



# **2023 Taskforce on Climate-Related Financial Disclosures Index**

## Taskforce on Climate-Related Financial Disclosures (TCFD) Index

We are reporting climate-related information in alignment with the reporting framework set forth by the TCFD. Any text that is **bolded and underlined** within this index references our separate 2023 ESG Report, GRI Index, SASB Index, and UN SDGs Index, all of which can be found on our [ESG Reports](#) webpage.

### Governance

TCFD Reporting Recommendation	Location/Explanation
<p>a) Describe the board's oversight of climate-related risks and opportunities</p>	<p>See <b><u>2023 ESG Report</u></b>:</p> <ul style="list-style-type: none"> <li>▪ <b><u>Our Governance Structure</u></b></li> <li>▪ <b><u>Engaging Stakeholders in Our Sustainability Journey</u></b></li> </ul> <p>See <b><u>GRI Index: 2-14</u></b>.</p> <p>Several members of our Executive Leadership Team (ELT) ESG Steering Committee, which oversees our overall ESG program, attend regularly scheduled meetings with the Board of Directors and discuss important ESG matters, including climate-related issues and impacts. In tandem with our enterprise risk management (ERM) process, we actively communicate all relevant ESG risks with senior leadership, primarily through the ELT ESG Steering Committee. This Committee plays a pivotal role in shaping our strategic decisions.</p>
<p>b) Describe management's role in assessing and managing climate-related risks and opportunities</p>	<p>Our ELT ESG Steering Committee has primary oversight in assessing and managing climate-related risks and opportunities. For more information on the Committee's responsibilities, see <b><u>2023 ESG Report: Our Commitment to ESG</u></b>. Using their collective areas of expertise in their various functions, each member of the Committee contributes to assessing and managing climate-related risks and opportunities.</p> <p>Our Director, Global ESG reports to the EVP, Global Operations and Engineering and is responsible for leading the day-to-day aspects of Ingram Micro's ESG program, including strategy, management, and project execution. The Director also manages Ingram Micro's environmental sustainability team, which includes a Senior Manager and Senior Analyst, who are supported by several internal stakeholders for data collection and project execution. The Director plans, schedules, and directs follow-up from the ELT ESG Steering Committee meetings.</p> <p>For climate-related issues specifically, the Director's responsibilities include global risk assessments; managing the environmental sustainability information management system; creating and refining collection strategy and procedures; employee training and support; data analysis and validation; preparing emissions inventories; setting global and facility targets; monitoring and reporting; stakeholder engagement; supplier assessments; and responding to customer inquiries regarding climate action. Altogether with the other members of the ESG team, the Director also supports staff at the country and facility-level, as needed; participates in strategic conversations; encourages dialogue around climate-related and other ESG issues; and periodically presents regulatory, customer, and investor trends and significant developments to various internal audiences. The ESG team regularly reviews and monitors scientific literature, global environmental, socioeconomic and geopolitical trends, compliance intelligence, and developments in energy markets, including new technologies. Performance on climate action is reviewed annually based on data collected from facilities worldwide. Asset-level risk evaluations are performed periodically to better understand localized risks.</p>

## Risk Management

TCFD Reporting Recommendation	Location/Explanation
<p><b>a) Describe the organization’s processes for identifying and assessing climate-related risks</b></p>	<p>The identification, assessment, and response to climate-related risks and opportunities are part of Ingram Micro’s multi-disciplinary company-wide risk management processes. Climate-related issues are addressed across various Ingram Micro business units and functions—including Operations, Finance, Controllership, Legal, Regulatory and Tax Compliance, Physical Security, Information Security, and IT, depending on the type of risk or opportunity at hand—as well as our value chain.</p>
<p><b>b) Describe the organization’s processes for managing climate-related risks</b></p>	<p>Regarding the identification of ESG-related risks and opportunities, including those related to climate, Ingram Micro undertakes formal stakeholder engagement processes to identify material issues and gather stakeholders’ input on relevant risks and opportunities. See <b><u>GRI Index: 2-29</u></b> for further details on our stakeholder engagement process.</p> <p>As it relates to Ingram Micro’s operations and facilities, the Risk Management team utilizes a third-party tool to identify types of risks that could affect our business operations and assess their potential impacts. These include physical climate risks, such as flooding, extreme storms, and wildfires. Of the 236 facilities evaluated, the Risk Management team identified 42 that were at risk of flooding, 23 at risk for hail, 30 at risk for high winds, and five at risk for wildfires.</p> <p>Ingram Micro’s property insurer frequently visits sites to provide audits of the risks. They then produce findings and recommendations in high-level and in-depth summary reports, which are reviewed by our Risk Management and Operations teams. Each location is assigned a risk mark score comparing the site’s safety and resilience to other sites. Risk remediation and mitigation strategies are developed and implemented in order of priority level based on loss expectancy figures. Specific recommendations are provided, such as building investments or process changes. For high-priority risks, detailed risk plans are developed, implemented, monitored, and reevaluated.</p>
<p><b>c) Describe how processes for identifying, assessing and managing climate-related risks are integrated into the organization’s overall risk management.</b></p>	<p>When Ingram Micro is investing in a new facility, risk analysis is also considered. This includes reviewing the blueprint for the facility and developing recommendations for how to reduce risks, including climate-related risks, and then working with the landlord to make specific investments so the facility is better equipped to withstand these risks.</p> <p>In 2023, a climate change impact analysis was conducted for the first time. This analysis combined engineering data gathered from sites visited as part of risk assessments and data relating to climate change to determine acute (e.g., extreme precipitation, wind) and chronic risks (e.g., temperature, drought, sea level rise). Each location was assessed according to three different climate scenarios in both the short term (by 2030) and the long term (by 2050). The following Concentration Pathways were assessed: RCP 2.6 scenario, RCP 4.5 scenario and RCP 8.5 scenario.</p> <p>A separate process undertaken as part of Ingram Micro’s ERM process is the Strategic Risk Assessment. This process, overseen by Ingram Micro’s Risk Committee, includes a taxonomy of risks that are evaluated, including operational, regulatory, reputational, extended enterprise, and strategic risks. These risks may include ESG and/or climate-related aspects.</p> <p>Also see <b><u>2023 ESG Report: Strategic Risk Assessment</u></b>.</p>

## Strategy

### TCFD Reporting Recommendation

### Location/Explanation

Through our processes defined above in “Risk Management,” Ingram Micro has identified several climate-related risks and opportunities that have the potential to have a material financial impact on our business. In general, these risks and opportunities could arise across the short-, medium-, and long-term time horizons, which are defined as follows:

- **Short-term:** 0–1 year
- **Medium-term:** 1–5 years
- **Long-term:** 5+ years

**Regulatory Risk:** We are monitoring recently enacted, as well as currently proposed, legislation and regulation regarding climate-related and other ESG-related required disclosures for companies. These various requirements—including several rules on corporate sustainability reporting in the European Union such as the Corporate Sustainability Reporting Directive, California’s Senate Bills 253 and 261, and the SEC’s Climate-related Disclosure Rule, among many others—will also increase ESG reporting obligations and assessment of ESG-related impacts, dependencies, risks, and opportunities.

**Acute and Chronic Physical Risk:** Our climate change impact analysis identified key acute and chronic physical risk exposure, factoring in property value and business interruption. Our analysis includes a review of Ingram Micro’s current event-driven climate risk as well as exposure to climate change impacts in 2030 and 2050. Climate change impacts are evaluated by combining information from engineering visits, natural hazard maps, and global climate model data.

Out of the 62 locations visited by our third-party property insurer, 56 of the locations were identified to have exposure to climate change physical risks with a potential financial impact by 2030. Locations were assessed according to their risk of extreme precipitation, wind, temperature/drought, and sea level rise.

Increasing occurrence of natural disasters and extreme hot and cold weather can not only damage our facilities but also cause a disruption to our business, as we rely on transport infrastructure, including roads, railroads, and ports. Consequently, these affect our fulfillment center operations, which rely on people coming to work, and our supplier partners that ship products into and from our warehouses, from our suppliers to our customers. China, the U.S., India, the Philippines, and Indonesia each reported a record number of disaster events from 2000 to 2019. A large portion of our operations by revenue is located in geographies that are seeing increased climate impacts, which means our facilities may be negatively impacted in the future. These types of weather events require us to plan for various contingencies.

Since we have operations in 58 countries, the level of risk varies by country. We have historically seen at least one drastic climate event affect our facilities every year since 2019. Most impacts we are seeing are short-term, for example from flooding or severe snow and ice. We have been able to shift orders from other geographies to reduce disruptions. In addition, a recent assessment of our facilities indicates that at least 42 of our facilities throughout the Americas, Europe, and Asia Pacific region are currently exposed to floods and likely to be exposed over the long term. These increased weather events will require Ingram Micro to invest incrementally more in our operations for weather proofing our facilities and future mitigation planning.

**Market Opportunities:** Regulatory compliance and environmental safety are among the major driving forces behind the growth of the IT Asset Disposition (ITAD) market in recent years, which is expected to continue to grow in the short to medium term. Governments are likewise focused on the environmental concerns that arise from electronic waste. The increasing adoption of technology in emerging economies has spurred growth of the ITAD market opportunities, and we are adapting to this trend. We continue to explore ways to increase our coverage in the emerging markets with China and India as the two regions that stand out as opportunities. We have been focusing on helping our channel partners build sustainable Internet of Things (IoT) practices so they can in turn deliver and support world-class IoT solutions for their customers.

a) Describe the climate-related risks and opportunities the organization has identified over the short, medium, and long term.

## Strategy (continued)

TCFD Reporting Recommendation	Location/Explanation
<p><b>b) Describe the impact of climate-related risks and opportunities on the organization’s businesses, strategy, and financial planning.</b></p>	<p>Climate-related risks have impacted our financial planning, most notably with indirect costs. Insurance premiums have increased in the last few years. This has been influenced, at least in part, by the rising frequency of climate-related extreme weather events (acute physical risk). With the proliferation of ESG- and climate-related regulation, we expect compliance costs to increase to implement climate-related actions and meet the reporting requirements (regulatory risk).</p>
<p><b>c) Describe the resilience of the organization’s strategy, taking into consideration different climate-related scenarios, including a 2°C or lower scenario.</b></p>	<p>We have not yet performed a climate-related scenario analysis to inform our strategy. Under our global ESG and environmental sustainability programs, IngramMicroESG and IngramMicroPlanetary, we have begun efforts to build a long-term strategy for reducing our carbon footprint and achieving our emissions reduction goals. See <a href="#">2023 ESG Report: Tracking Our Climate Impact</a> for more details of the principles that guide the implementation of our decarbonization strategy. As our program matures, and as we improve the accuracy of our GHG emissions inventory, including our Scope 3 emissions, we anticipate investing the resources into a climate-related scenario analysis.</p>

## Metrics & Targets

<p><b>a) Disclose the metrics used by the organization to assess climate-related risks and opportunities in line with its strategy and risk management process.</b></p>	<p>See <a href="#">2023 ESG Report: Tracking Our Climate Impact</a>.</p> <p>In 2022, we added ESG elements into our performance evaluations for our incentives that are based on performance. ESG is listed as an example behavior under “Judgment and Decision Making” and “Results Oriented” categories. Ingram Micro does not currently use an internal price on carbon as part of our business strategy.</p>
<p><b>b) Disclose Scope 1, Scope 2, and if appropriate, Scope 3 greenhouse gas emissions, and the related risks.</b></p>	<p>See <a href="#">2023 ESG Report: Tracking Our Climate Impact</a>.</p> <p>See <a href="#">GRI Index</a>:</p> <ul style="list-style-type: none"> <li>▪ <a href="#">302</a></li> <li>▪ <a href="#">305</a></li> </ul>

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## Metrics & Targets (continued)

TCFD Reporting Recommendation	Location/Explanation	2023 MT CO <sub>2</sub> e
<b>b) Disclose Scope 1, Scope 2, and if appropriate, Scope 3 greenhouse gas emissions, and the related risks. (continued)</b>	Scope 1 emissions	9,519
	Scope 2 (market-based) emissions	12,919
	Scope 2 (location-based) emissions	20,357
	Total Scope 3 emissions	31,421,387
<b>c) Describe the targets used by the organization to manage climate-related risks and opportunities and performance against targets.</b>	See <a href="#">2023 ESG Report: Tracking Our Climate Impact</a> .	
	See <a href="#">GRI Index</a> :	
	<ul style="list-style-type: none"> <li>▪ <a href="#">302</a></li> <li>▪ <a href="#">303</a></li> </ul>	
	<p>Inspired by the United Nation’s Decade of Action, we announced our 10 to Zero initiative in 2022. As part of this initiative, we aim to achieve zero greenhouse gas emissions and zero waste by 2030 in our operations. In 2022, we submitted a commitment letter to SBTi to set emissions reduction targets.</p>	