited from initial recycling efforts in past years, however for the current reporting year these efforts were not expanded further due to a review of initiative outcomes.

Facility reference number

Facility 6

Facility name

% recycled or reused

None

Comparison with previous reporting year

About the same

Please explain

At present no water recycling or reuse initiatives have yet been implemented at this facility.

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?

Data were verified according to the ISAE 3000 Standard and verified by KPMG.

Water withdrawals – volume by source

% verified

76-100

What standard and methodology was used?

Data were verified according to the ISAE 3000 Standard and verified by KPMG.

Water withdrawals – quality

% verified

Not verified

What standard and methodology was used?

These data are not currently verified externally.

Water discharges – total volumes

% verified

76-100

What standard and methodology was used?

Data were verified according to the ISAE 3000 Standard and verified by KPMG.

Water discharges – volume by destination

% verified

76-100

What standard and methodology was used?

Data were verified according to the ISAE 3000 Standard and verified by KPMG.

Water discharges – volume by treatment method

% verified

76-100

What standard and methodology was used?

Data were verified according to the ISAE 3000 Standard and verified by KPMG.

Water discharge quality – quality by standard effluent parameters

% verified

Not verified

What standard and methodology was used?

These data are not currently verified externally.

Water discharge quality – temperature

% verified

Not verified

What standard and methodology was used?

These data are not currently verified externally.

Water consumption – total volume

% verified

76-100

What standard and methodology was used?

Data were verified according to the ISAE 3000 Standard and verified by KPMG.

Water recycled/reused

% verified

Not verified

What standard and methodology was used?

These data are not currently verified externally.

W6. Governance

W6.1

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

Yes, we have a documented water policy, but it is not 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	Description of water-related performance standards for direct operations Company water targets and goals Commitment to align with public policy initiatives, such as the SDGs Recognition of environmental linkages, for example, due to climate change	While we are currently discussing changes to our existing water policy and strategy, at present our policy focuses on our impacts and targets at the facility-level (direct operations) only.

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) of the individual(s) on the board with responsibility for water-related issues.

Position of individual	Please explain
Chief Executive Officer (CEO)	Our environmental strategy is reviewed by the Executive Board as a whole on a regular basis in order to ensure consistency with other corporate policies and provide strategic vision. Our CEO in particular is responsible for matters related to Quality and Environment and thereby has direct responsibility for any strategic priorities related to our water strategy.
Other, please specify (CSR Council)	The CSR council regularly reviews any CSR- relevant topics and acts as the decision board for strategic developments, within which sater-related topics are included. The CSR Council is led by the HR Board Member and our CFO.

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 risk management policies Reviewing and guiding strategy Reviewing and guiding corporate responsibility strategy Setting performance objectives	Influence is exercised by the Executive Board and CSR Council with respect to strategic vision, integration with other sustainability topics and Group-wide coordination of monitoring and efficiency efforts. This includes special attention from our CEO Dr. Dr. Degenhart who is responsible for matters related to Quality and Environment and therefore provides strategic input into the development of our water policy based on current activities and projected environmental risks (i.e. water risks). All information related to current water performance indicators, monitoring issues, water-related risks and supply chain management are provide and prepared by Continental's Head of Corporate Environment who briefs higher management on these matters. Periodic meetings with the highest level of management ensure that water issues remain present in financial decision making. At the same time, it ensures that the mitigation of water-related risks are sufficiently coordinated with other related environmental policies.

W6.3

(W6.3) Below board level, provide the highest-level management position(s) or committee(s) with responsibility for water-related issues.

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

Other C-Suite Officer, please specify (Board Member of HR and CFO)

Responsibility

Both assessing and managing water-related risks and opportunities

Frequency of reporting to the board on water-related issues

Quarterly

Please explain

Our Board Member for HR as well our CFO, both of whom also occupy the Executive Board, lead the CSR Council. This council regularly reviews all CSR-relevant topics and acts as the decision board for strategy implementation, which includes all water-related topics. Quarterly reports are delivered to the Executive Board as a whole and with special attention given to the CEO outlining progress with respect to the implementation of strategy as well as recommendations for future policy changes or other strategic decisions.

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

Environment/Sustainability manager

Responsibility

Both assessing and managing water-related risks and opportunities

Frequency of reporting to the board on water-related issues

Quarterly

Please explain

At the divisional level, the Heads of Environment work on water-related topics, strategy, risk assessments, target setting and performance. Any information provided by this management level is provided to the Board level to support decision making.

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

Environmental health and safety manager

Responsibility

Both assessing and managing water-related risks and opportunities

Frequency of reporting to the board on water-related issues

More frequently than quarterly

Please explain

At the plant level, the EHS Manager(s) are responsible for executing and monitoring the performance of water targets. This is done in collaboration with the plant management and the facility management.

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

Facilities manager

Responsibility

Both assessing and managing water-related risks and opportunities

Frequency of reporting to the board on water-related issues

More frequently than quarterly

Please explain

At the plant level, the EHS Manager(s) are responsible for executing and monitoring the performance of water targets. This is done in collaboration with the plant management and the facility management.

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

Process operation manager

Responsibility

Both assessing and managing water-related risks and opportunities

Frequency of reporting to the board on water-related issues

More frequently than quarterly

Please explain

At the plant level, the EHS Manager(s) are responsible for executing and monitoring the performance of water targets. This is done in collaboration with the plant management and the facility management.

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?

- Yes, direct engagement with policy makers
- Yes, trade associations

W6.5a

(W6.5a) What processes do you have in place to ensure that all of your direct and indirect activities seeking to influence policy are consistent with your water policy/water commitments?

There is a regular alignment process in place that corresponds to the quarterly Executive Board meetings and decision-making timeline within the CSR Council to ensure that policy implementation within the facility locations and divisional functions are in accordance overall water policies. This alignment is coordinated by by Heads of Environment and EHS Managers in order to ensure that prioritized water programs and policies are carried out by Facility Managers, and that learnings are fed back to higher management and the Executive Board.

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	Yes, water-related issues are integrated	16-20	We monitor both current and long-run projections of water risk indicators critical to our operations for both direct operations and critical supply chain basins on an annual basis using the WRI Aqueduct tool and WWF Water Risk Filter. Water risk indicators considered important to our long-term business objectives and strategic planning include changes in water stress, demand, supply and temporal variability in such supplies. A time horizon of 16-20 years was selected to anticipate changes to key water indicators with enough lead time to consider changes to our procurement strategy for key raw materials and ensure resilience - for example natural rubber plantations require 6-10 years after planting to deliver commodities - as well as to integrate findings into our 2030 sustainability strategy currently under development.
Strategy for achieving long-term objectives	Yes, water-related issues are integrated	16-20	We monitor both current and long-run projections of water risk indicators critical to our operations for both direct operations and critical supply chain basins on an annual basis using the WRI Aqueduct tool and WWF Water Risk Filter. Water risk indicators considered important to our long-term business objectives and strategic planning include changes in water stress, demand, supply and temporal variability in such supplies. A time horizon of 16-20 years was selected to anticipate changes to key water indicators with enough lead time to consider changes to our procurement strategy for key raw materials and ensure resilience - for example natural rubber plantations require 6-10 years after planting to deliver commodities - as well as to integrate findings into our 2030 sustainability strategy currently under development.
Financial planning	No, water-related issues were reviewed but not considered as strategically relevant/significant	16-20	Current and long-term water risk indicators were reviewed as they were for long-term business objectives and strategic planning, however the findings were not determined to be immediately critical from a financial planning point of view. This may change in the future as we develop our water strategy further.

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?

	Water-related CAPEX (+/- % change)	Anticipated forward trend for CAPEX (+/- % change)	Water-related OPEX (+/- % change)	Anticipated forward trend for OPEX (+/- % change)	Please explain
Row 1					

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	Climate related scenarios are used for strategic planning of greenfields and for R&D aspects of product development. In addition, our long-run water risk assessments using the WRI Aqueduct tool take into account various climate scenarios to determine projections in water stress and supply.

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 (RCP 4.5 and RCP 8.5)	The RCP 4.5 and RCP 8.5 climate scenarios were used by the WRI Aqueduct Tool as optimistic and business as usual climate scenarios respectively to model changes in water stress and supply over long time horizons (i.e. 2020, 2030 and 2040). These models were used in combination with other indicators to determine where water stresses and supply are projected to worsen due to supply side (climate change-related) reasons. We were able to determine that even using the optimistic RCP 4.5 model we will likely see a worsening of water stress due to climate change in several of the high-risk basins where we have direct operations or source raw materials, such as in Mexico.	We anticipate engaging in identified basins in a more systematic manner moving forward as indicated by our early efforts to engage with our supply chains in Mexico due to immediate and long-term water scarcity concerns.

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

Although we are not currently using an internal price on water, we are currently discussing possible options for implementing one at select sites, for example those located within basins that are highly water stressed in anticipation of future water price increases, as part of our 2030 sustainability strategy.

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 Site/facility specific targets and/or goals	Targets are monitored at the corporate level	Continental has a corporate target to reduce total water consumption per revenue by 3% annually. The corporate target has been communicated to the individual production sites, which then must configure their own individual water consumption reduction targets and measures based on local circumstances in coordination with the corporate office to ensure that the overall corporate target is achieved by all sites on average. Production sites are responsible for implementing their own water management plans to comply with their individual and corporate-level ambitions by, for example, continually optimising water use on-site or increasing the use of recycled water.

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

Company-wide

Primary motivation

Reduced environmental impact

Description of target

The corporate-level target seeks to reduce the level of total water withdrawals within our direct operations by 3% per unit of revenue annually. The target was first implemented in 2013 and runs through 2020, with progress against the target being evaluated against the previous year's withdrawal figures as the baseline.

Quantitative metric

% reduction per revenue

Baseline year

2016

Start year

2013

Target year

2017

% achieved

100

Please explain

A 5% reduction in water withdrawals was achieved per revenue from the 2016 baseline year through the end of 2017 thereby exceeding our annual target for that year.

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	Not considered, but we have plans to do so in the next 2 years	Continental is currently re-evaluating our sustainability strategy through 2030, which includes discussions regarding how to link water to other priority environmental issues within our policy. These may include links to forestry through our exposure to natural rubber as a supply chain issue, or as a resiliency measure for production facilities against the effects of climate change in basins that are projected to become more water-stressed.

W10. Verification

W10.1

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

Yes

W10.1a

(W10.1a) Which data points within your CDP disclosure have been verified, and which standards were used?

Disclosure module	Data verified	Verification standard	Please explain
W8. Targets	Total corporate and production site level water consumption	ISAE3000	KPMG verified total water consumption in a limited assurance
W8. Targets	Total corporate and production site level water intensity (total water consumption per revenue)	ISAE3000	KPMG verified the water intensity numbers in a limited assurance

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	Dr. Elmar Degenhart, Chief Executive Officer	Chief Executive Officer (CEO)

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	44009500000

SW0.2

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

Yes

SW0.2a

(SW0.2a) Please share your ISIN in the table below.

	ISIN country code	ISIN numeric identifier (including single check digit)
Row 1	DE	00054390

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.

SW1.2

(SW1.2) Are you able to provide geolocation data for your site facilities not already reported in W5.1?

No, this is confidential data

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?

English

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	Public	Investors Customers	Yes, submit Supply Chain Questions now

Please confirm below

I have read and accept the applicable Terms