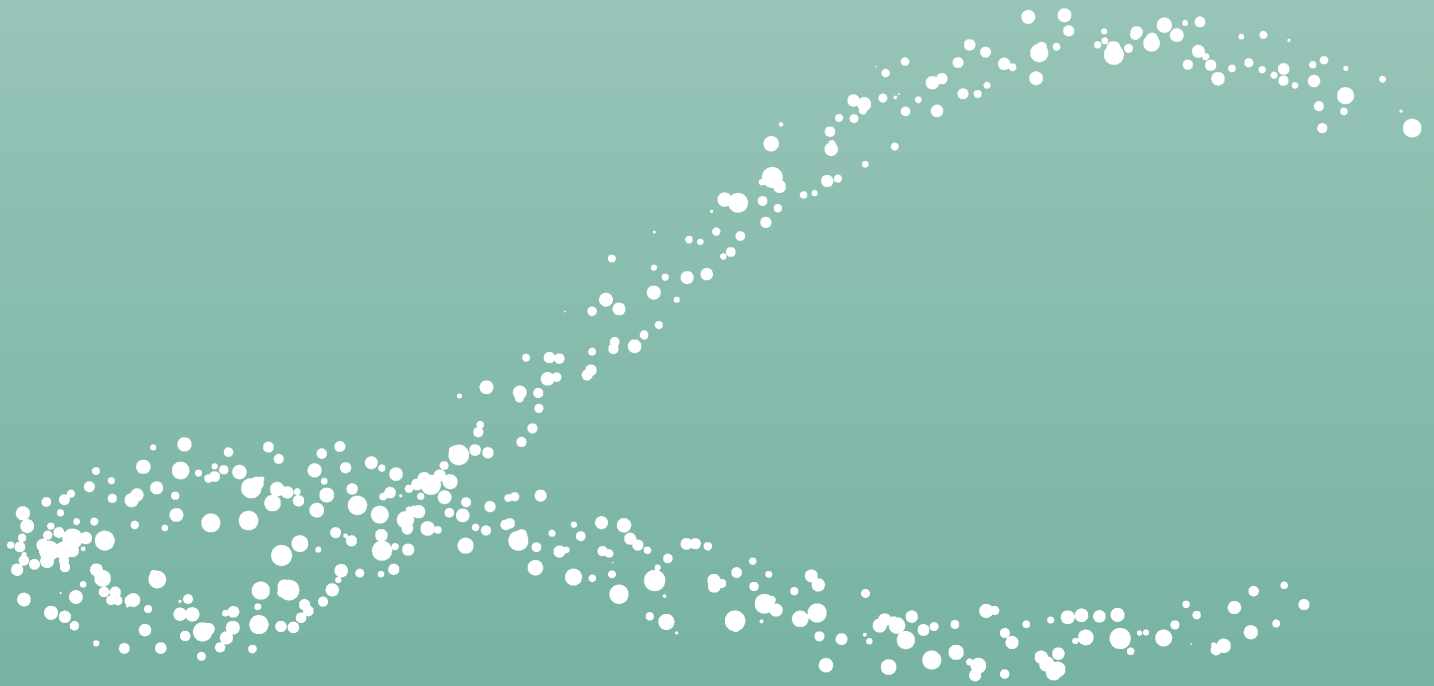


Making our world more productive



Linde TCFD Index 2019-2020

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

Linde TCFD Index 2019-2020

Using the disclosure recommendations from the Task Force on Climate-related Financial Disclosures (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 2020 and contain information and data from calendar year 2019: Linde’s 2019 Sustainable Development Report, 2019 10-K, 2019-2020 Sustainable Development Materiality Assessment and Basis for Linde’s SD 2028 Targets, 2020 Notice of Annual General Meeting of Shareholders and Proxy Statement, and 2020 CDP Climate Change response. We also reference the February 2020 announcement of Linde’s new 2028 climate change targets.

This Index was originally issued in March 2020 and was reissued in September 2020 with updated references. An updated index will be issued 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 2020 CDP Climate Change Response: C1.1b ➤ See the Linde Sustainable Development Report 2019: Governance, pgs. 28-30 ➤ See the Linde Notice of 2020 Annual General Meeting of Shareholders and Proxy Statement: Board Role in Risk Oversight, pg. 9; Strategic and Non-Financial Performance Goals, pgs. 47-48; and Strategic Non-financial Business Results, pg. 50
		b) Describe management’s role in assessing and managing climate-related risks and opportunities.	<ul style="list-style-type: none"> ➤ See Linde’s 2020 CDP Climate Change Response: C1.2, 1.2a ➤ See the Linde Sustainable Development Report 2019: Governance/ Sustainable Development Governance, pgs. 29-30 ➤ 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 2019 Linde Form 10-K: Item 7 Management Discussion and Analysis of Financial Information/ Environmental Matters/ Climate Change, pg. 31

TOPIC	DISCLOSURE FOCUS AREA	DISCLOSURE	LINDE'S RESPONSE
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 2020 CDP Climate Change Response: C2.1a, 2.3, 2.3a, 2.4, 2.4a ➤ See the 2019 Linde Form 10-K: Item 1A Risk Factors, pgs. 10, 11 and 13; and Item 7 Management Discussion and Analysis of Financial Information/ Environmental Matters/ Climate Change, pg. 31 ➤ See the Linde Sustainable Development Report 2019: Climate Change – Challenge & Opportunity, pgs. 16-20
		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 2020 CDP Climate Change Response: C2.3a, 2.4a, 3.1, 3.1b, 3.1d, 3.1e, 3.1f
		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 2020 CDP Climate Change Response: C3.1a, 3.1b
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 2020 CDP Climate Change Response: C2.1, 2.2, 2.2a ➤ See the Linde Sustainable Development Report 2019: Sustainable Development Targets 2028, pgs. 12-13; The Target Setting Process, pgs. 14-15 ➤ 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 2020 CDP Climate Change Response: C2.1, 2.2 ➤ See the 2019 Linde Form 10-K: Item 1A Risk Factors, pgs. 10, 11 and 13; and Item 7 Management Discussion and Analysis of Financial Information/ Environmental Matters/ Climate Change, pg. 31
		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 2020 CDP Climate Change Response: C2.1, 2.2

TOPIC	DISCLOSURE FOCUS AREA	DISCLOSURE	LINDE'S RESPONSE
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 2020 CDP Climate Change Response: C4.2, 4.2a, 4.2b, 9.1 ➤ See the Linde Sustainable Development Report 2019: Performance Towards Targets/Climate Change, pgs. 22-23 ➤ See the Linde Notice of 2020 Annual General Meeting of Shareholders and Proxy Statement: Strategic and Non-Financial Performance Goals, pg. 47-48; and Strategic Non-financial Business Results, pg. 50
		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 2020 CDP Climate Change Response: C6.1, 6.3, 6.5 ➤ See the Linde Sustainable Development Report 2019: Environmental Topics 305-1, 305-2, 305-3, 305-4 and 305-5, pgs. 59-64
		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 2020 CDP Climate Change Response: C4.1, 4.1b, 4.2, 4.2a, 4.2b ➤ Linde announced new climate change targets in February 2020. These targets have a baseline of 2018 and run through 2028. ➤ For performance against Linde's 2028 climate change targets, see the Linde Sustainable Development Report 2019: Performance Towards Targets/Climate Change, pgs. 22-23 ➤ In March 2020, Linde committed to work towards setting a science-based GHG emissions reduction target consistent with our sector and with the Science Based Target initiative.

