



**Sustainable Finance Disclosure  
Regulation (SFDR) Index**

2022

## Greenhouse Gas Emissions

	2022	Reference <sup>1</sup>
Scope 1 GHG emissions <sup>2</sup>	1.91 million metric tons of CO <sub>2</sub> equivalents	SR: Page 107
Scope 2 GHG emissions <sup>3</sup>	1.12 million metric tons of CO <sub>2</sub> equivalents	SR: Page 107
Scope 3 GHG emissions <sup>4</sup>	9.64 million metric tons of CO <sub>2</sub> equivalents	SR: Page 108
Total GHG emissions <sup>2, 3</sup>	12.67 million metric tons of CO <sub>2</sub> equivalents	
Active in the fossil fuel sector	No	
Share of non-renewable energy consumption	88.6%	SR: Page 109
Share of renewable energy consumption	11.3%	SR: Page 109
Share of renewable electricity consumption	32.6%	SR: Page 109
Energy consumption intensity per high impact climate sector	9,853 GWh <sup>5</sup>	SR: Page 109

## Biodiversity

	2022	Reference <sup>1</sup>
Sites/operations located in or near to biodiversity-sensitive areas	Using the international Integrated Biodiversity Assessment Tool (IBAT), we conducted a comparison of the geographical coordinates of our 553 production sites, plant breeding stations and research sites with those of internationally recognized protected areas (such as ASEAN Heritage Parks, Wetlands of International Importance according to the Ramsar Convention, Specially Protected Areas of Mediterranean Importance according to the Barcelona Convention, UNESCO-MAB Biosphere Reserves and World Heritage Sites). The comparison showed that 30 of our sites are located within 6 kilometers of such protected areas.	SR: Page 65

## Water

	2022	Reference <sup>1</sup>
Emissions into water	1,000 metric tons	SR: Page 115
Phosphorus	0.61	
Nitrogen	0.24	
Total organic carbon (TOC)	1.11	
Heavy metals	0.0035	
Inorganic salts	176	
Chemical oxygen demand (COD) <sup>6</sup>	3.33	

## Waste

	2022	Reference <sup>1</sup>
Hazardous waste	276,000 metric tons <sup>7</sup>	SR: Page 116

<sup>1</sup> SR: [Sustainability Report 2022](#) / AR: [Annual Report 2022](#)

<sup>2</sup> In line with the GHG Protocol, we also report the direct emissions resulting from the generation of energy for other companies that is sold as a site service. In 2022, these emissions corresponded to 0.13 million metric tons of CO<sub>2</sub> equivalents.

<sup>3</sup> Scope 2 emissions, market-based method

<sup>4</sup> Emissions from eight Scope 3 categories are of material importance to Bayer and together represent our total inventory of Scope 3 emissions: (3.1) purchased goods and services, (3.2) capital goods, (3.3) fuel- and energy-related activities, (3.4) (upstream) transportation and distribution, (3.5) waste generated in operations, (3.6) business travel, (3.7) employee commuting and (3.12) end-of-life treatment of sold products.

<sup>5</sup> Recalculated from reported 35,472 terajoules

<sup>6</sup> Calculated value based on TOC figures (TOC x 3 = COD)

<sup>7</sup> Definition of hazardous waste in accordance with the local laws in each instance

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**Social and Employee Matters**

	2022	Reference <sup>1</sup>
UN Global Compact principles and OECD Guidelines for Multinational Enterprises	Bayer is a founding member of the UN Global Compact and respects the Universal Declaration of Human Rights and the International Covenants on Civil and Political Rights and on Economic, Social and Cultural Rights of the United Nations. Our human rights due diligence is based on the human rights due diligence principles described in the UN Guiding Principles on Business and Human Rights (UNGPs) and the OECD Guidelines.	SR: Page 83
Unadjusted gender pay gap	2.51% <sup>8</sup>	
Board gender diversity	Board of Management: 16% women (1 out of 6) Supervisory Board: 45% women	AR
Exposure to controversial weapons: anti-personnel mines, cluster munitions, chemical weapons and biological weapons	No	

## Masthead

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<sup>8</sup> Data covering 62% of our employees globally. Countries covered: Argentina, Australia, Belgium, Brazil, Canada, China, France, Germany, India, Japan, Mexico, Philippines, Poland, Russia, Spain and United Kingdom