

TCFD Reporting Index and 2025 Environment Metrics Supplement

July 2026

Mosaic's mission -- to help the world grow the food it needs -- is inherently grounded in sustainability. Fertilizers are responsible for 40-60% of the world's crop yields and thus play a vital role in increasing food production and land use efficiency in agriculture and livestock production -- actions that are critical to supporting a sustainable food future.

Our progress on environmental, social, and governance subjects over the last decade has been driven in large part by our transparency practices. Annually, we produce a Sustainability Disclosure and GRI Index (aligned to GRI and SASB metrics for Metals & Mining and Chemicals industries); have issued commitments to climate change and water stewardship and a position statement on deforestation; and regularly engage investors and other stakeholders on Mosaic's sustainability performance. The reporting landscape is evolving, and we are committed to meeting the information needs of our stakeholders as they expect enhanced disclosure on climate change-related topics, including this reporting index on climate-related risks and opportunities, which is aligned to recommendations from the Task Force on Climate-related Financial Disclosures (TCFD) and will be transitioned to the new IFRS framework.

Recommended TCFD Disclosures	Summary of Disclosure	Location of Full Disclosure
Governance		
a) Describe the board's oversight of climate-related risks and opportunities	Mosaic's Environmental Health, Safety, and Sustainable Development Committee (EHSS Committee) of the Mosaic Board of Directors (the "Board") provides oversight of our environmental, health, safety and sustainable development (EHSS) strategic vision and performance, including managing climate-related risks and opportunities. The Compensation Committee of the Board considers sustainability performance when making compensation determinations for	2024 CDP Corporate Questionnaire - C4 (4.1.2)

b) Describe management's role in assessing and managing climate-related risks and opportunities

management and executives. Climate change is indirectly linked to compensation through operating cost savings that are achieved through site-specific initiatives and companywide programs aimed at reducing energy use and emissions. Further, annual incentive compensation is tied to climate through risk reduction measures, the elements of which promote environmental, health, safety and sustainability behaviors and objectives. Sustainability performance, including reduction of GHGs and water withdrawals, is covered by the risk reduction program.

In addition, in 2024, Mosaic established the ESG Reporting Governance Committee to strengthen oversight and accountability for climate-related and broader sustainability disclosures. The Committee reports to the Audit Committee of the Board and is composed of senior leaders across finance, law, public affairs, and operations. Its mandate includes promoting integrity, transparency, and accuracy of Mosaic's sustainability regulatory reporting. This governance structure reinforces Mosaic's commitment to integrating sustainability into corporate strategy and risk management, and supports our objective of delivering consistent, reliable, and decision-useful sustainability information to stakeholders.

Climate-related responsibilities are shared by many at Mosaic. For example, Environment, Health and Safety (EHS) leadership manage climate-related issues due to the interplay between EHS performance and our progress toward sustainability targets, sustainability strategy

[2024 CDP Corporate Questionnaire](#) - C4 (4.3.1)

	and regulatory developments pertaining to the implementation of price on carbon in our operating jurisdictions. Public Affairs manages our company's reporting, targets tracking and stakeholder engagement practices. Senior leaders are active in identifying and assessing enterprise-wide risks, overseeing progress toward GHG targets, and guiding our overall GHG reduction strategy, which we view as important to managing Mosaic's climate-related risks.	
Strategy		
a) Describe the climate-related risks and opportunities the organization has identified over the short, medium and long term	We have identified climate-related risks and opportunities with potential to impact our business over short (0-4 years), medium (5-9 years) and long-term (10-20 years). Per TCFD guidelines, risks are categorized as transition risks or physical risks. Based on the results of a comprehensive climate risk assessment, the most significant transition risk is the prospect of the imposition of a price on GHG emissions in our operating jurisdictions – principally, the United States, Canada and Brazil. The most significant physical risk we face is the threat of increasingly severe weather events and changes in precipitation patterns, primarily at our operating facilities in Florida and Louisiana. Climate-related risks and opportunities influence our organization's strategy in many ways. For example, the needs of customers and growers are rapidly evolving, and there is increased demand for products that address myriad agricultural challenges, like a plant's ability to thrive in increasingly stressful conditions (drought,	2024 CDP Corporate Questionnaire Risks & Opportunities - C2 and C3; Scenario analysis – C5 (5.1 – 5.1.2)
b) Describe the impact of climate-related risks and opportunities on the organization's		

businesses, strategy and financial planning

changing temperatures, etc.) and for solutions that help reduce the impact of agricultural activities on the environment. We are adapting our product portfolio and seeking opportunities to bring products to market that meet needs like these.

Similarly, climate-related risks and opportunities influence our company's financial planning process. For example, adverse weather can affect agricultural commodity markets, which could impact revenue. Mosaic's market analysis team monitors climate and growing regions, forecasting climate-related events like droughts, floods and severe weather events, to determine their potential impact on the markets, our production and Mosaic's overall financial performance. Further, existing and proposed EHS laws and regulations, some of which are climate-related, may affect direct costs, operating expenditures, and capital allocation. In Saskatchewan, where we are subject to carbon pricing mechanisms, we forecast the financial implications associated with our direct energy consumption and the indirect impacts of how the tax is passed to Mosaic from third parties. See our CDP Climate Change Response for more information.

c) Describe the resilience of the organization's strategy, taking into consideration different climate-related scenarios,

To reduce our exposure to the risk of the imposition of a price on GHG emissions, which, according to a risk scenario analysis, is greatest under a Sustainable Development Scenario (SDS) 1.5-2 °C over the 2050 time horizon, we are focused on executing our GHG reduction strategy. We manage the threat of physical risks, which are likely to materialize more slowly but projected to increase in the future under both the Intergovernmental Panel on Climate Change representative

[2024 CDP Corporate Questionnaire Risks & Opportunities](#) - C2 and C3; Scenario analysis – C5 (5.1 – 5.1.2)

including a 2°C or lower scenario

concentration pathway (RCP) 2.6 and RCP 6.0 scenarios, by maintaining insurance coverage and conferring with leading property and casualty insurers and engineers to improve asset design, construction and maintenance of at-risk assets. We have implemented – and regularly practice – hurricane preparedness plans at our Florida and Louisiana sites that protect our employees and mitigate the potential for business interruption and damage to our facilities.

Risk Management

a) Describe the organization's processes for identifying and assessing climate-related risks

b) Describe the organization's processes for managing climate-related risks

c) Describe how processes for identifying, assessing, and managing climate-related risks are integrated into the organization's overall risk management

We identify and assess climate-related risks as part of a multi-disciplinary companywide risk management process. Climate, including climate changes, and associated risks and opportunities that apply at companywide and asset levels are monitored regularly by teams at Mosaic including EHS, public affairs, enterprise risk management and market analysis, and the results are reported to the company's senior leadership team, the Board, the EHSS Committee, and to additional stakeholders through our annual sustainability disclosure. In 2021, to complement our risk identification process, we engaged a third party to conduct a climate risk assessment and scenario analysis.

In 2024, we engaged a third party to conduct our initial Double Materiality Assessment in line with CSRD reporting requirements. This assessment included identification of impacts, risks and opportunities associated with climate-related topics.

[2024 CDP Corporate Questionnaire Risks & Opportunities – C2](#)

Metrics and Targets

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) Disclose Scope 1, Scope 2, and, if appropriate, Scope 3 greenhouse gas (GHG) emissions, and the related risks

c) Describe the targets used by the organization to manage climate-related risks and opportunities and perform against targets

We use key metrics to monitor our progress managing our GHG risks, including tracking of direct and indirect energy use and GHG emissions on absolute and intensity bases. As of end of 2025, Mosaic completed decarbonization assessments at our North America phosphates concentrate plants and potash sites (Brazil decarbonization roadmap was completed previously). In all regions, technology readiness for decarbonization initiatives remains a material hurdle. Mosaic is targeting to advance our long-term decarbonization plans by 2030.

Description of our Scope 1, 2 and 3 GHG emissions and related risks are detailed in our CDP and GRI reports.

[2025 Sustainability Disclosure and GRI Index](#)

[2024 CDP Corporate Questionnaire](#)

2025 Environment Metrics Supplement

This supplement provides additional environmental metrics, not covered under the GRI framework, that some stakeholders request as part of their review of our performance. We encourage stakeholders to read this supplement in conjunction with our [2025 Sustainability Disclosure and GRI Index](#).

Water

2025 Global Water Withdrawals by Segment (,000 m3)

Business Segment	Municipal	Reclaimed Water	Groundwater	Surface Water	Total	Total Withdrawal Intensity
Phosphate	101	4,557	54,603	177,507	236,768	0.0378
Potash	-	313	4,255	14,233	18,802	0.0021
Mosaic Fertilizantes	107	-	39,452	39,452	44,877	0.0114
Distribution	228	4,915	-	-	7,746	N.A.
Mosaic Total	437	9,785	66,780	231,192	308,194	0.0162

Note: Phosphate surface water withdrawals include once through cooling water totals. Total water intensity value measured in megaliters per tonne of finished product. Values include all water withdrawals and differ from Mosaic's freshwater intensity reduction target, as reported in Mosaic's 2025 Sustainability Disclosure. Phosphate surface water includes seawater withdrawn at our Peru site. Distribution, as reported here, represents Mosaic-owned facilities involved in warehousing, blending or shipping Mosaic's products. Though Distribution is not its own reporting segment, our distribution facilities do consume water in their operations, hence our including the volumes here. Intensity for Distribution facilities is not available using our methodology for calculating intensity since they do not produce finished product tonnes.

Energy and Emissions

Energy Intensity Metrics

2025 Purchased Energy Intensity by Segment (GJ/ Finished Product Tonnes)	
Business Segment	
Phosphate	1.20
Potash	0.40
Mosaic Fertilizantes	0.88
Mosaic Total	0.77

Note: Energy totals in this table include purchased electricity and purchased heating. Intensity for Distribution facilities is not available using our methodology for calculating intensity since they do not produce finished product tonnes. Our Phosphate business segment for energy and emissions data includes metrics associated with ammonia production at Faustina.

2025 Total Energy Intensity by Segment (GJ/ Finished Product Tonnes)	
Business Segment	
Phosphate	3.22
Potash	2.47
Mosaic Fertilizantes	2.21
Mosaic Total	2.70

Note: Energy values in this table exclude steam energy from the sulfuric acid manufacturing process. Intensity for Distribution facilities is not available using our methodology for calculating intensity since they do not produce finished product tonnes.

GHG Intensity Metrics

2025 GHG Emissions Intensity by Segment (tonnes CO ₂ e/ Finished Product Tonnes)									
Business Segment	Total GHG	Direct GHG	Indirect GHG (Location-based)	Indirect GHG (Market-based)	Total CO ₂	Direct CO ₂	Indirect CO ₂	CH ₄	N ₂ O
Phosphate	0.419	0.300	0.119	0.100	0.197	0.135	0.118	0.000	0.000
Potash	0.152	0.105	0.047	0.049	0.109	0.105	0.004	0.000	0.000
Mosaic Fertilizantes	0.138	0.127	0.011	0.013	0.125	0.125	0.000	0.000	0.000
Mosaic Total	0.239	0.175	0.064	0.059	0.161	0.120	0.041	0.000	0.000



Note: Total, Direct and Indirect GHG values are measured in tonnes CO₂e per tonne of finished product. Companywide values differ from Mosaic's 2025 GHG reduction target, as reported in Mosaic's 2025 Sustainability Disclosure. Intensity for Distribution facilities is not available using our methodology for calculating intensity since they do not produce finished product tonnes.

Absolute GHG Metrics

2025 Absolute GHG Emissions by Segment (million tonnes CO₂e)

Business Segment	Total GHG	Direct GHG	Indirect GHG (Location-based)	Indirect GHG (Market-based)	Total CO ₂	Direct CO ₂	Indirect CO ₂	CH ₄	N ₂ O
Phosphate	2.62	1.88	0.75	0.63	1.59	0.85	0.74	0.00	0.00
Potash	1.34	0.92	0.42	0.43	0.96	0.92	0.04	0.00	0.00
Mosaic Fertilizantes	0.55	0.50	0.04	0.05	0.49	0.49	0.00	0.00	0.00
Distribution	0.04	0.03	0.01	0.01	0.02	0.02	0.01	0.00	0.00
Mosaic Total	4.54	3.33	1.21	1.12	3.06	2.27	0.78	0.00	0.00

Note: Total, Direct and Indirect GHG values are measured in million tonnes CO₂e; CH₄ and N₂O are presented in tonnes. Summation of parts may be different from total due to rounding. CO₂ emissions from Biofuels is 0.18 million tonnes CO₂ from our Mosaic Fertilizantes facilities.

Other Emissions

2025 Other Emissions by Segment (tonnes)

Business Segment	NO _x	CO	PM	SO ₂	VOC	NH ₃	FL	H ₂ S	SAM	HF
Phosphate	1,010	849	833	8,789	121	688	79	11	160	446
Potash	1,678	529	1,763	6	120	-	-	-	-	-

Mosaic Fertilizantes	201	-	380	6,258	-	3	17	-	108	-
Distribution	1	9	7	2	1	2	-	-	-	-
Mosaic Total	2,891	1,387	2,983	15,055	242	693	96	11	268	446

Note: Values are presented in tonnes.