

W0. Introduction

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W0.1

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

Regeneron (NASDAQ: REGN) is a leading biotechnology company that invents life-transforming medicines for people with serious diseases. Founded and led for over 30 years by physician-scientists, our unique ability to repeatedly and consistently translate science into medicine has led to, as of March 2021, nine FDA-approved treatments and numerous product candidates in development, almost all of which were homegrown in our laboratories. Our medicines and pipeline are designed to help patients with eye diseases, allergic and inflammatory diseases, cancer, cardiovascular and metabolic diseases, pain, hematologic diseases, infectious diseases and rare diseases.

W0.2

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**(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 2020	December 31 2020

W0.3

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

- Ireland
- United Kingdom of Great Britain and Northern Ireland
- United States of America

W0.4

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

- USD

W0.5

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**(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

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

- No

W1. Current state

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W1.1

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(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	Important	Direct operations: The primary uses of good quality freshwater in direct operations are to perform research, manufacture our products, clean laboratory equipment, run our building systems, and other general office use. An importance rating of "vital" was selected because Regeneron and its suppliers depend on sufficient amounts of good quality freshwater to manufacture products and adhere to health & safety regulations. Therefore, sufficient amounts of good quality freshwater are critical to the success of our business. Lower quality water is not safe or acceptable in the research and production of pharmaceutical drugs. Indirect operations: The primary use of water in our indirect operations is for suppliers to manufacture products and maintain cleanliness, comfort and safety in their workplaces. An indirect use rating of "important" was selected because Regeneron ensures that its suppliers adhere to water-related regulations and have sufficient amounts of good quality freshwater to provide Regeneron with materials of the highest quality. Since Regeneron's drug products are utilized for human consumption, it is essential that our suppliers manufacture products with adequate amounts of good quality freshwater and exceed cleanliness standards in their operations. We do not anticipate any future changes in the dependency or importance of freshwater for our business or suppliers. We will continue to rely on good quality freshwater for supplier goods, and for the research and manufacturing of our pharmaceutical products.
Sufficient amounts of recycled, brackish and/or produced water available for use	Neutral	Not very important	Direct operations: Regeneron does not primarily use recycled, brackish, and/or produced water to conduct research or manufacturing activities. However, the importance rating of "neutral" was selected because the availability of this water could present an opportunity to reduce freshwater consumption in the future. Regeneron is investigating rainwater reuse at its manufacturing facility in Limerick, Ireland. Newer buildings at our headquarters in Tarrytown, New York use rainwater for landscape irrigation. The company continues to investigate opportunities to expand these systems to reduce Regeneron's freshwater consumption at significant locations. Indirect operations: Regeneron does not have areas in its supply chain that rely heavily on the availability of recycled, brackish and/or produced water. Therefore, we have rated this to be "not very important", as we do not anticipate this to change.

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%	Water withdrawals (total volumes) are regularly measured and monitored on a monthly basis. Our withdrawals are measured through onsite water meters, which allow the local municipalities to bill us for the total volumes withdrawn. We measure this relevant water aspect so that we can understand how the company's growth & operational changes affect our water withdrawals and to identify opportunities to decrease our withdrawals. All facilities within our operational control are included (none are excluded). The method of measurement for the total volume of water withdrawals is onsite water metering, which relates directly to our operations.
Water withdrawals – volumes by source	100%	Water withdrawals (volumes by source) are regularly measured and monitored on a monthly basis. Our withdrawals are measured through onsite water meters, which allow us to monitor volumes by source. The local municipalities provide us with information on volume and rate of payment for our water withdrawals. We measure this relevant water aspect so that we can understand how the company's growth & operational changes affect water withdrawals across our sites and for various processes, as each site has numerous entry points for water. Regular monitoring and measurement allow us to identify opportunities where we can decrease our water withdrawals. All facilities within our operational control are included (none are excluded). The method of measurement for water withdrawals (volumes by source) is onsite water metering, which relates directly to our operations.
Entrained water associated with your metals & mining sector activities - total volumes [only metals and mining sector]	<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	100%	Water withdrawals quality is regularly measured and monitored on an annual basis. The quality of our water withdrawals is measured through the local municipalities, who provide us with annual drinking water quality reports. We measure this relevant water aspect to ensure that all water is safe for consumption at our sites, and that the highest quality water is utilized for the research and manufacturing of our drug products. All facilities within our operational control are included (none are excluded). The method of measurement for water withdrawals quality is monitoring & quality testing by the local municipalities. Water quality directly impacts our ability to operate safely and produce the highest quality products that are suitable for human use.
Water discharges – total volumes	100%	Water discharges (total volumes) are estimated on a monthly basis. The method of measurement for these discharges is through the local municipalities, as we receive monthly statements for the total volumes discharged. The total volumes discharged are assumed to be 95% of the total volumes withdrawn. We monitor this relevant water aspect so that we can improve cost management and identify opportunities to decrease water consumption. All facilities within our operational control are included (none are excluded). Water discharges are sent to local wastewater treatment plants, and our operational facilities are required to comply with local & national regulations.
Water discharges – volumes by destination	100%	Water discharges (volumes by destination) are estimated on a monthly basis. The method of measurement for these discharges is through the local municipalities, as we receive monthly statements for the total volumes discharged. The total volumes discharged are assumed to be 95% of total volumes withdrawn. We monitor this relevant water aspect so that we can improve cost management and identify opportunities to decrease water consumption. All facilities within our operational control are included (none are excluded). Water discharges are sent to local wastewater treatment plants, and our operational facilities are required to comply with local & national regulations.
Water discharges – volumes by treatment method	26-50	Water discharges (volumes by treatment method) are estimated on a monthly basis. The method of measurement for these discharges is the wastewater treatment systems at our manufacturing sites. We monitor this relevant water aspect so that we can maintain compliance with applicable regulations set forth by the Irish EPA, USEPA, and local sewer agencies. Two facilities that we own (Rensselaer & Limerick) are included. The Dublin, Basking Ridge, Washington, D.C. and Uxbridge sites are excluded, as Regeneron is a tenant at these sites. Our Tarrytown & Sleepy Hollow sites are also excluded, as onsite treatment is not necessary prior to reaching the municipal wastewater treatment plant. Water discharges are sent to local wastewater treatment plants, and our manufacturing facilities apply treatment onsite prior to discharging water to municipalities.
Water discharge quality – by standard effluent parameters	26-50	Water discharge quality (by standard effluent parameters) is regularly measured and monitored on a weekly and monthly basis. The method of measurement for standard effluent parameters is the wastewater treatment systems at our manufacturing sites. We measure this relevant water aspect to ensure that our water discharges have at least the same quality as the water that was sourced, and to comply with applicable regulations set forth by the Irish EPA, USEPA, and local sewer agencies. Two facilities that we own (Rensselaer & Limerick) are included. The Dublin, Basking Ridge, Washington, D.C. and Uxbridge sites are excluded, as Regeneron is a tenant at these sites. Our Tarrytown & Sleepy Hollow sites are also excluded, as the measurement of discharge quality is not required prior to reaching the municipal wastewater treatment plant. Water discharge quality is measured & monitored using onsite systems, which relates directly to our operations.
Water discharge quality – temperature	26-50	Water discharge quality (temperature) is regularly measured and monitored on a continual basis. The method of measurement for water discharge temperature is the wastewater treatment systems at our manufacturing sites. We measure this relevant water aspect to ensure that our water discharges have at least the same quality as the water that was sourced, and to comply with applicable regulations set forth by the Irish EPA, USEPA, and local sewer agencies. Two facilities that we own (Rensselaer & Limerick) are included. The Dublin, Basking Ridge, Washington, D.C. and Uxbridge sites are excluded, as Regeneron is a tenant at these sites. Our Tarrytown & Sleepy Hollow sites are also excluded, as the measurement of discharge quality is not required prior to reaching the municipal wastewater treatment plant. Water discharge quality is measured & monitored using onsite systems, which relates directly to our operations.
Water consumption – total volume	100%	Water consumption (total volume) is estimated on a monthly basis. The method of measurement for our withdrawals is through onsite water meters, and we assume a 5% consumption rate for withdrawals based on our operations. We measure this relevant water aspect so that we can understand how the company's growth & operational changes affect our water consumption and identify opportunities to decrease our water usage. All facilities within our operational control are included (none are excluded). Water withdrawals are directly measured using onsite water meters (which relates directly to our operations), and consumption is estimated to be 5% of withdrawals.
Water recycled/reused	Not relevant	Our business withdraws water only from third-party sources, and water is discharged only to municipal facilities. Therefore, measurement of recycled/reused water is currently not relevant. However, this water aspect may potentially be relevant in the future. Our manufacturing facilities are engaged in a water mapping and stewardship program to better understand site water usage. One of the main goals of this program is to identify potential water recycling, reuse, and other efficiency opportunities for support functions, which could utilize recycled/reused water.
The provision of fully-functioning, safely managed WASH services to all workers	100%	Regeneron monitors this aspect on a continual basis. Our Facilities and EH&S teams ensure that WASH services are provided at all facilities. We monitor this aspect because WASH services are essential in our direct operations, which involve research and manufacturing activities. All facilities within our operational control are included (none are excluded). The provision of fully-functioning, safely managed WASH services is monitored & maintained onsite, which relates directly to our operations.

**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	2054	Higher	In 2020, total withdrawals were 2,054 megaliters compared to 1,952 megaliters in 2019. This represents a 5% increase. Total withdrawals are slightly higher this year, despite the pandemic. This is due to company growth, particularly at our manufacturing facilities in Rensselaer, New York and Limerick, Ireland. Future withdrawals are anticipated to increase slightly when comparing all sites reported this year to future reporting of the same sites. This potential increase is anticipated because of the company's expansion, both in headcount and square footage, to accommodate operational needs.
Total discharges	1951	Higher	In 2020, total discharges were 1,951 megaliters compared to 1,854 megaliters in 2019. This represents a 5% increase. Total discharges are slightly higher this year, despite the pandemic. This is due to company growth, particularly at our manufacturing facilities in Rensselaer, New York and Limerick, Ireland. Future discharges are anticipated to increase slightly when comparing all sites reported this year to future reporting of the same sites. This potential increase is anticipated because of the company's expansion, both in headcount and square footage, to accommodate operational needs. Regeneron sends all non-hazardous wastewater to municipal wastewater treatment plants, which is estimated to be 95% of withdrawals. This assumption is based on water consumed for manufacturing, food preparation and drinking.
Total consumption	103	Higher	This figure is based on a company-wide calculation using withdrawals minus discharges. Based on our operations, water consumption is estimated to be 5% of total water withdrawals. Total consumption is slightly higher this year, despite the pandemic. This is due to company growth, particularly at our manufacturing facilities in Rensselaer, New York and Limerick, Ireland. Future volumes are anticipated to increase slightly when comparing all sites reported this year to future reporting of the same sites. This potential increase is anticipated because of the company's expansion, both in headcount and square footage, to accommodate operational needs.

**W1.2d**

**(W1.2d) Indicate whether water is withdrawn from areas with water stress and provide the proportion.**

	Withdrawals are from areas with water stress	% withdrawn from areas with water stress	Comparison with previous reporting year	Identification tool	Please explain
Row 1	Yes	1-10	About the same	WRI Aqueduct	The percentage of water withdrawn from areas with water stress is about the same as the previous reporting year. The WRI Aqueduct tool was applied to evaluate whether water has been withdrawn from water-stressed areas. Regeneron's water risk was assessed based on seven water risk layers and a non-weighted average of those risks. The water withdrawals at all sites were evaluated against these identified risks to determine which sites have the most significant negative contribution to local water risks. The baseline water stress measures the ratio of total annual water withdrawals to total available annual renewable supply, accounting for upstream consumptive use. Higher values indicate more competition among users. To measure the proportion of Regeneron's total withdrawals from water-stressed areas, the sites with a baseline water stress equal to or greater than 40% were identified. The water withdrawals of those identified sites were summed and divided by the company's total water withdrawals. Regeneron's proportion of total withdrawals sourced from water stressed areas is minimal, as it is less than 10%.

**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	Not relevant	<Not Applicable>	<Not Applicable>	Withdrawals from fresh surface water are not relevant because our facilities source all water for direct operations from third-party sources (local municipalities). In the short-term (0-3 years), we do not anticipate any changes in withdrawals of fresh surface water, as we do not expect to utilize rainwater or grey water for our processes or change the source of our water withdrawals.
Brackish surface water/Seawater	Not relevant	<Not Applicable>	<Not Applicable>	Brackish surface water/Seawater is not relevant to Regeneron because we do not withdraw water directly from brackish surface water/seawater sources. All our water withdrawals come from third-party sources (local municipalities). In the future, we do not anticipate any changes in water withdrawals from this source.
Groundwater – renewable	Not relevant	<Not Applicable>	<Not Applicable>	Renewable groundwater is not relevant to Regeneron because we do not withdraw water directly from renewable groundwater sources. All our water withdrawals come from third-party sources (local municipalities). In the future, we do not anticipate any changes in water withdrawals from this source.
Groundwater – non-renewable	Not relevant	<Not Applicable>	<Not Applicable>	Non-renewable groundwater is not relevant to Regeneron because we do not withdraw water directly from non-renewable groundwater sources. All our water withdrawals come from third-party sources (local municipalities). In the future, we do not anticipate any changes in water withdrawals from this source.
Produced/Entrained water	Not relevant	<Not Applicable>	<Not Applicable>	Produced/entrained water is not relevant to Regeneron because we do not withdraw water directly from produced/entrained sources. All our water withdrawals come from third-party sources (local municipalities). In the future, we do not anticipate any changes in water withdrawals from this source.
Third party sources	Relevant	2054	Higher	Water withdrawals from third-party sources are relevant because all the company's water withdrawals come from third-party sources (local municipalities). Third-party sources will be relevant in the future, as we anticipate that we will continue to withdraw essentially all our water from third-party sources. The slight increase in water withdrawals is due to operational growth in 2020, particularly at our manufacturing locations. Given the developments with REGEN-COV and continued production of necessary treatments, our total water withdrawals from the municipal supply is slightly higher than the previous reporting year. Future volumes are anticipated to increase due to the company's growth in accommodation of operational needs.

**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	Not relevant	<Not Applicable>	<Not Applicable>	Discharges to fresh surface water are not relevant to Regeneron because all water discharges go to municipal wastewater treatment plants. This destination will not be relevant in the future, as we will continue to discharge all wastewater to municipal wastewater treatment plants.
Brackish surface water/seawater	Not relevant	<Not Applicable>	<Not Applicable>	Discharges to brackish surface water/seawater are not relevant to Regeneron because all water discharges go to municipal wastewater treatment plants. This destination will not be relevant in the future, as we will continue to discharge all wastewater to municipal wastewater treatment plants.
Groundwater	Not relevant	<Not Applicable>	<Not Applicable>	Discharges to groundwater sources are not relevant to Regeneron because all water discharges go to municipal wastewater treatment plants. This destination will not be relevant in the future, as we will continue to discharge all wastewater to municipal wastewater treatment plants.
Third-party destinations	Relevant	1951	Higher	Discharges to third-party destinations are relevant, as Regeneron sends all non-hazardous wastewater to municipal wastewater treatment plants. Based on the amount of water consumed for manufacturing, food preparation and drinking, we estimate water discharges to be 95% of withdrawals. The slight increase in water discharges is due to operational growth in 2020, particularly at our manufacturing locations. Given the developments with REGEN-COV and continued production of necessary treatments, our total water discharges to the municipal supply are slightly higher than the previous reporting year. In the future, third-party destinations will be relevant, as we will continue to discharge all wastewater to municipal wastewater treatment plants. Future volumes are anticipated to increase due to the company's growth in accommodation of operational needs.

**W1.2j**

**(W1.2j) Within your direct operations, indicate the highest level(s) to which you treat your discharge.**

	Relevance of treatment level to discharge	Volume (megaliters/year)	Comparison of treated volume with previous reporting year	% of your sites/facilities/operations this volume applies to	Please explain
Tertiary treatment	Not relevant	<Not Applicable>	<Not Applicable>	<Not Applicable>	None of our sites perform tertiary treatment to water discharges.
Secondary treatment	Not relevant	<Not Applicable>	<Not Applicable>	<Not Applicable>	None of our sites perform secondary treatment to water discharges.
Primary treatment only	Relevant	754	Higher	11-20	Our manufacturing site in Limerick, Ireland applies primary treatment to water discharges.
Discharge to the natural environment without treatment	Not relevant	<Not Applicable>	<Not Applicable>	<Not Applicable>	Regeneron does not discharge water to the natural environment, but rather to third-party municipalities/wastewater treatment plants. Therefore, discharge to the natural environment is not relevant to our business.
Discharge to a third party without treatment	Relevant	1197	About the same	81-90	All of Regeneron's sites, with the exception of Limerick, discharge water directly to third-party municipalities without primary, secondary, or tertiary treatment. Our Rensselaer site performs pre-treatment (rather than primary), which involves pH balancing and heat tempering. Total discharges to a third-party without treatment are about the same as the previous reporting year. For these sites, we anticipate future discharges to increase due to operational needs from company growth.
Other	Not relevant	<Not Applicable>	<Not Applicable>	<Not Applicable>	There are no additional treatment levels applicable to our business.

**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?**

Regeneron engages with municipalities & local government agencies, who are key partners in the company's value chain. The organization's rationale for prioritizing engagements with these partners in the value chain is to ensure that our sites are receiving sufficient high-quality water supplies, as they are essential for our research activities and production of pharmaceutical drugs. The strategy for prioritizing engagements with these partners involves monthly communication between key members of our Facilities and EH&S teams & these partners to meet local and regional compliance requirements for the quality of our water discharges and ensure that we are withdrawing and discharging water at an acceptable quantity and quality.

The company's strategy to prioritize engagements with additional partners in the value chain, such as stakeholders, involves the communication of our water-related initiatives in public reports & submissions. We implement strategic initiatives to ensure that we are reducing our impact in water-stressed areas and communicate these efforts to important stakeholders. Additionally, we engaged stakeholder groups as part of the Company's materiality assessment, which included water-related matters and other environmental issues, to evaluate the significance of various factors to stakeholders and to our business success.

Engagement success is measured and achieved by meeting compliance requirements and receiving positive feedback from our stakeholders regarding our initiatives to reduce water-related impacts.

W2. Business impacts

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W2.1

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

No

W2.2

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**(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

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W3.3

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

Yes, water-related risks are assessed

W3.3a

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(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 part of other company-wide risk assessment system

**Frequency of assessment**

Annually

**How far into the future are risks considered?**

More than 6 years

**Type of tools and methods used**

Tools on the market

**Tools and methods used**

WRI Aqueduct

**Comment**

**Supply chain**

**Coverage**

Full

**Risk assessment procedure**

Water risks are assessed as part of other company-wide risk assessment system

**Frequency of assessment**

Annually

**How far into the future are risks considered?**

More than 6 years

**Type of tools and methods used**

Tools on the market

**Tools and methods used**

WRI Aqueduct

**Comment**

**Other stages of the value chain**

**Coverage**

Full

**Risk assessment procedure**

Water risks are assessed as part of other company-wide risk assessment system

**Frequency of assessment**

Annually

**How far into the future are risks considered?**

More than 6 years

**Type of tools and methods used**

Tools on the market

**Tools and methods used**

WRI Aqueduct

**Comment**

**W3.3b**

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**(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 at the basin/catchment level is relevant and always included in our risk assessment because Regeneron requires a sufficient supply of high quality water from local municipalities to perform research and manufacture drug products. This contextual issue is relevant to our business, as we require an adequate water supply from the local municipalities to feed our critical systems and support direct operations. Water availability at the basin/catchment level is monitored and maintained by the Facilities and EH&S groups. Regeneron uses inline filtration and a building management system to identify the frequency of filtration changes and/or preventative maintenance required to ensure water is distributed to critical systems. Additionally, Regeneron uses the WRI Aqueduct tool in its annual water risk assessment. This assessment evaluates the water withdrawals at all sites against several water risk layers to determine which sites have the most significant negative contribution to local water risks. This contextual issue is considered primarily upstream in our value chain and within direct operations. This issue is particularly relevant for our research and manufacturing activities, so both current and emerging issues are included in this risk assessment process.
Water quality at a basin/catchment level	Relevant, always included	Water quality at the basin/catchment level is relevant and always included in our risk assessment because Regeneron requires a sufficient supply of high quality water from local municipalities to perform research and manufacture drug products. This contextual issue is relevant to our business, as we require a high quality water supply to feed our critical systems and support direct operations. Water quality at the basin/catchment level is monitored and maintained externally by the municipalities, and internally by Facilities and EH&S groups. Regeneron uses inline filtration and a building management system to identify the frequency of filtration changes and/or preventative maintenance required to ensure that high quality water is distributed to critical systems. Additionally, Regeneron uses the WRI Aqueduct tool in its annual water risk assessment. This assessment evaluates the water withdrawals at all sites against several water risk layers to determine which sites have the most significant negative contribution to local water risks. This contextual issue is considered primarily upstream in our value chain and within direct operations. This issue is particularly relevant for our research and manufacturing activities, so both current and emerging issues are included in this risk assessment process.
Stakeholder conflicts concerning water resources at a basin/catchment level	Relevant, sometimes included	Currently, Regeneron is not involved with any stakeholder conflicts concerning water resources at the local level, as the business has not encountered any issues to date. This contextual issue is relevant to our business because our future ability to secure water sources to research, manufacture, and test our products could be affected in the event of a stakeholder conflict. We engage the Company's stakeholders as part of our periodic materiality assessment, which includes water-related matters and other environmental issues, to evaluate how significant these issues are to stakeholders and to our business. We also have frequent communication with the municipalities to assess and discuss any potential stakeholder conflicts concerning water resources. We monitor local water risks and adhere to industry best practices for water use to avoid potential conflicts. We plan to continue monitoring water-related risks in the areas where we operate, limit water withdrawals in "high risk" areas, and maintain compliance with industry standards. Additionally, Regeneron uses the WRI Aqueduct tool in its annual water risk assessment. This assessment evaluates the water withdrawals at all sites against several water risk layers to determine which sites have the most significant negative contribution to local water risks.
Implications of water on your key commodities/raw materials	Relevant, always included	The implications of water on key commodities/raw materials are relevant and always included in our risk assessment because Regeneron requires timely reception of key commodities for research and manufacturing activities. This contextual issue is relevant because the key commodities necessary for our operations are often unique in material content and require careful handling and transportation. Any interruption in the supply of these materials or reduction in quality due to water implications may negatively impact our business. The inability to source these materials at the required quality & quantity may result in financial impacts, and potential interruptions in the Company's ability to produce pharmaceutical drugs. This issue is considered for all stages of our value chain due to its relevance to the business and is particularly important for research and manufacturing activities. Regeneron uses the WRI Aqueduct tool in its annual water risk assessment. This assessment evaluates the water withdrawals at all sites against several water risk layers to determine which sites have the most significant negative contribution to local water risks. Both current and emerging issues are included in this risk assessment process.
Water-related regulatory frameworks	Relevant, always included	Water-related regulatory frameworks are relevant and always included in our risk assessment because Regeneron must obtain water permits from the EPA and adhere to local and federal water regulations. This contextual issue is relevant to our business because Regeneron tracks potential changes to current regulatory frameworks under which it operates to assess the potential impacts on operations. This issue is primarily covered in direct operations and is relevant to all of our current and future sites. Additionally, Regeneron uses the WRI Aqueduct tool in its annual water risk assessment. This assessment evaluates the water withdrawals at all sites against several water risk layers to determine which sites have the most significant negative contribution to local water risks. Both current and emerging issues are included in this risk assessment process.
Status of ecosystems and habitats	Relevant, always included	The status of ecosystems and habitats is relevant and always included in our risk assessment because Regeneron is committed to operating safely and responsibly while preserving local ecosystems. This contextual issue is relevant to our business because we must comply with local and federal regulations regarding the protection of wetlands and other sensitive ecosystems. Also, Regeneron seeks to achieve LEED certification on new construction projects, which requires ecosystem conservation. This issue is primarily covered in direct operations and is relevant to all of our current and future sites. Additionally, Regeneron uses the WRI Aqueduct tool in its annual water risk assessment. This assessment evaluates the water withdrawals at all sites against several water risk layers to determine which sites have the most significant negative contribution to local water risks. Both current and emerging issues are included in this risk assessment process.
Access to fully-functioning, safely managed WASH services for all employees	Relevant, always included	Access to WASH services for all employees is relevant and always included in our risk assessment because these services are essential in the research and manufacturing environments. This contextual issue is relevant to our business, as it directly relates to our operations and the ability to keep employees safe while continuing to research and manufacture drug products for patients in need. This issue is primarily covered in direct operations, and is relevant to all of our current and future sites. Additionally, Regeneron uses the WRI Aqueduct tool in its annual water risk assessment. This assessment evaluates the water withdrawals at all sites against several water risk layers to determine which sites have the most significant negative contribution to local water risks. Both current and emerging issues are included in this risk assessment process.
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	Customers are relevant and always included in Regeneron's water-related risk assessment because water availability is necessary to provide medications to our end customers, patients. Regeneron's mission is to improve the lives of patients with serious medical conditions through life-transforming medicines. Patients are current and future stakeholders, and are relevant to our business because we perform research and manufacture drug products, and ensure that they have affordable access to our treatments. The methods of engaging patients and their advocates include direct engagement through materiality assessments, and indirect engagement through disclosures in the Company's annual Responsibility Report. We ensure that our customers are informed of our water-related initiatives and impacts, and our risk assessment & response processes ensure that we have sufficient quantities of high-quality water to provide the best quality products to our customers. This stakeholder is covered for all stages of our value chain and is relevant in all aspects of the business.
Employees	Relevant, always included	Employees are relevant and always included in Regeneron's water-related risk assessment, as access to clean water is critical to the health and safety of our employees. This stakeholder is important to our business because we would not be able to research and manufacture our drug products and improve the lives of patients without our employees. This current and future stakeholder is relevant to our business, as employees directly influence our operations and our ability to provide product to patients. The methods of engaging employees include direct involvement in our risk assessment process (primarily the Facilities and EH&S teams). Indirect engagement occurs through the Company's internal and external communications (e.g. company intranet, annual Responsibility Report).
Investors	Relevant, always included	Investors are relevant and always included in Regeneron's water-related risk assessment because they request information regarding operational processes and are interested in the Company's responsible practices. Investors are relevant to our business because they are an essential source of investment in our research and manufacturing activities. The methods of engaging our investors include direct engagement through quarterly discussions and periodic materiality assessments. Investors are directly involved in our risk assessment process and are interested in the outcomes. Indirect engagement with investors is through public disclosures of the Company's environmental performance (e.g. CDP, annual Responsibility Report). This current and future stakeholder is relevant, as their investment in Regeneron allows us to facilitate our business growth.
Local communities	Relevant, always included	Local communities are relevant and always included in Regeneron's water-related risk assessment because we seek to preserve local ecosystems and maintain the health and well-being of the communities in which we operate. This stakeholder is important to our business because we depend on local communities for financial, built, human, natural, and social capital. The methods of engaging our local communities include frequent communication with local municipalities, water treatment facilities, and utility providers regarding our operations. Indirect engagement occurs through public disclosures of the Company's environmental performance (e.g. CDP, annual Responsibility Report). This current and future stakeholder is relevant, as we include the local communities in our building design and construction decisions to reduce water consumption and filter water discharges. This stakeholder is covered for all stages of our value chain and is relevant in all aspects of the business.
NGOs	Relevant, always included	NGOs are relevant and always included in Regeneron's water-related risk assessment because we directly engage with local NGOs to advance sustainable water sourcing in the local communities where we operate. The method of engaging NGOs involves direct engagement on our environmental sustainability strategies to reduce water consumption and improve process efficiency, and indirect engagement through public disclosures of the Company's environmental performance (e.g. CDP, annual Responsibility Report). This current and future stakeholder is relevant, as our engagements with NGOs directly affect Regeneron's water-related initiatives. Our water-related risk assessment includes NGOs in the process of assessing potential water risks due to facility expansions and acting to reduce and manage those risks. This stakeholder is covered in all stages of our value chain and is relevant particularly to direct operations.
Other water users at a basin/catchment level	Relevant, always included	Other water users at the basin level are relevant and always included in Regeneron's water-related risk assessment, as we seek to ensure that our operations do not prevent other water users from receiving sufficient quantities of high-quality water for their operations. This stakeholder is relevant to our business because we directly engage with other water users when expanding our facilities & processes to ensure that our operations do not impose negative impacts on those users. The method of engaging other water users at the basin level is through direct involvement in our water-related risk assessment, as we include them in our evaluation of potential water risks due to facility expansions. This stakeholder is covered for all stages of our value chain and is relevant in all aspects of the business.
Regulators	Relevant, always included	Regulators are relevant and always included in Regeneron's water-related risk assessment because we must adhere to all applicable regulations and standards. The method of engaging regulators involves frequent discussion with relevant State and Local authorities to partner in local sustainability efforts and ensure compliance with regulations. This current and future stakeholder is relevant, as our compliance with local standards directly affects our ability to operate and motivates us to implement processes that further our commitment to responsibility. When conducting our water-related risk assessment, we engage regulators to ensure that our risks are identified and mitigated prior to implementing new initiatives or expanding operations. This stakeholder is covered in all stages of our value chain and is relevant in all aspects of the business.
River basin management authorities	Not relevant, included	River basin management authorities are not relevant but are included in our water-related risk assessment. In 2020, Regeneron used the WRI Aqueduct tool to assess water risks at the river basin level. Our risk analysis did not show any significant threats to the local water supply in the New York or Ireland areas where the majority of our water is withdrawn for key operations. Therefore, the inclusion of river basin management authorities in our risk assessment is not relevant, as no significant threats were identified that would necessitate engagement with this stakeholder. These risks were included in our assessment to facilitate future consideration of the stakeholder.
Statutory special interest groups at a local level	Relevant, always included	Statutory special interest groups are relevant and always included in Regeneron's water-related risk assessment as necessary to protect the local watershed in areas where we operate. The method of engaging statutory special interest groups involves collaboration to preserve the health and longevity of the communities in which we operate. This current and future stakeholder is relevant, as these groups influence decisions that we make regarding water-related initiatives. This stakeholder is covered in all stages of our value chain and is relevant in all aspects of the business.
Suppliers	Relevant, always included	Suppliers are relevant and always included in Regeneron's water-related risk assessment because Regeneron understands that its suppliers also rely on freshwater for manufacturing and delivering raw materials and products. This stakeholder is important to our business because we depend on suppliers to provide us with the highest quality products for our research and manufacturing activities. This current & future stakeholder is relevant, as our business functions regularly monitor suppliers' financial and operational stability by assessing various criteria. The method of engagement involves conducting supplier assessments that concentrate on meeting or exceeding applicable good practices and complying with other federal, state and local regulatory requirements. We also engage with them directly through periodic materiality assessments, and indirectly through the Company's public disclosures of environmental performance (e.g. CDP, annual Responsibility Report). This stakeholder is covered in both the upstream and downstream portions of our value chain and is relevant in all aspects of the business.
Water utilities at a local level	Relevant, always included	Water utilities at a local level are relevant and always included in Regeneron's water-related risk assessment because we source all our water from the local municipalities in which we operate. The method of engaging water utilities involves frequent communication & discussion with representatives from those utilities to ensure that we are sourcing sufficient quantities of high-quality water, and that our metering systems are fully functional. This current and future stakeholder is relevant, as local municipalities provide us with water supplies and our discharges enter municipal wastewater treatment plants. This stakeholder is also relevant because we engage with utilities on any sourcing-related issues as well as opportunities to implement new initiatives, such as installing updated technologies. When conducting our water-related risk assessment, we involve water utilities to ensure that our risks are identified and mitigated prior to implementing new initiatives or expanding operations. This stakeholder is covered in all stages of our value chain and is relevant in all aspects of the business.
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.**

Regeneron's process for identifying & assessing water-related risks within its operations and value chain involves the use of the WRI Aqueduct tool. The time horizon considered is long-term, which is more than 6 years into the future. Water security, depletion, stress, regulatory risk, & reputational risk are evaluated for our business within this tool. Based on the results of the WRI Aqueduct assessment, risks that are identified as "high" are considered high priority items to mitigate and/or eliminate. Key internal stakeholders (Facilities and EH&S) as well as external stakeholders (local municipalities) discuss these "high" risk factors and prioritize them accordingly. Those risks that affect our research and development site and two manufacturing locations are deemed immediate priority. Then, among those immediate priority risks, those that affect our ability to source adequate amounts of high-quality fresh water for our operations become first priority action items.

To respond to these risks, we engage with key internal and external stakeholders in the upstream and direct operations stages of the value chain because these stages have the greatest & most direct influence on the company's operations & its ability to produce high quality drug products. Stakeholders in these stages of the value chain are included in the decision-making process for responding to the risks identified in the WRI Aqueduct tool, and directly influence the water-related initiatives that Regeneron pursues. These stakeholders ensure that 1) all risks are prioritized and 2) there is consensus to collaborate and implement strategies to reduce these risks. To respond and mitigate these risks, the Facilities and EH&S teams are primarily responsible for developing feasible solutions and implementing initiatives accordingly, maintaining compliance with regulations and consulting external stakeholders when necessary.

**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?**

No

**W4.1a**

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

All corporate risks are identified and assessed using Business Impact Analysis (BIA) criteria, which are used company-wide to determine the magnitude of the impact to the company over the long-term horizon. The BIA criteria are written and re-evaluated at least two times per year by a collaborative effort between the Real Estate and Facilities Management department, Security, and EH&S. The four impact criteria include financial materiality, compliance, operational and competitive edge, and shareholder/stakeholder confidence value. These impacts are rated on a scale with six levels: very low, low, medium, high, very high and extreme. Climate and water-related risks are identified and assessed within these BIA criteria. A risk with a substantive financial or strategic impact would be rated on that scale as medium, high, very high, or extreme. A substantive financial impact of a climate or water-related risk would have a cost impact greater than \$50 million, and would receive a BIA rating of medium, high, very high or extreme. An example of this would be the magnitude of additional operational expenses incurred because of a climate-related disaster. Other substantive financial and strategic impacts from climate and water-related risks could include the loss of a sole source production line or an interruption to the R&D pipeline, which could result in a loss of revenue over \$50 million.

Additionally, our Responsibility Committee conducts materiality assessments every 3-to-5 years to identify & evaluate climate and water-related risks based on their significance to stakeholders and to the business. The committee engages with senior leaders and external stakeholder groups to prioritize the responsibility issues with potential substantive financial or strategic impact to the business.

**W4.2b**

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

	Primary reason	Please explain
Row 1	Risks exist, but no substantive impact anticipated	This year, Regeneron continued its ongoing process to evaluate water risks using the WRI Aqueduct tool. We plan to repeat this evaluation on an annual basis. The tool provides us with valuable information about future water stress, seasonal variability, water supply, and water demand in the areas where we operate. The ability to source adequate amounts of high-quality fresh water is at the utmost importance to our business. Based on the results of the WRI Aqueduct assessment, risks of major disruptions in our ability to source enough high-quality fresh water for our operations are not very likely, particularly for our research and manufacturing locations. The water depletion class is low for the areas in which our research and development facility and two manufacturing facilities are located. Additionally, the overall water risk is rated low to medium for these facilities. Given that we source all our water from the local municipalities in which we operate, the low water depletion risk and low to medium overall water risk also apply to these partners in the value chain. These risks are not projected to change. Therefore, we acknowledge that risks exist, but no substantive impact is anticipated. Contingency plans are developed as we expand, and we assess our existing operations to minimize any potential risks.

**W4.2c**

**(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	Risks exist, but no substantive impact anticipated	Based on the results of the WRI Aqueduct assessment, the water depletion risk is low and the overall water risks are rated low to medium for the areas in which our research and development facility and two manufacturing facilities are located. Given that we source all our water from the local municipalities in which we operate, the low water depletion risk and low to medium overall water risk also apply to these partners in the value chain. These risks are not projected to change. Therefore, we acknowledge that risks exist, but no substantive impact is anticipated. The partners in our value chain from which we source water have not identified any present or future risks that would have a substantial impact to our business. Additionally, we have not identified any single-source unaffiliated third-party suppliers with risks that currently have a substantive impact on our business.

**W4.3**

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**(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**

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

**Type of opportunity**

Efficiency

**Primary water-related opportunity**

Improved water efficiency in operations

**Company-specific description & strategy to realize opportunity**

Improving water efficiencies is strategic to our company because it will allow for better use of water supplies and potentially significant cost savings. The action that Regeneron is taking to realize this opportunity includes investing in equipment to sub-meter water consumption at all our owned locations. This opportunity is strategic for our company because it will give us insight on our water consumption at a more granular level, which will help identify areas where withdrawals can be reduced. An example of this strategy in action includes targeting strategic initiatives as a result of installing sub-meters at a process level. This may reduce our water withdrawals from water intensive processes, produce cost savings, and improve cost management.

**Estimated timeframe for realization**

1 to 3 years

**Magnitude of potential financial impact**

Low

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

Yes, a single figure estimate

**Potential financial impact figure (currency)**

1000000

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

<Not Applicable>

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

<Not Applicable>

**Explanation of financial impact**

The financial impact represents the estimated sum of monetary savings from reduced water withdrawals and discharge bills due to fixture upgrades. The total decrease in water withdrawals as a result of implementing water-efficiency projects was multiplied by the average dollar amount paid per unit of water sourced to calculate the financial impact.

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**Type of opportunity**

Efficiency

**Primary water-related opportunity**

Cost savings

**Company-specific description & strategy to realize opportunity**

Improving water efficiencies is strategic to our company because it will allow for potentially significant cost savings. The action that Regeneron is taking to realize this opportunity includes investing in equipment to sub-meter water consumption at all our owned locations. This opportunity is strategic for our company because it will give us insight on our water consumption at a more granular level, which will help identify areas where withdrawals can be reduced. An example of this strategy in action includes targeting strategic initiatives as a result of installing sub-meters at a process level. This may reduce our water withdrawals from water intensive processes, produce cost savings, and improve cost management.

**Estimated timeframe for realization**

1 to 3 years

**Magnitude of potential financial impact**

Low

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

Yes, a single figure estimate

**Potential financial impact figure (currency)**

2000000

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

<Not Applicable>

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

<Not Applicable>

**Explanation of financial impact**

The financial impact was calculated by summing the financial errors in billing and consumption data at the utility level.

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**W6. Governance**

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**W6.1**

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

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

**W6.1a**

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

	Scope	Content	Please explain
Row 1	Company-wide	<p>Description of business dependency on water</p> <p>Description of business impact on water</p> <p>Description of water-related performance standards for direct operations</p> <p>Description of water-related standards for procurement</p> <p>Reference to international standards and widely-recognized water initiatives</p> <p>Company water targets and goals</p> <p>Commitment to align with public policy initiatives, such as the SDGs</p> <p>Commitments beyond regulatory compliance</p> <p>Commitment to water-related innovation</p> <p>Commitment to stakeholder awareness and education</p> <p>Commitment to water stewardship and/or collective action</p> <p>Recognition of environmental linkages, for example, due to climate change</p>	<p>Regeneron's Policy on Environment, Health &amp; Safety acknowledges local, regional, and global environmental impacts. This policy clearly states a company-wide, global commitment to minimize the use of natural resources and conserve water, as these issues are increasingly important to our business. Regeneron's Code of Business Conduct also indicates the company's commitment to water stewardship. It states that our responsibility to protect the environment is a critical aspect of conducting business ethically. We seek to comply with all environmental laws and regulations, and are committed to minimizing risks, such as water depletion, that could negatively impact our community or the environment. Our Vendor Code describes our water standards for procurement, as it specifically indicates that our vendors are expected to have systems in place to ensure the safe handling, movement, storage, recycling, reuse or management of wastewater discharges. Additionally, our Responsibility Report details our water-related goal, which applies company-wide. Our goal is to improve water efficiencies by implementing a global water mapping strategy and water stewardship program. We also align our efforts with UN Water and the "Responsible Consumption and Production" goal of the UN SDGs, as we recognize the linkages between water-related issues and climate change impacts. Our strategy to operate responsibly includes reducing water withdrawals and decreasing water-related risks at all locations. The purpose of our policy is to affirm our commitment to ensuring water stewardship and compliance with regulations at all sites, describe our water standards and company targets, and align our practices with the UN SDGs for internal and external stakeholders. The scope of the policy includes company-wide operations because we strive to maintain consistency in our commitments, performance objectives, and strategies across all sites.</p>

**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
Chief Executive Officer (CEO)	<p>The Chief Executive Officer has overall responsibility for Environmental, Social and Governance (ESG) and climate-related matters, which together comprise corporate responsibility at Regeneron. Regeneron has formalized and delegated board oversight of responsibility for ESG and climate-related matters to the Corporate Governance and Compliance Committee, which directly reports to the Board of Directors. The CEO is a Director on the Board and engages with the Corporate Governance and Compliance Committee on ESG and climate-related issues. The Corporate Governance and Compliance Committee oversees the Company's key corporate responsibility initiatives, including those expected to have a significant impact on the Company's ability to deliver sustained growth; and conduct a periodic review of ESG matters pertaining to the Company. The outcomes of these meetings are presented to the Board of Directors and CEO. One example of a water-related decision made by the CEO was the provision of feedback and approval of the Company's water goal, which is to improve water efficiencies by implementing a global water mapping strategy and water stewardship program.</p>

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 Overseeing major capital expenditures Reviewing and guiding business plans Reviewing and guiding major plans of action Reviewing and guiding strategy Reviewing and guiding corporate responsibility strategy Reviewing innovation/R&D priorities Setting performance objectives	The Regeneron Board of Directors formalized and delegated oversight of Environmental, Social and Governance (ESG) and climate-related matters to the Corporate Governance and Compliance Committee (CGCC). This Committee meets five times a year to review & monitor major business plans, all significant company governance matters, and overarching strategies to address climate and water-related risks and opportunities. This Committee reports directly to the Board of Directors. The CEO, a member of the Board of Directors, has overall responsibility for ESG and climate-related matters. The Board of Directors and CEO review, provide feedback, and approve climate-related items discussed by the CGCC, such as climate-related scenario analysis (e.g. Task Force on Climate-related Financial Disclosures, or TCFD), materiality assessments, and our global corporate responsibility goals.

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)**

Corporate responsibility committee

**Responsibility**

Both assessing and managing water-related risks and opportunities

**Frequency of reporting to the board on water-related issues**

Annually

**Please explain**

Regeneron's Responsibility Committee, comprised of top-level cross-functional business leaders, reports to the Board of Director's Corporate Governance and Compliance Committee. The Responsibility Committee oversees and is accountable for global, climate-related goals and metrics. The associated responsibilities of the committee members include monitoring and assessing climate-related risks and opportunities, spearheading the development of company-wide environmental targets, and identifying individuals with the appropriate skill sets and operational responsibility (primarily within the Environment, Health & Safety (EH&S) and Facilities teams) to respond to climate and water-related risks and opportunities. Climate and water-related issues are monitored through business continuity risk evaluations as well as the Company's Task Force on Climate-related Financial Disclosure (TCFD) assessment.

W6.4

(W6.4) Do you provide incentives to C-suite employees or board members for the management of water-related issues?

	Provide incentives for management of water-related issues	Comment
Row 1	No, and we do not plan to introduce them in the next two years	

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?**

Yes (you may attach the report - this is optional)

2020 REGN Responsibility Report.pdf

**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	11-15	The water-related issues that are integrated into our long-term business objectives include the quantity and quality of water withdrawals, as well as the quality of our discharges. An example of how these issues are integrated into long-term business objectives is our commitment to install low-flush and low-flow fixtures in renovations and new construction projects at our campuses. Additionally, we created a company-wide goal to improve water efficiencies by implementing a global water mapping strategy and water stewardship program by 2025. To pursue these long-term objectives, our manufacturing sites are reviewing efficiency measures for the WFI (water for injection) systems to economize process water. As another example, one of our manufacturing facilities performed an assessment to determine 1) the wastewater generation expected at full operational capacity and 2) the process water purification necessary for the wastewater to meet all regulatory compliance for discharge into the sanitary supply. These efforts all support our long-term objectives of conserving water while maintaining operational needs, complying with all applicable regulations, and progressing towards our company-wide water goal. The time horizon chosen is the most reasonable period for which we can sufficiently create strategic business plans.
Strategy for achieving long-term objectives	Yes, water-related issues are integrated	11-15	The water-related issues that are integrated into our strategy for achieving long-term business objectives include the quantity and quality of water withdrawals, as well as the quality of our discharges. As an example of integrating water-related issues into the strategy for achieving long-term objectives, the Facilities and EH&S groups identify gaps in process efficiency and areas where water withdrawals can be reduced. This strategy involves implementing a standardized procedure, modelling the procedure against a baseline, confirming results, and establishing a business case for an appropriate solution. Next steps are to present the business case, gain project approval, implement the project, and complete a perpetual cycle of 1) track and measure performance, 2) re-evaluate as necessary, and 3) modify the affected system as necessary. The time horizon chosen is the most reasonable period for which we can sufficiently create strategic business plans.
Financial planning	Yes, water-related issues are integrated	11-15	The water-related issues that are integrated into our financial planning include the quantity of water withdrawals, as well as the quantity and quality of our discharges. As an example of how these issues are integrated into financial planning, water reduction activities are incorporated into plans for growth to save money long-term. As another example, we consider the quantity and cost of water withdrawals when selecting appliances and process equipment for facility expansions, particularly with our two manufacturing sites and research & development facility. We ensure that the appropriate equipment is chosen early in the financial planning process so that we continue to be responsible in our water consumption & discharge.

**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)**

5

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

10

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

5

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

10

**Please explain**

Regeneron's water-related CAPEX remained about the same compared to the previous reporting year, as the budget dedicated to water-related appliances for new construction and major renovation projects increased only slightly for one of our office sites. Regeneron's water-related OPEX increased 5% compared to the previous reporting year. This change in water-related expenditure reflects the company-wide increase in water withdrawals from 2019 to 2020, primarily due to operational changes and growth at our manufacturing facilities. The anticipated forward trend for both CAPEX and OPEX is estimated at 10% due to company growth.

**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	We utilize the WRI Aqueduct and TCFD assessments to inform our business strategy. For the WRI Aqueduct analysis, Regeneron's water risk is assessed based on seven risk layers and a non-weighted average of those risks. The water withdrawals at all sites are evaluated against the risks to determine which sites have the largest negative contribution to local water risks. We also evaluate water stress as well as supply and demand in line with TCFD recommendations. Although the overall water risk for our sites is relatively low, we consider any potential future risks at our R&D and manufacturing sites to be high priority. Key internal and external stakeholders discuss these risk factors, compare them to BIA criteria, and prioritize them accordingly. Those risks that affect our ability to source high quality fresh water for our operations are addressed by the Facilities and EH&S teams, who are primarily responsible for developing feasible solutions and implementing initiatives.

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 scenarios and models applied	Description of possible water-related outcomes	Company response to possible water-related outcomes
Row 1	Other, please specify (WRI Aqueduct)	The analysis showed that our Rensselaer and Limerick sites have the greatest consumption of water but are located in areas where the average overall water risk is rated low to medium. Two of our sites in Europe are located in areas with a medium to high water stress risk, and a medium overall water risk. However, these two sites have the lowest water consumption among Regeneron's locations. There may be future challenges that arise from policy-based water restrictions in those higher risk areas. However, since our withdrawals are minimal in those areas, little to no financial or operational impacts are anticipated.	Our response to the water-related outcomes identified involves minimizing company expansion in areas with high overall water risks. This strategy is currently being used and will continue indefinitely. Our response also involves establishing our R&D and manufacturing facilities in areas with low overall water risk. In anticipation of potential negative financial or operational implications, due to regulatory changes or weather changes, we invest in metering & process improvement technology. The use of the WRI Aqueduct analysis has been useful to our strategic water planning, as we have continuously invested in water-conserving fixtures and appliances as well as metering technologies to better monitor our water consumption. This will inform our strategy to reduce water usage, which builds resilience to possible or probable long-term water risks. Among immediate priority risks, those that affect our ability to source adequate amounts of high-quality fresh water for our operations are addressed. To mitigate these risks, the Facilities and EH&S teams are primarily responsible for developing feasible solutions and implementing initiatives accordingly.

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, and we do not anticipate doing so within the next two years

Please explain

Water expenses comprise an immaterial portion of Regeneron's OPEX. Also, Regeneron's sites have a total average water risk that is relatively low, so we do not anticipate setting an internal price on water within the next two years. If any of these factors change, Regeneron will re-evaluate if an internal price on water is appropriate for the business strategy and future planning initiatives.

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 Business level Specific targets and/or goals Site/facility specific targets and/or goals	Targets are monitored at the corporate level Goals are monitored at the corporate level	We utilize analyses from the WRI Aqueduct tool and TCFD assessment to inform our decision-making regarding water-related issues. This ensures that targets and goals reflect geographic, regulatory and other contextual factors. Our motivation to set targets is to adhere to local regulations and reduce the company's water-related impacts as the business continues to grow. Our forward-looking business strategy and approach to setting and monitoring targets is informed by the results of the WRI Aqueduct risk assessment, which gives us outcomes on various water risk factors by facility location. Our Facilities and EH&S teams are primarily involved in setting targets, ensuring that they are tracked, monitoring progress, and delivering meaningful outcomes for our organization and other water users.

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**

Monitoring of water use

**Level**

Company-wide

**Primary motivation**

Cost savings

**Description of target**

Regeneron has established a commitment to improve water efficiencies by implementing a global water mapping strategy and water stewardship program at all locations by the end of 2025. This target is important because it will provide the company with a better understanding of current water consumption and help identify specific opportunities for reduced water usage and operational savings. As an example of how Regeneron is implementing the goal across the business, metering is being incorporated into an enterprise level tracking system for real time company-wide management, as applicable per site. We are identifying areas where water withdrawals are significant, so that we can develop strategies to reduce consumption and continue to source adequate amounts of water for our business.

**Quantitative metric**

% sites monitoring water consumption total volumes

**Baseline year**

2016

**Start year**

2019

**Target year**

2025

**% of target achieved**

100

**Please explain**

We have installed meters at all of our owned sites to measure water consumption and have measures in place to obtain necessary metering data from our tenant sites.

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**W8.1b**

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**(W8.1b) Provide details of your water goal(s) that are monitored at the corporate level and the progress made.**

**Goal**

Promotion of water data transparency

**Level**

Company-wide

**Motivation**

Cost savings

**Description of goal**

Regeneron's water goal is to improve water efficiencies by implementing a global water mapping strategy and water stewardship program by 2025. This goal is important because it will provide the company with greater data transparency and reveal opportunities for reduced water usage and cost savings. As an example of how Regeneron is implementing this goal across the business, all of our primary/owned sites are creating comprehensive water maps and identifying water stewards to promote water security.

**Baseline year**

2019

**Start year**

2020

**End year**

2025

**Progress**

There are two indicators of progress, one is the completion of a water map and the second is the identification and establishment of a water steward. The threshold for success is having all owned sites complete a water map as well as designate a water steward. In terms of progress, two of Regeneron's owned sites (Limerick, Ireland and Tarrytown, NY) have completed the water map for their sites. Also, the Limerick site has designated a water steward to ensure reliable supply of water.

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**W9. Verification**

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**W9.1**

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**(W9.1) Do you verify any other water information reported in your CDP disclosure (not already covered by W5.1a)?**

Yes

## W9.1a

(W9.1a) Which data points within your CDP disclosure have been verified, and which standards were used?

Disclosure module	Data verified	Verification standard	Please explain
W1 Current state	W1.2b (total volume of water withdrawals)	ISAE 3000	Regeneron's global water withdrawals were verified by a third-party.

## W10. 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.

### W10.1

(W10.1) Provide details for the person that has signed off (approved) your CDP water response.

	Job title	Corresponding job category
Row 1	Executive Vice President Finance, CFO	Chief Financial Officer (CFO)

### W10.2

(W10.2) 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

## Submit your response

In which language are you submitting your response?

English

Please confirm how your response should be handled by CDP

	I am submitting to	Public or Non-Public Submission
I am submitting my response	Investors	Public

Please confirm below

I have read and accept the applicable Terms