Linde TCFD Index 2019-2020

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](http://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.

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| Governance | Disclose the organization’s governance around climate-related risks and opportunities. | a) Describe the board’s oversight of climate-related risks and opportunities. | ➢ 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. | ➢ 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 |
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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. | ➢ 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 |
| 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. | ➢ See [Linde’s 2020 CDP Climate Change Response](#): C2.1, 2.2, 2.2a  
➢ 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. | ➢ 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 |
<p>|       |                      | c) Describe how processes for identifying, assessing and managing climate-related risks are integrated into the organization’s overall risk management. | ➢ See <a href="#">Linde’s 2020 CDP Climate Change Response</a>: C2.1, 2.2 |</p>
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| Metrics and  | 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.                                                                                                                                                                                                                                               | ➢ 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                                                                 |
| Targets       |                                                            | b) Disclose Scope 1, Scope 2, and, if appropriate, Scope 3 greenhouse gas (GHG) emissions, and the related risks.                                                                                                                                                                                                                                                                                       | ➢ 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.                                                                                                                                                                                                                                                                  | ➢ 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. |