

Working with the SDGs

Sustainability has been integral to Novozymes for decades. We are proud that our solutions contribute to one or more of the Sustainable Development Goals (SDGs), directly or indirectly. Every day, we strive to do our part to deliver on the SDGs, from the core of our business and right through our operations.

When 193 UN member states created the SDGs in 2015, we immediately saw the SDGs as a common framework that could enable the world to work towards the sustainable future we all want. The SDGs have inspired our purpose, strategy and targets and, by the very nature of our business, we have made significant progress in delivering on the goals since then.

Novozymes produces a wide range of enzymes and microorganisms for many applications. Our solutions enable our customers to produce more from less, often reducing the use of energy and chemicals as well as CO₂ emissions. We live our purpose when we help our customers make their production processes and products better for the world, thereby contributing to the SDGs as well.

Through our strategy, Better business with biology, we are committed to developing

solutions that can contribute to solving three global challenges: Climate, Water and Production and Consumption. We are also committed to operating our business responsibly and investing to minimize our negative environmental footprint. We are investing in new strategic opportunity areas, including Human Oral & Gut Health and Specialty Alternative Proteins. These are opportunities that are inspired by the challenges embodied in the SDGs. They cater to a growing desire among consumers to live lives that are better for themselves and the environment.

Here are some examples of how our business and solutions contributed to the SDGs in 2020.

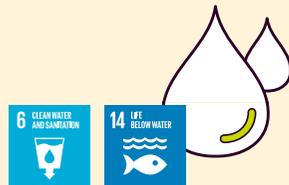


See also “Novozymes and the global goals” for more details about how we contribute to the SDGs

Where we impact significantly



Supporting sustainable food production and resilient agricultural practices



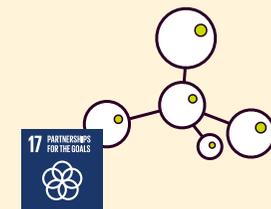
Fewer chemicals, cleaner water



Enabling a low carbon future



Enabling our customers to produce more from less



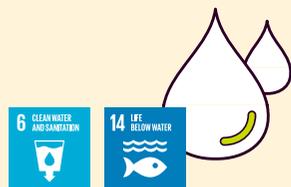
Partnering for impact



Supporting sustainable food production and resilient agricultural practices

Goal 2: Zero hunger

Our solutions enable our agriculture customers to improve performance across the value chain from farm to table. Microbial solutions for agriculture help farmers increase the efficiency of crop and livestock production, reduce environmental impacts and improve climate resilience. In 2020, we launched TAEGRO® - a biocontrol solution for fruit and vegetables which enables farmers to protect their yield while reducing the use of fossil-based chemical fertilizers.



Fewer chemicals, cleaner water

Goal 6: Clean water and sanitation

Goal 14: Life below water

Our solutions help our customers reduce their consumption of water, reduce wastewater and reduce aquatic pollution by reducing the use of harsh chemicals that often end up in aquatic environments.

In 2020, we launched Microvia®, a bacterial bio-cleaning solution for hard surface cleaners which reduces the use of chemicals. Our launches in agriculture and food production also reduce the use of chemicals and the resulting nutrient pollution impact from our customers. We also partnered with WWF to help us develop programs for water management influenced by the local water challenges and current and future conditions of water – at all our sites.



Enabling a low carbon future

Goal 7: Affordable and clean energy

Goal 13: Climate action

Novozymes is committed to help the world limit global warming through our actions across the value chain. We are committed to playing our part to limit the increase in global warming to 1.5°C. and to making Novozymes carbon-neutral by 2050. Many of our solutions reduce the carbon intensity of the processes they are applied in.

Our solutions enable the development of low-carbon fuels for the transport sector, which represents a significant share of the global energy mix and related CO₂ emissions. In 2020, our bioenergy solutions helped save 49 million tons of CO₂. We are also a member of the RE100, a global initiative working with companies that have committed to 100% renewable electricity.

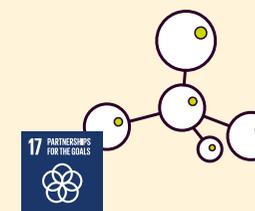


Enabling our customers to produce more from less

Goal 12: Responsible production and consumption

Our solutions enable our customers to produce more from less across many industries. In 2020, we launched Quara Boost® and Lphera® which help food processors produce more oils and starch from their feedstocks, while reducing their use of energy and processing chemicals.

We celebrated the 30th anniversary of our baking solution Novamy!® in 2020. Over the years, it has saved 80 billion loaves of bread from being thrown out, which - in addition to the reduced food waste – has also saved an estimated 45 million tons of CO₂.



Partnering for impact

Goal 17: Partnership for the goals

Our most significant contributions to society are driven through collaborations with our customers, governments, suppliers and academia to learn, develop and deliver solutions to the most pressing needs of society.

In the EU, Novozymes has worked strategically with the EU Green Deal through various industry organizations and supported the EU Commission's action plan to address climate change and environmental degradation. In 2020, we joined the 'Climate Partnership for Life Science & Biotech' partnership, one of many climate partnerships put forward by the Danish government.

We also co-drive an open innovation platform, Hello Science, where we invite partners and innovators to solve the key challenges defined by the SDGs.