

The first steps towards a sustainable future

Innovating for tomorrow

NGI A/S
sustainability brief 2022

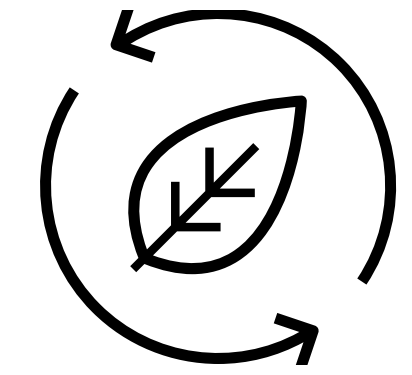




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Sustainability has long been
at the heart of our business
strategy and operations

A message from our CEO



together
towards a
sustainable
future



Jan Nygaard
Managing Director

Our founder, Knud Nygaard, strongly believed that prioritizing the well-being of his employees and building strong relations based on mutual trust and loyalty is a fundamental part of running a successful business.

This admirable mindset still guides how we do business today - 50 years later. We want to provide our employees with a safe, informal and diverse workspace that they are proud to be a part of - they are not just employees but a part of the family and constitute NGIs DNA.

Throughout the years, our scope for social accountability has grown. We are taking more initiatives to support a sustainable future and protect the next generation - we still have a long way to go, however, we are currently taking initiatives within the following areas:

The Co2 footprint of our products.

Taking initiatives to lower this across the value chain e.g. working with our purchase of materials and logistics to drive down our Co2 footprint.

Innovation of our products.

When innovating new products, they must be designed to be more sustainable and recyclable than what the market offers today.

Renewable energy.

Our goal is to harness from the Danish focus on renewable energy, therefore, all production-related electricity is powered by wind energy as of 2021.

Waste products.

We are working with the optimization of waste products so that as much as possible is recycled or incinerated.

Carbon Footprint

Of our products

The first step is to gather information about the current level and how it is composed.

More than 90 % of the Co2 footprint from NGI's products is related to the materials used for manufacturing. Approximately 7 % comes from transport from subsuppliers.

We will be working with our purchase of materials and logistics in order to drive down the Co2 footprint.



Machine feet

3,48 kg/Co2-eq



Castors

5,97 kg/Co2-eq

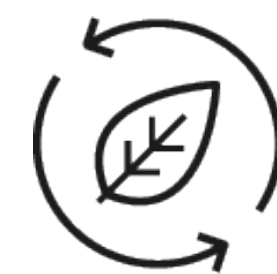


Bearing Houses

7,29 kg/Co2-eq

Product Innovation

Innovating for tomorrow
Investing in research & development



Stainless steel - Recyclable materials

80% of our products can be recycled. We are working on initiatives to make this percentage even higher.



Hygienic seals - Resource saving

Permit easy access for cleaning and reduce water consumption.



High Quality - Longer lifetime

Our products are very high quality which means they have a longer lifetime than corresponding components.



Hygienic design - Protecting consumers

We make sure that the components do not constitute a hygiene risk through innovative and uncompromising design.

Renewable Energy

The NGI production

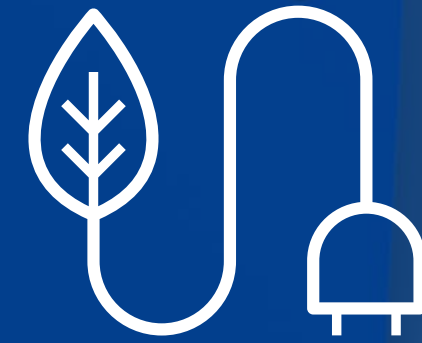
At NGI we know exactly which parts of our production facilities use the most power: 40 % goes to vulcanization, 21 % to CNC machines, 12 % to ventilation/extraction and 11 % to the air pressure generator.

Everyday, we focus on optimizing our processes in order to create a more sustainable and efficient production. In 2021 we switched to using energy generated by wind turbines and therefore significantly lowered our Co2 emission.



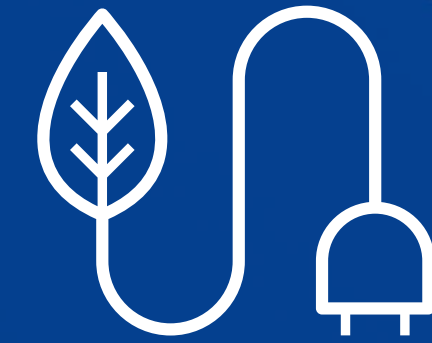
2019

Co2 = 237 ton/year



2020

Co2 = 228 ton/year



2021

Co2 = 88 ton/year

83%

Of waste recycled

By 2025



Waste Products

At the NGL production Facilities

- Recycling

2019: 66,5 %

2020: 66,4 %

2021: 77,7 %

83%

 By 2025

- Incineration

2019: 18,8 %

2020: 16,9 %

2021: 14,8 %

12%

 By 2025

- Landfill

2019: 14,7 %

2020: 16,6 %

2021: 7,5 %

5%

 By 2025

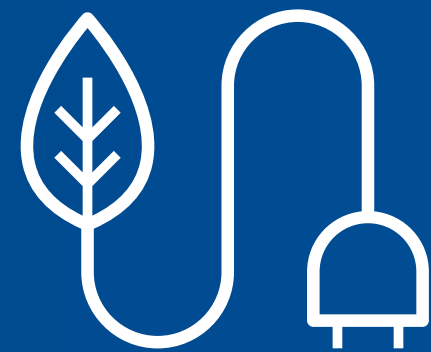
Product lifecycle

We take ownership of our products in every step of their lifecycle



Innovation

We are committed to innovating more sustainable products - with a longer lifetime - than what is on the market today. We focus solely on recyclable material that can re-enter into the product lifecycle.



Manufacturing

We harness from the Danish focus on renewable energy and all production-related electricity is supplied by wind energy.



Consumption

By using our products our customers save valuable water resources and minimize the use of e.g. cleaning detergents and lubrication. By minimizing time needed for cleaning, the users also conserve energy.



Recycling

Via our responsible return concept we take back discarded products from our customers and ensure that the material is recycled. Our customers in turn receive a Responsible Waste handling certificate.

Case Stories

We take a range of concrete initiatives in house in order to prepare for tomorrow and improve sustainability. You can click on the cases below to learn more.



Retrofit of led light
Reducing annual Co2
emmission by 67 %



Energy Examination
Reducing annual Co2
emmission by 33 %



Recycling Rubber
Reducing annual Co2
emmission by 60 %



Recycling Water
Reducing annual Co2
emmission by 94 %

Thank you

For your interest in our sustainability initiatives



Our latest rating by
EcoVadis

www.ngi-global.com/sustainability