

# Environmental Footprint

Lundbeck's research, development and manufacturing activities are largely based on chemical synthesis, meaning we use considerable amounts of organic solvents and energy, generating waste and air emissions.

In our business and throughout our value chain we Focus on reducing consumption, emissions and waste. We manage our environmental impacts through our integrated Health, Safety and Environment (HSE) strategy and ISO 14001-certified HSE management system that covers research, development, manufacturing in DK, I and Fr as well as our headquarter functions.

## Our commitment

For several years, the HSE strategy and the HSE system has yielded a number of significant results. It has enabled us to safely manufacture pharmaceuticals while using less energy and emitting less CO<sub>2</sub> than ever before.

Environmental considerations are integrated already when developing new products and processes. We seek to apply green chemistry and circular economy principles and optimize our synthesis to have high process yield and to use the least harmful substances and apply processes that pose the lowest risk to the environment. In the production phase, recycling of organic compounds is a way to gain both environmental and financial benefits. This has allowed us to eliminate the need for thousands of tons of virgin materials and reduced resources for production, transportation, and waste management.

Based on an Environmental Risk Assessment Lundbeck also monitors the environmental effects of the active pharmaceutical ingredients in our new medicinal products. The knowledge gained is applied in manufacturing processes resulting in the least possible environmental impact.

## Our future challenges and opportunities:

- Contributing to the development of environmentally sound technologies e.g. implementation of continuous processes in the production.
- Systematically performing risk assessments prior to new facilities, buildings and processes.
- Continuously minimizing the use of raw materials and reducing air emissions and generation of waste by recycling of organic compounds, process optimizations and circular economy.
- Supporting initiatives to improve data quality and to minimize the presence and effects of pharmaceuticals in the environment. See our *Position on Biodiversity*.
- Developing and maintaining the environmental principles in the Lundbeck Supplier Standards.
- Continuously reducing our CO<sub>2</sub> emissions. See our *Position on Climate Change*.
- Continuously reducing our water consumption. See our *Position on Water*.
- Keeping an open and honest dialogue with our stakeholders e.g. by reporting our performance in our Sustainability Report and [Carbon Disclosure Project](#) (CDP).

In our latest Sustainability Report on [www.lundbeck.com](http://www.lundbeck.com) you can read more about our activities and performance.