

Sustainability Statement



Preserve what matters

At Corbion, we exist to champion preservation in all its forms, preserving food and food production, health, and our planet. Sustainability is fully integrated into our strategy. Corbion has chosen to focus on SDG 2 (Zero hunger), SDG 3 (Good health and well-being) and SDG 12 (Responsible consumption and production) as the goals on which it believes it can create the most significant positive impact, given its business activities.



SDG2 or Zero hunger is about the transition to a sustainable food system, able to feed a growing population within the planetary boundaries. Corbion's solutions for shelf life extension, food safety, animal health and aquaculture support this transition. We also collaborate with our suppliers of agriculture-derived raw materials to promote sustainable agriculture.



SDG3 or Good health and well-being is about ensuring healthy lives and promoting well-being at all ages. Corbion's solutions for health care, pharma, nutrition and hygiene contribute to various of the underlying targets set for SDG3.



SDG12 or Responsible production and consumption is about the circular economy and also includes food waste reduction as a sub-target. Biobased chemicals and materials from Corbion play an essential role in promoting SDG12 and furthering the transition to a circular economy. Our work to create zero waste, to improve energy efficiency, reduce our carbon footprint and to implement gypsum-free production technology in our manufacturing plants also contributes to this goal.

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Sustainable Development Targets

Preserving food and food production

KPI	2030 Target ¹⁾	2025 Target ¹⁾	2021	2020
% of cane sugar verified responsibly sourced ^{4,8)} ✓	100%	100%	73%	66%
% of verified deforestation-free key agricultural raw materials ^{4,9)} ✓	100%	100%	82%	83%
% of products ²⁾ contributing to preserving food and food production ^{3,4)} ✓	-	-	30%	29%
% of innovation projects contributing to preserving food and food production ^{4,5)} ✓	-	-	62%	67%
% of Product Social Metrics ¹⁰⁾ coverage for products contributing to preserving food and food production ^{3,4)} ✓	100%	50%	34%	1%

Preserving health

KPI	2030 Target ¹⁾	2025 Target ¹⁾	2021	2020
Total Recordable Injury Rate ^{4,11)} ✓	< 0.25	< 0.5	0.66	0.84 ¹⁶⁾
% of sites certified according to internationally recognized food safety management system standards ^{4,12)} ✓	100%	100%	100%	100%
# of SIN ¹³⁾ list chemicals produced	0	0	0	0
# of EU REACH Candidate List chemicals produced	0	0	0	0
# of EU REACH Authorization List chemicals produced	0	0	0	0
% of products ²⁾ contributing to preserving health ^{3,4)} ✓	-	-	34%	33% ¹⁶⁾
% of innovation projects contributing to preserving health ^{4,5)} ✓	-	-	77%	87%
% of Product Social Metrics ¹⁰⁾ coverage for products contributing to preserving health ^{3,4)} ✓	100%	50%	35%	1%

Preserving the planet

KPI	2030 Target ¹⁾	2025 Target ¹⁾	2021	2020
% biobased raw materials ⁹⁾ ✓	> 95%	> 95%	98%	98%
Renewable electricity ✓	100%	90%	79%	71%
Reduction of Scope I, II emissions ¹⁴⁾ ✓	-	-	40%	32% ¹⁷⁾
Reduction of Scope I, II, III emissions (SBTi-approved target) ¹⁴⁾ ✓	33%	20%	27%	20% ¹⁷⁾
% recycled by-products ⁶⁾ ✓	100%	100%	97%	98%
Landfill of waste ✓	0	-	1.8 kT	1.8 kT
% of products ²⁾ contributing to preserving the planet ^{3,4)} ✓	-	-	49%	49% ¹⁶⁾
% of innovation projects contributing to preserving the planet ^{4,5)} ✓	-	-	62%	73%
% of Life Cycle Assessment ¹⁵⁾ coverage for products contributing to preserving the planet ^{3,4)} ✓	100%	100%	86%	80%

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- 1 Targets based on current manufacturing footprint; to be reviewed in case of acquisitions / major changes.
 - 2 By revenue.
 - 3 Products for which there is evidence that the product contributes to the identified impact categories. See Sustainability statements for more details.
 - 4 Not included in review by external auditor in 2020
 - 5 Innovation projects targeting the development of products that contribute to the identified impact categories, by number of projects. Only adjacent and transformational innovations are included. Projects aimed at optimizing existing value propositions for existing customers are not included. See Sustainability statements for more details. The 2020 data have been restated, because we adjusted the definition of the denominator (in 2020 defined as expected revenues in 5 years).
 - 6 By quantity.
 - 7 By number, based on Corbion's security-of-supply assessment methodology.
 - 8 Bonsucro-certified or meeting the requirements of Corbion's cane sugar code verified by third-party audits, by quantity.
 - 9 Through Bonsucro certification, RSPO certification, or other certification covering deforestation; or demonstrated to be deforestation-free based on satellite data, third-party audits (e.g. Corbion cane sugar code audit), and/or country of origin statements, by quantity. Key agricultural raw materials include cane sugar, dextrose derived from corn, palm oil and derivatives, soy-bean oil and derivatives, and wheat, by quantity
 - 10 The Product Social Metrics assessment is done according to the methodology described in the Handbook for Product Social Impact Assessment, published by the Roundtable for Product Social Metrics and applies to products manufactured at Corbion sites (outsourcing is excluded). By quantity.
 - 11 Based on OSHA guidelines. Including contractors. In 2020 excluding our facility in Araucária (Granotec do Brazil) which was acquired in 2019.
 - 12 Applies to sites where food ingredients are produced, by number. Standards recognized by the Global Food Safety Initiative (GFSI): BRC, FSCC22000, SQF.
 - 13 The Substitute It Now (SIN) list is a list of hazardous chemicals that have been identified as being Substances of Very High Concern, based on the criteria defined within REACH, the EU chemicals legislation. The SIN list is developed by the non-profit organization ChemSec.
 - 14 We report our emissions in accordance with the Greenhouse Gas Protocol per metric ton of product. Our Science Based Target includes Scope I emissions from direct production (from natural gas), Scope II emissions from purchased energy (electricity and purchased steam, market-based), and Scope III emissions related to key raw materials and transport. Our full Scope III emissions and biogenic emissions are reported in the Sustainability statements. Our 2030 target is approved by the Science Based Targets initiative. Progress is reported against 2016 as base year.
 - 15 Life Cycle Assessment (LCA) is peer reviewed according to ISO 14040/44 standards for Corbion's core products (such as lactic acid) or done according to the "LCA Approach for Corbion's Product Portfolio: Lactic acid derivative plants, Corbion 2017," which has been externally reviewed against and is considered to be in line with the principles of the ISO 14040/44 standards. Applies to products manufactured at Corbion sites (outsourcing is excluded). By quantity.
 - 16 Restated due to data quality improvements.
 - 17 Restated due to data quality improvements and updated scope. In line with the requirements of the Science Based Targets initiative, the scope is corrected for acquisitions and divestments.
- √ = reviewed by external auditor

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Statements, codes and policies

Statements, codes and policies regarding relevant Sustainability topics can be found on our [website](#).

Certifications, ratings

- [Bonsucro](#)
- [RSPO](#)
- [Sedex Members Ethical Trade Audit \(SMETA\)](#)
- [Ecovadis](#)
- [CDP](#)
- ISO14001 (international standard that specifies requirements for an effective environmental management system)
- OHSAS 18001 / ISO 45001 (international standard that specifies requirements for an occupational health and safety management system)

Commitments

- UN Global Compact
- RE100
- Science Based Targets initiative