

Making our world more productive



Linde TCFD Index (2021 Data Year)

Linde's Alignment with the Recommendations of the
Task Force on Climate-related Financial Disclosures

Linde TCFD Index 2021

Linde is a [TCFD Supporter](#) and utilizes the Task Force on Climate-related Financial Disclosures (TCFD) framework within its risk assessment activities. Linde demonstrates alignment with TCFD recommendations in this [TCFD Index](#). Using the disclosure recommendations from the TCFD, this index references Linde’s public disclosures on climate change, which can be found at www.linde.com and in the following documents, all of which were issued in 2022 and contain information and data from calendar year 2021: Linde’s 2021 Sustainable Development Report, 2021 Annual Report 10-K, 2022 Notice of Annual General Meeting of Shareholders and Proxy Statement, and 2022 CDP Climate Change response.

This index was issued in October 2022 and is updated annually.

TOPIC	DISCLOSURE FOCUS AREA	DISCLOSURE	LINDE’S RESPONSE
Governance	Disclose the organization’s governance around climate-related risks and opportunities.	a) Describe the board’s oversight of climate-related risks and opportunities.	<ul style="list-style-type: none"> → See Linde’s 2022 CDP Climate Change Response: C1.1b → See the Linde Sustainable Development Report 2021: Governance, pgs. 31-33 → See the Linde Notice of 2022 Annual General Meeting of Shareholders and Proxy Statement: Board Oversight of ESG Matters, pgs. 12-13; Board Role in Risk Oversight, pg. 16; Strategic and Non-Financial Performance Goals, pgs. 54-55; and Strategic Non-financial Business Results, pg. 57
		b) Describe management’s role in assessing and managing climate-related risks and opportunities.	<ul style="list-style-type: none"> → See Linde’s 2022 CDP Climate Change Response: C1.2, 1.2a → See the Linde Sustainable Development Report 2021: Governance/ Sustainable Development Governance, pg. 33 → Linde maintains climate change targets and reports progress against these targets regularly to business management and annually to Linde’s Board of Directors. See the 2021 Annual Report 10-K: Item 7 Management Discussion and Analysis of Financial Information/ Environmental Matters/ Climate Change, pg. 24-25

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Strategy	Disclose the actual and potential impacts of climate-related risks and opportunities on the organization's businesses, strategy and financial planning.	a) Describe the climate- related risks and opportunities the organization has identified over the short, medium and long term.	<ul style="list-style-type: none"> → See Linde's 2022 CDP Climate Change Response: C2.1a, 2.3, 2.3a, 2.4, 2.4a → See the 2021 Annual Report 10-K: Item 1A Risk Factors, pgs. 9-13; and Item 7 Management Discussion and Analysis of Financial Information/ Environmental Matters/ Climate Change, pg. 24-25. → See the Linde Sustainable Development Report 2021: Climate Change – Challenge & Opportunity, pgs. 18-23
		b) Describe the impact of climate-related risks and opportunities on the organization's businesses, strategy and financial planning.	<ul style="list-style-type: none"> → See Linde's 2022 CDP Climate Change Response: C2.3a, 2.4a, 3.1, 3.2b, 3.3, 3.4
		c) Describe the resilience of the organization's strategy, taking into consideration different climate-related scenarios, including a 2°C or lower scenario.	<ul style="list-style-type: none"> → See Linde's 2022 CDP Climate Change Response: C3.2, 3.2a, 3.2b
Risk Management	Disclose how the organization identifies, assesses and manages climate-related risks.	a) Describe the organization's processes for identifying and assessing climate-related risks.	<ul style="list-style-type: none"> → See Linde's 2022 CDP Climate Change Response: C2.1, 2.2, 2.2a → See the Linde Sustainable Development Report 2021: Risk Management, pg. 34 → See the 2019-2020 Sustainable Development Materiality Assessment and Basis for Linde's SD 2028 Targets
		b) Describe the organization's processes for managing climate-related risks.	<ul style="list-style-type: none"> → See Linde's 2022 CDP Climate Change Response: C2.1, 2.2 → See the 2021 Annual Report 10-K: Item 1A Risk Factors, pgs. pgs. 9-13; and Item 7 Management Discussion and Analysis of Financial Information/ Environmental Matters/ Climate Change, pg. 24-25.
		c) Describe how processes for identifying, assessing and managing climate-related risks are integrated into the organization's overall risk management.	<ul style="list-style-type: none"> → See Linde's 2022 CDP Climate Change Response: C2.1, 2.2

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Metrics and Targets	Disclose the metrics and targets used to assess and manage relevant climate-related risks and opportunities.	a) Disclose the metrics used by the organization to assess climate-related risk and opportunities in line with its strategy and risk management process.	<ul style="list-style-type: none"> → See Linde's 2022 CDP Climate Change Response: C4.2, 4.2a, 4.2b → See the Linde Sustainable Development Report 2021: Performance Towards Targets/Climate Change, pgs. 25-26 → See the Linde Notice of 2022 Annual General Meeting of Shareholders and Proxy Statement: Strategic and Non-Financial Performance Goals, pg. 54-55; and Strategic Non-financial Business Results, pg. 57
		b) Disclose Scope 1, Scope 2, and, if appropriate, Scope 3 greenhouse gas (GHG) emissions, and the related risks.	<ul style="list-style-type: none"> → See Linde's 2022 CDP Climate Change Response: C6.1, 6.3, 6.5 → See the Linde Sustainable Development Report 2021: Environmental Topics 305-1, 305-2, 305-3, 305-4 and 305-5, pgs. 66-71
		c) Describe the targets used by the organization to manage climate-related risks and opportunities and performance against targets.	<ul style="list-style-type: none"> → See Linde's 2022 CDP Climate Change Response: C4.1, 4.1b, 4.2, 4.2a, 4.2b → For performance against Linde's 2028 climate change targets, see the Linde Sustainable Development Report 2021: Performance Towards Targets/Climate Change, pgs. 25-26 → In 2021, Linde announced an absolute climate change target: to reduce Scopes 1 and 2 emissions by 35% by 2035. This managed target has a base year of 2021. Performance against this target will be provided in future reporting. → In October 2022, Linde's 2035 absolute GHG reduction target was approved as a science-based GHG emissions reduction target by the Science Based Targets Initiative

