

Novo Nordisk A/S Environmental & Social Sustainability

Driving change towards **zero environmental impact** and **reaching more vulnerable patients** through collaboration across PSQIT

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Climate change poses a significant threat to human health



Global warming is expected to **exceed 1.5 degrees** unless deep reductions in CO₂ emission are achieved¹



Today, 25 million people living with diabetes require humanitarian assistance².



The health impacts of climate change are disproportionately affecting the most vulnerable and disadvantaged people³

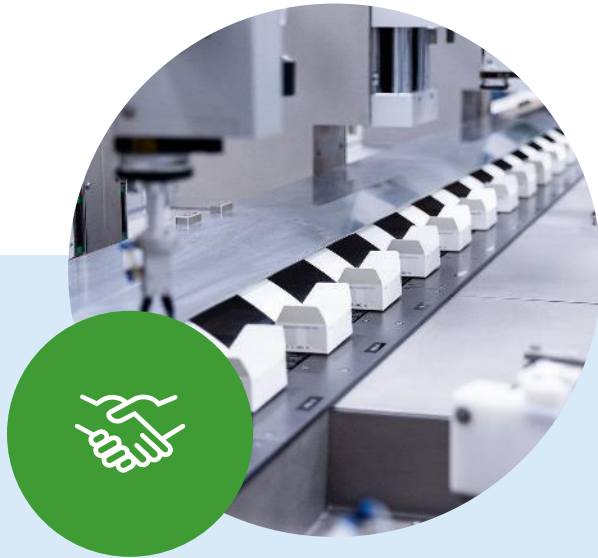


(1): IPCC, 2021: Summary for Policymakers. In: Climate Change 2021: The Physical Science Basis. Contribution of Working Group I to the Sixth Assessment Report of the Intergovernmental Panel on Climate Change

(2): [UN OCHA \(2022\)](#), [Int. Diabetes Federation \(2021\)](#)

3) WHO, 2021 report: *The Health Argument for Climate Action*

Working across the value chain to achieve zero impact



CIRCULAR SUPPLY

Engage with suppliers to minimise the environmental impact from what we buy



CIRCULAR COMPANY

Reduce environmental impact from own operation



CIRCULAR PRODUCTS

Minimise the environmental impact from our products, also after use

Net Zero by 2045, scope 1, 2 and 3



Scope 1

Company owned or controlled resources



Scope 2

Purchased energy



Scope 3

All emissions outside own operations—from goods purchased to disposal of products

Future outlook: Key environmental themes ahead

1 Emissions (and Energy)



2 Water

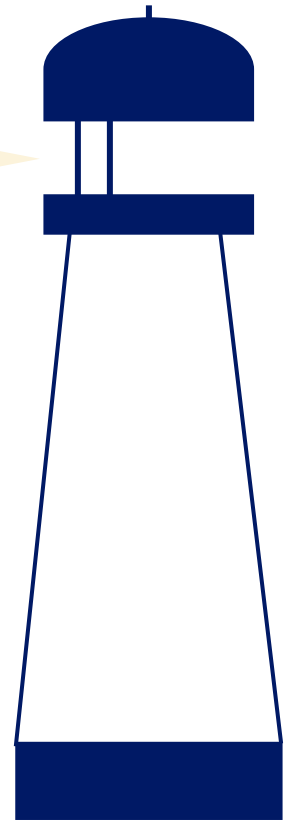


3 Plastic



Biodiversity

is also becoming an increasingly important factor in business decisions going forward



Sustainable Markets Initiative is a healthcare industry collaboration aiming for net-zero health system



Taskforce members



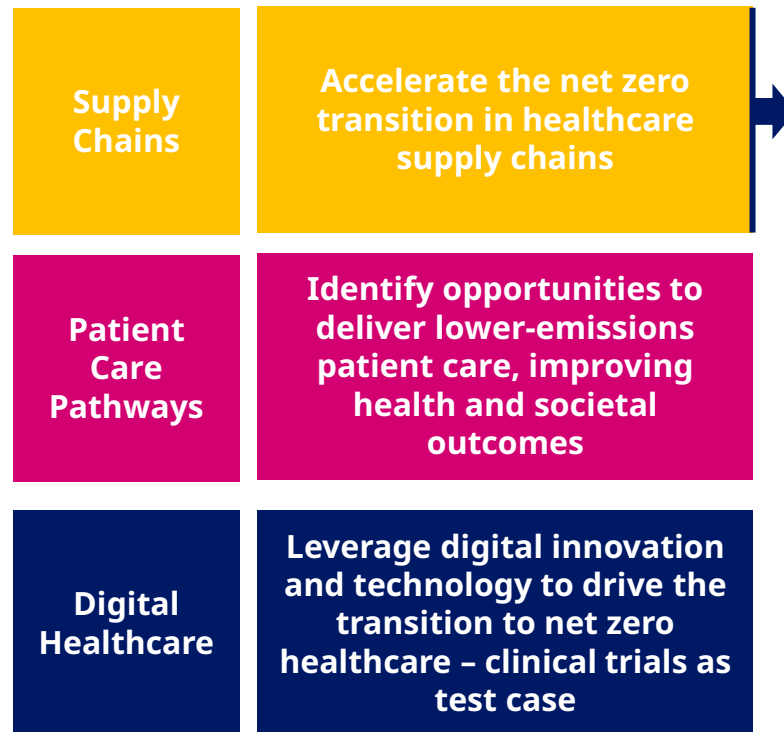
3 Working groups



Supply Chain initiatives



Aim: To decarbonize the Healthcare sector through delivering concrete actions by COP27 and through leadership with the creation of whitepapers.



- Set **shared supplier standards**
- Offer **green power deals** (PPAs) in APAC-*“Energize”*
- Create new **clean heat** programmes – *“Heatize”* – explore joint pilot in China
- Buy into **clean logistics** offering – *“Transportize”*

Decarbonising Product Distribution by 2030 requires multiple solutions including new technologies

Novo Nordisk is committed to Net Zero emissions by 2045 - Product Distribution is a key focus for 2030.



Decarbonising supply chains is a multi-disciplinary effort to optimise operations and invest in new technologies



Moving up the value chain to invest in bio-fuels



Zero CO₂ in Product Distribution

Net zero across value chain

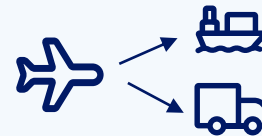
Reduce distributed ton-km



Improve asset utilisation



Shift to greener mode



Invest in new technologies

