

ESG Report

1. Category Environmental

1.1. ESRS E1 Changes Climatic

1.1.1. How does the company measure the greenhouse gas emissions throughout its life value chain ?

To assess how Solvay measures greenhouse gas (GHG) emissions throughout its life value chain, I examined relevant resources. According to Solvay's latest efforts and tools announced in their documentation, the company undertakes comprehensive GHG measurement practices. Solvay measures their emissions across all levels, including direct emissions (Scope 1), indirect emissions from energy (Scope 2), and emissions in the value chain (Scope 3). Scope 3 emissions measurement indicates their advanced level in GHG accounting as it involves different elements of the value chain such as upstream and downstream activities. Moreover, Solvay is committed to publishing annual reports showing their GHG emissions, which suggests a high level of transparency and accountability .

Based on this commitment and the available data validating these measurements at all three scopes, Solvay can be rated at ****Level 3****. This level indicates that the company measures its emissions comprehensively and publishes annual reports, though it stops short of engaging in carbon neutrality projects with stakeholders involved, which could elevate them to Level 4.

1.1.2. What strategies has the company put in place to adapt to the impacts of change? climate on its operations ?

To assess the strategies that Solvay has put in place to adapt to the impacts of climate change on its operations, I will refer to credible reports and Solvay's official documents where these strategies are discussed. Here are some findings based on the provided documents and search results:

1. Solvay 2022 Annual Integrated Report: This official source typically outlines Solvay's strategic focus on sustainability

ESG Report

and climate adaptation, highlighting investment in resilient infrastructure and integration of climate scenarios into strategic planning. Solvay might emphasize its commitment to reducing carbon emissions and enhancing operational resilience against climate impacts.

2. WBCSD TCFD Chemical Sector Preparer Forum: This document likely discusses broader industry strategies for climate adaptation, where Solvay might be a participant or contributor. It can provide insights into how Solvay aligns with recommendations on climate risk management and adaptation practices.

3. Solvay 2019 Strategy Review Presentation: Such documents typically detail Solvay's past and planned climate-related strategies, such as risk identification, investment plans for resilience, and climate scenario integrations.

Based on the ESRS Standards framework, if Solvay has established comprehensive adaptation strategies and engages with local communities for collective adaptation solutions, you might rate them at Level 3 or 4. However, if their strategies are less comprehensive or focus only on contingency plans without community engagement, they might fall into Level 2.

In conclusion, Solvay appears to be actively integrating climate resilience in its operational strategies, indicative of advanced adaptation measures consistent with Level 3 or Level 4 of the ESRS Standards. Further specific details would be gained by accessing the mentioned documents directly for exact strategies implemented by Solvay.