

Neste RE Renewable and Recycled™ – plastics revolutionized



Creating a Future where all plastics and chemicals are made of renewable and recycled materials.

NESTE RE 
Renewable and Recycled



Creating a world where plastics and chemicals are produced from renewable and recycled materials

Neste is in the business of combating climate change and driving the shift towards a circular bioeconomy. We refine waste, residues and innovative raw materials into sustainable feedstock for plastics and other materials. With our solutions, our customers and partners in the polymers and chemicals as well as in the transport and aviation sectors can make their business and offerings more sustainable.

Neste RE Renewable and Recycled™ for more sustainable plastics and chemicals

Neste RE is a perfect solution for conscious brands looking for ways to make their products and offerings more sustainable and the use of plastics more responsible.

Drop-in solution

Neste RE is a drop-in replacement to commonly used fossil feedstock in the production of polymers and chemicals. It is suitable for current production infrastructures and can be used to produce more sustainable products. It can be used on its own or in a blend. The quality of materials produced with Neste RE is identical to traditional plastics. Neste RE can be safely used in a wide variety of applications, even in sensitive ones such as in food contact, toys and in healthcare and medical applications.



Benefits of Neste RE

Neste RE can help you reach your sustainability targets, whether related to circularity, climate emissions or reducing reliance on fossil resources. Neste RE is globally available today.

Accelerating circularity

As Neste RE is produced of bio-based waste and residues and chemically-recycled plastic waste, it contributes to a circular economy. Upgrading plastic waste into high-quality chemicals and new plastic products reduces the need to tap into virgin fossil raw materials. Using waste as a raw material helps the plastics industry in its transformation towards a circular economy.

Combating plastic pollution

With Neste RE, companies can introduce recycled content into their high-quality, high-performance products. Offering new life cycles to plastic waste contributes to a circular economy and helps combat plastic pollution. We can work towards preventing plastic litter from entering the environment through creating value and new uses for plastic waste streams that are currently not recycled.

Climate-friendlier products

Neste RE is a product that does not contain virgin fossil oil, which makes it a climate-friendlier alternative. Reducing fossil oil dependency and consumption provides clear and measurable climate benefits. Replacing fossil oil based feedstock with Neste RE from renewable raw materials can significantly reduce the carbon footprint of the end products. A life cycle assessment (LCA) study conducted by Neste and critically reviewed by an external panel of experts shows that the use of 100% renewable Neste RE reduces greenhouse gas (GHG) emissions by more than 85% when replacing fossil feedstock.*

Recyclable

Materials produced with Neste RE are suitable for reuse and recycling after use similarly to traditional plastic. This helps increase circularity of plastics, which reduces landfilling and incineration of this valuable material.

*Life Cycle Assessment on Environmental Impacts of Neste Renewable Polymers and Chemicals (30 June 2021)

Neste in a nutshell

The world's leading producer of renewable diesel and sustainable aviation fuel, and a forerunner in renewable and recycled feedstock solutions for the polymers and chemicals industry.

Focused on creating solutions for combating climate change and accelerating a shift to a circular economy. Developing chemical recycling to combat the plastic waste challenge.



Refining waste, residues and innovative raw materials into renewable fuels and sustainable feedstock for plastics and other materials.



Consistently included in the Dow Jones Sustainability Indices and the Global 100 list of the world's most sustainable companies

Let's collaborate!

Wish to contact our sales or discuss partnership opportunities related to our renewable and circular solutions for polymers and chemicals, please visit our website:

www.neste.com/products/all-products/plastics/contact-us

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