Chemicals Sector Overview

Chemical companies participating in the SBTi

Last updated: October 2020
A global group of 22 chemicals companies have committed to setting SBTs

- Air Liquide Group
- AkzoNobel
- Arkema
- **Bayer** *
- **Borregaard** AS
- Croda International
- **Ecolab**
- Group Fu Plastic Co., Ltd
- Gujarat Fluorochemicals Ltd. (GFL)
- **International Flavors & Fragrances Inc.**
- Linde plc
- **Novozymes** AS
- Orbia Advance Corporation
- Polygenta Technologies Limited
- PT Ecogreen Oleochemicals
- Reliance Chemical Products Ltd.
- **Royal DSM**
- Sekisui Chemical Co., LTD
- Sumitomo Chemical Co., Ltd.
- **Syngenta**
- Tata Chemicals Limited
- Univar Solutions

Companies listed in **bold** have approved SBTs
List as of 2020; for additional information see [https://sciencebasedtargets.org/companies-taking-action/](https://sciencebasedtargets.org/companies-taking-action/)
*Bayer self-classified as a pharmaceutical company for target-review purposes.*
Methods sed by chemical companies setting SBTs

<table>
<thead>
<tr>
<th>Company</th>
<th>Target Classification</th>
<th>Scope 1 and 2</th>
<th>Scope 3</th>
<th>Other Targets</th>
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<tr>
<td>Novozymes A/S</td>
<td>1.5C</td>
<td>Absolute</td>
<td>Absolute</td>
<td>Renewable Energy</td>
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<tr>
<td>Bayer AG*</td>
<td>1.5C</td>
<td>Absolute</td>
<td>Absolute</td>
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<tr>
<td>Ecolab</td>
<td>1.5C</td>
<td>Absolute</td>
<td>Supplier Engagement</td>
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<tr>
<td>Borregaard A/S</td>
<td>WB2C</td>
<td>Absolute</td>
<td>Absolute</td>
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<tr>
<td>International Flavors &amp; Fragrances Inc.</td>
<td>WB2C</td>
<td>Absolute</td>
<td>Supplier Engagement</td>
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<tr>
<td>Syngenta</td>
<td>WB2C</td>
<td>GEVA</td>
<td>GEVA</td>
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<tr>
<td>Royal DSM</td>
<td>2C</td>
<td>Absolute</td>
<td>Intensity</td>
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<td>Sumitomo Chemical Co., Ltd.</td>
<td>2C</td>
<td>Absolute</td>
<td>Supplier Engagement</td>
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- **Absolute Emissions Contraction** – An overall reduction in the amount of GHGs emitted to the atmosphere by the target year, relative to the base year (e.g., reduce annual CO2e emissions 35% by 2025, from 2018 levels).

- **Physical Intensity** – A reduction in emissions relative to a specific business metric, such as production output of the company (e.g., tonne CO2e per tonne product produced).

- **Economic Intensity** - Greenhouse Gas Emissions per Value Added (GEVA) - An intensity reduction of tCO2e/$ value added, where companies are required to reduce their GEVA by 7% per year.

- **Supplier Engagement** – A company commits to drive the adoption of SBTs amongst its suppliers or customers. Engagement targets may be set around any relevant upstream or downstream scope 3 category.
Scope 3 accounts for the vast majority of peer chemical company GHG emissions

Note: this figure is based on aggregated, anonymized company data
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**Scope 3 Categories**
1. Purchased goods and services
2. Capital goods
3. Fuel and energy related activities
4. Upstream transportation & distribution
5. Waste generated in operations
6. Business travel
7. Employee commuting
8. Upstream leased assets
9. Downstream transportation & distribution
10. Processing of sold products
11. Use of sold products
12. End-of-life treatment of sold products
13. Downstream leased assets
14. Franchises
15. Investments