

Novozymes fact sheet

Company profile

Novozymes is the world leader in bioinnovation. Our business is industrial enzymes and microorganisms.

Enzymes are proteins, and in nature they initiate biochemical reactions in all living organisms. It is enzymes that convert the food in our stomachs to energy and turn the falling leaves in the forest to compost.

Novozymes finds enzymes in nature and optimize them for use in industry. In industry, enzymes replace chemicals and accelerate production processes. They help our customers make more from less, while saving energy and generating less waste.

Enzymes are widely used in laundry and dishwashing detergents where they remove stains and enable low-temperature washing and concentrated detergents.

Other enzymes improve the quality of bread, beer and wine, or increase the nutritional value of animal feed. Enzymes are also used in the production of biofuels where they turn starch or cellulose from biomass into sugars which can be fermented to ethanol.

These are just a few examples as we sell enzymes to more than 40 different industries.

Like enzymes, microorganisms have natural properties that can be put to use in a variety of processes. Novozymes supplies a range of microorganisms for use in agriculture, animal health and nutrition, industrial cleaning and wastewater treatment.

Novozymes is quoted on NASDAQ OMX Copenhagen (NZYM B).

Headquarters and affiliates

- Novozymes' headquarters are located in Bagsvaerd just outside of Copenhagen, Denmark
- Production in Argentina, Brazil, Canada, China, Denmark, India and the United States.
- Affiliates and sales offices in more than 30 countries

History

Novozymes was founded in 2000 in a demerger from pharmaceutical company Novo Nordisk. Novozymes' roots date back to the 1920s when *Novo Terapeutisk Laboratorium* and *Nordisk Insulinlaboratorium* were established in Copenhagen, Denmark. Enzyme production began in 1941.

Executive leadership team

- President & CEO: Peder Holk Nielsen
- Finance, IT & Legal: EVP & CFO Prisca Havranek-Kosicek
- Research, Innovation & Supply: EVP & COO Thomas Videbæk
- Agriculture & Bioenergy division: EVP Tina Sejersgård Fanø
- Food & Beverages division: EVP Andrew Fordyce
- Household Care & Technical division: EVP Anders Lund

Sustainability

Together, we find biological answers for better lives in a growing world. Let's Rethink Tomorrow. This is Novozymes' purpose statement. Novozymes strives to have great impact by balancing good business for our customers and our company, while spearheading environmental and social change.

In 2017, the worldwide application of our products helped our customers reduce their CO₂ emissions by an estimated 76 million tons. It is our ambition to enable a 100 million ton reduction in CO₂ emissions in 2020.

Key figures

- Sales: DKK 14.531 billion (2017)
- EBIT margin: 27.9% (2017)
- Market share in industrial enzymes: 48% (2017)
- R&D: We invest ~13% of our revenue in research and development. Novozymes holds over 6,500 granted or pending patents
- Workforce: 6,245 employees. Denmark (2,631), North America (1,277), Asia Pacific (1,815), Europe (173), Latin America (349) (December 2017)



- Europe/MEA 36%
- North America 34%
- Asia Pacific 20%
- Latin America 10%



- Household Care 32%
- Food & Beverages 28%
- Bioenergy 18%
- Agriculture & Feed 15%
- Technical Industries 7%