

Chemicals Sector Overview

Chemical companies participating in the SBTi

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SCIENCE BASED TARGETS

DRIVING AMBITIOUS CORPORATE CLIMATE ACTION

PARTNER ORGANIZATIONS



IN COLLABORATION WITH



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

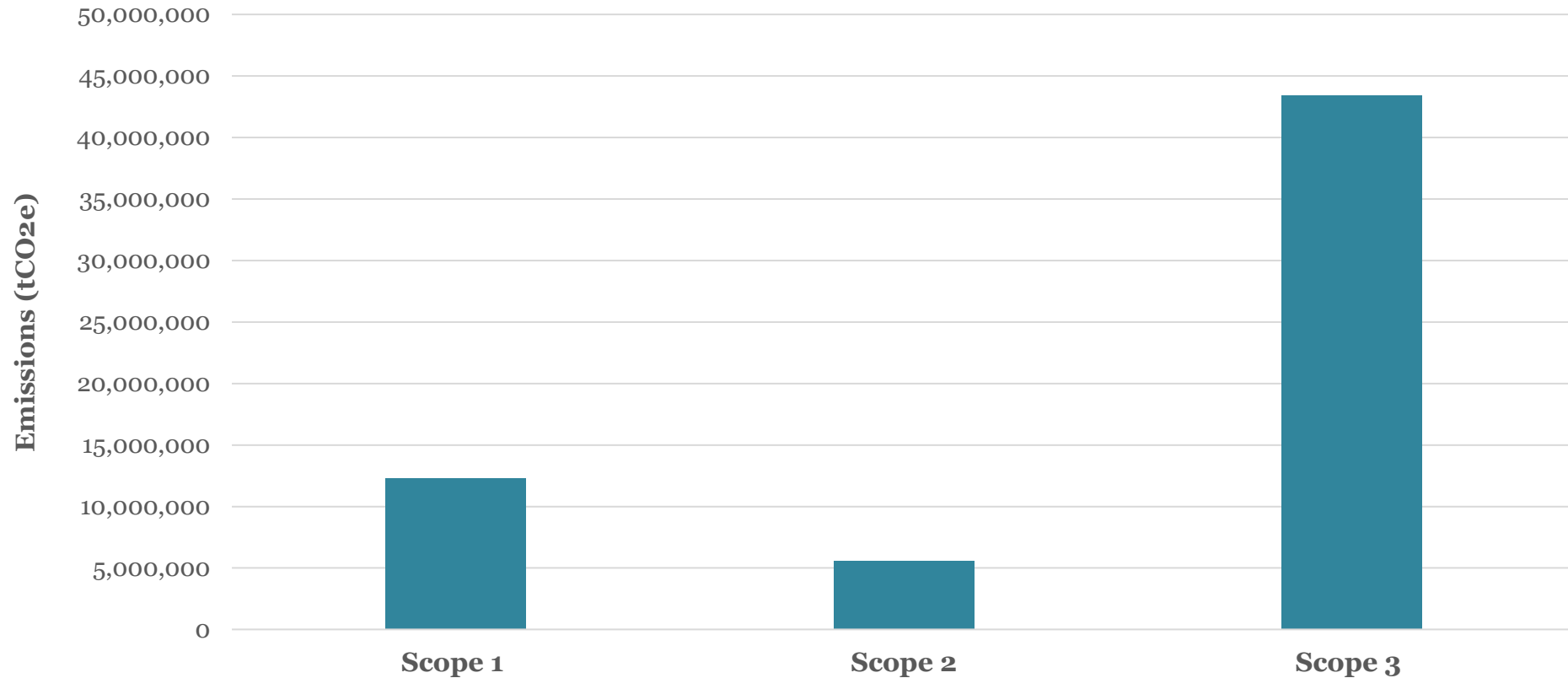
Methods used by chemical companies setting SBTs

A snapshot of adoption of SBTs by chemical companies

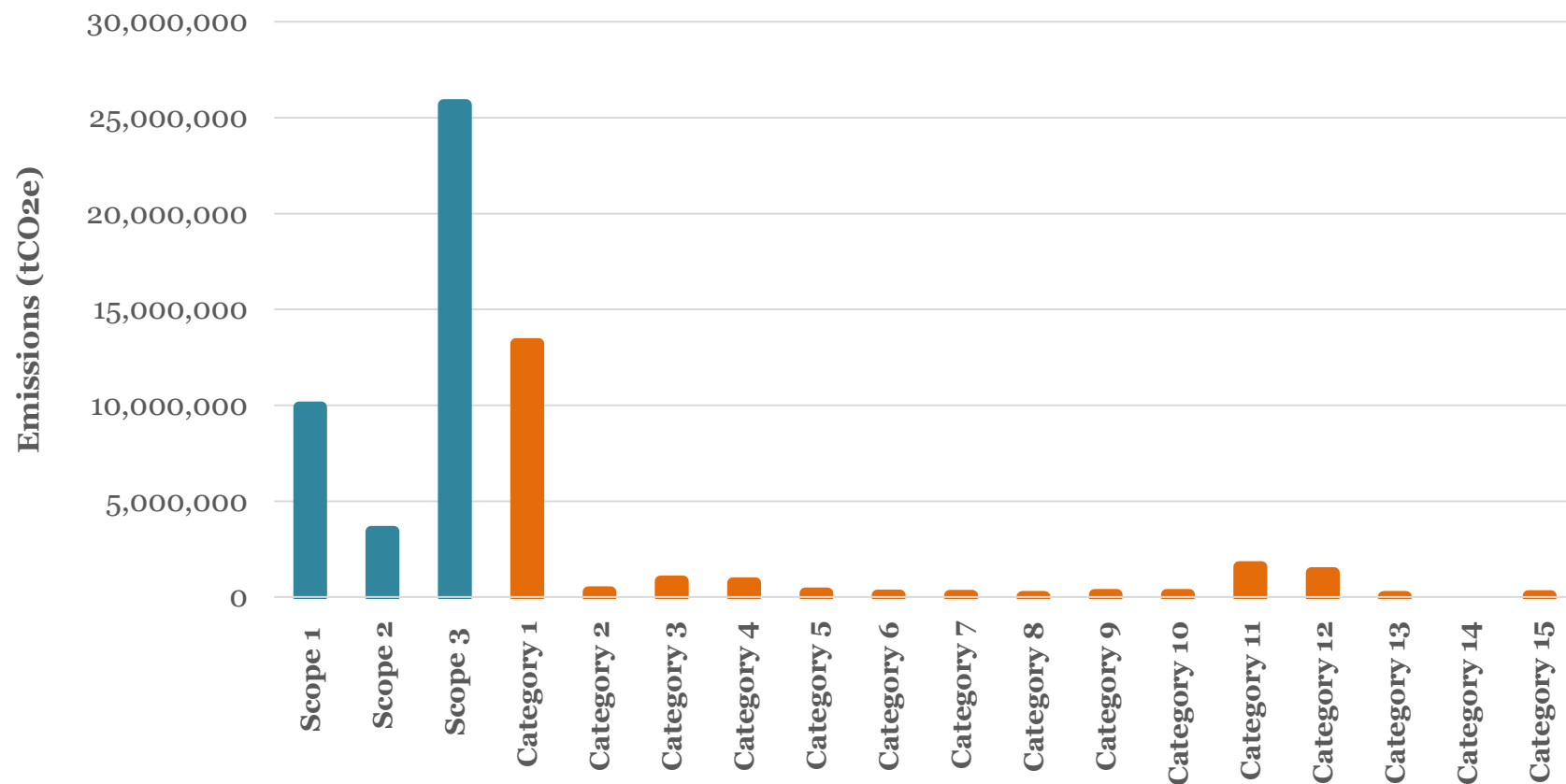
Company	Target Classification	Scope 1 and 2	Scope 3	Other Targets
Novozymes A/S	1.5C	Absolute	Absolute	Renewable Energy
Bayer AG*	1.5C	Absolute	Absolute	
Ecolab	1.5C	Absolute	Supplier Engagement	
Borregaard A/S	WB2C	Absolute	Absolute	
International Flavors & Fragrances Inc.	WB2C	Absolute	Supplier Engagement	
Syngenta	WB2C	GEVA	GEVA	
Royal DSM	2C	Absolute	Intensity	
Sumitomo Chemical Co., Ltd.	2C	Absolute	Supplier Engagement	
Sekisui Chemical Co., Ltd	2C	Absolute	Absolute	

- **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



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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