




# Neste's solutions for renewable polymers and chemicals

Creating a healthier  
planet for our children

Learn more: 

## Neste Facts & Figures (2021)

 Founded in 1948	C. 4,900 employees 
25% of employees work in innovative research, product development and engineering.	Revenue of EUR 15.1 bn 

## In the polymers and chemicals industry, Neste

- supports the industry in replacing fossil resources with more sustainable alternatives.
- enables the transformation towards more sustainable solutions.
- offers Neste RE™, a drop-in solution made entirely out of renewable and recycled raw materials.

## First things First: Why does the world need renewable and circular solutions?

Climate change and plastic waste pollution send a strong signal: It's time to take action now! Every individual, and even more so the industry, is called upon to find smart solutions for greenhouse gas emissions reduction and responsible use of resources. Our approach: Let's strengthen circularity on a global scale – and transform the industry together.



**Mercedes Alonso**  
Executive Vice President,  
Renewables Polymers and  
Chemicals, Neste



**“There is an urgent need to transform the polymers and chemicals industry away from fossil resources and towards more sustainable solutions. We have to establish a circular economy and we have to do it fast. It will require a mix of renewable and recycled solutions to get us there. We want to be a partner for the industry as well as brand owners looking for more sustainable solutions and enable them to make the switch.”**

## What is Neste's business with renewable solutions about?

Neste is on a journey to becoming a global leader in renewable and circular solutions. The company was founded in 1948 in Finland. Today we are the world's leading producer of sustainable aviation fuel and renewable diesel as well as renewable feedstock for the polymers and chemicals industry. Led from Düsseldorf, the Neste Renewable Polymers and Chemicals team offers renewable and circular feedstock solutions. Our aim is to support the polymers and chemicals industry in its transformation to replace fossil resources.

## How can Neste help the polymers and chemicals industry replace fossil resources?

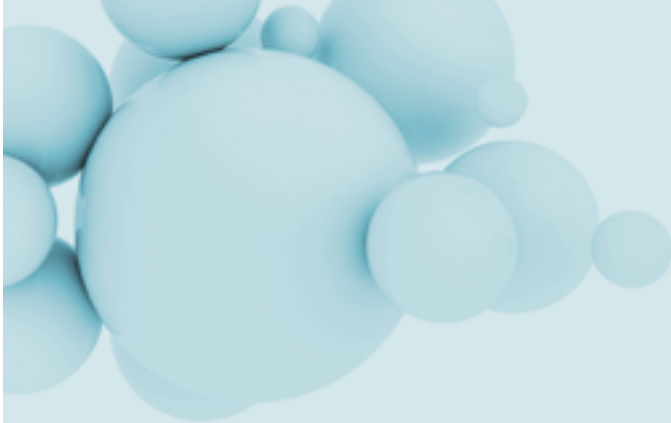
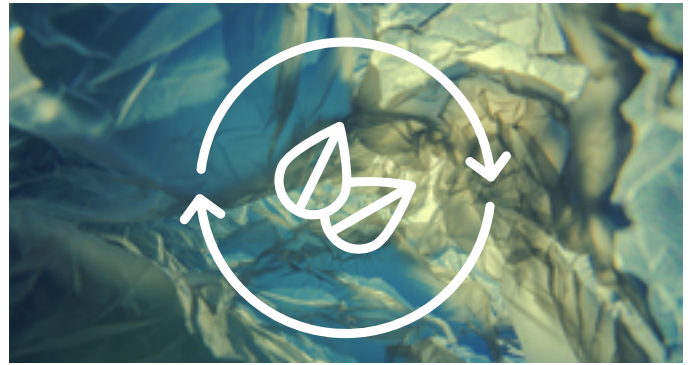
Neste offers Neste RE™, a feedstock alternative to fossil resources. It is made entirely out of renewable and recycled raw materials. The drop-in solution can be used on its own or in a blend to create products of identical quality to those made out of conventional raw materials, while reducing the dependency on fossil resources.



**NESTE**

## What's the technology behind?

Using Neste's proprietary NEXTBL (Next Generation Biomass to Liquid) technology, we process renewable raw materials such as waste and residue oils and fats into a wide variety of renewable products. At the same time, we are advancing chemical recycling to process otherwise hard-to-recycle waste plastic into feedstock for new polymers. The output of both streams are pure hydrocarbons – a high-quality feedstock for polymers and chemicals.



## What can Neste do for its clients in the industry?

Together with value chain partners ranging from production partners (such as steam crackers) to global brand owners, we bring renewable and recycled drop-in solutions into the polymers and chemicals value chain. Our assessment shows a greenhouse gas emission reduction of more than 85%\* over the life cycle when renewable Neste RE™ was used to replace conventional fossil feedstock in the chemical and polymers industry. With chemical recycling, we turn waste plastic into a valuable resource, combating waste plastic pollution.

\*from 100% renewable waste and residue raw materials. Cradle-to-gate approach including end-of-life according to the LCA standards ISO 14040, ISO 14044, and ISO 14067.

## Examples of our partnerships



**German coffee maker Tchibo** is committed to sustainability. Teaming up with Berry and Neste allowed the company to find a sustainable solution for their coffee capsules without compromising on quality.

Learn more about how renewable Neste RE™ found its way into the polypropylene for the Tchibo capsules:

[Read more >](#)



**MAM** has been creating innovative and unique baby products such as soothers and baby bottles for more than 45 years. Thanks to a cooperation with Neste and Borealis, it launched its first climate-neutral soother.

Learn more about the manufacture of Borealis Borneables™ polypropylene with renewable Neste RE™ feedstock:

[Read more >](#)

## Contact us

If you wish to contact our sales team or to discuss partnership opportunities related to our renewable and circular solutions for polymers and chemicals click the button below:

[Contact >](#)

Learn more about Neste RE™:

[Products >](#)

Neste Corporation  
Keilaranta 21  
P.O. Box 95  
FI-00095 NESTE, Finland  
Tel: +358 10 458 11  
[www.neste.com](http://www.neste.com)



**NESTE**