

Plastic waste: A global concern

While plastic is a necessary and useful part of food packaging, its manufacture depletes natural resources and contributes to climate change. And currently, only **9%**¹ of plastic is recycled – the rest is either incinerated or landfilled. **This is unsustainable.**



1. Source: <https://www.unenvironment.org/interactive/beat-plastic-pollution/>

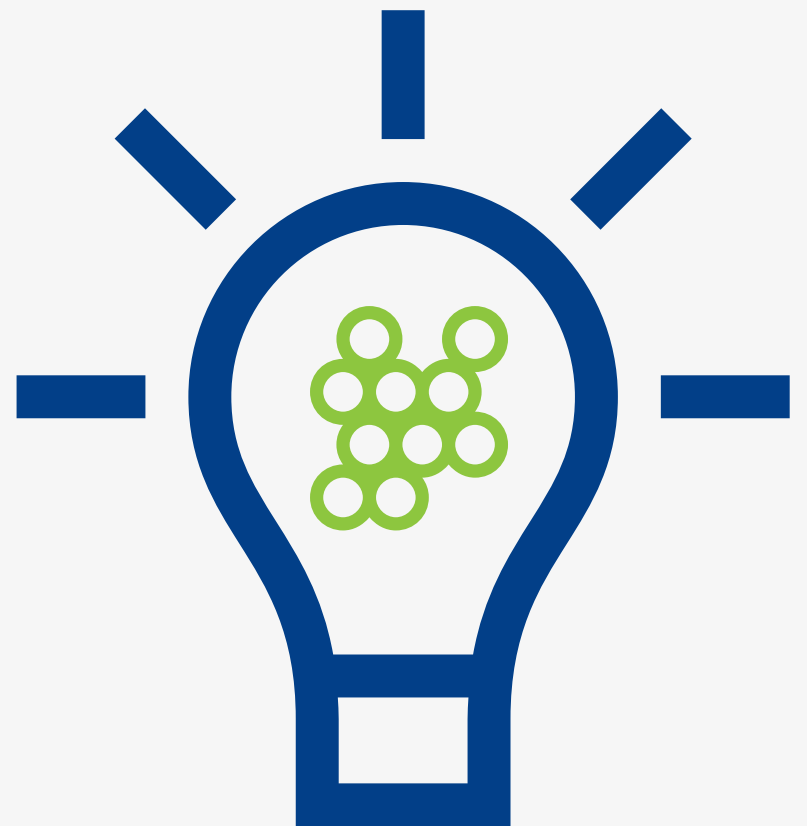
2040 consumption based on current growth²



2. Source: Breaking the Plastic Wave - Systemiq Report

The circularity challenge

Advanced recycling has emerged as one of the potential solutions to issues surrounding the end-of-life disposal of plastics. It can effectively complement mechanical recycling and contribute to a circular economy, especially with food-grade packaging.

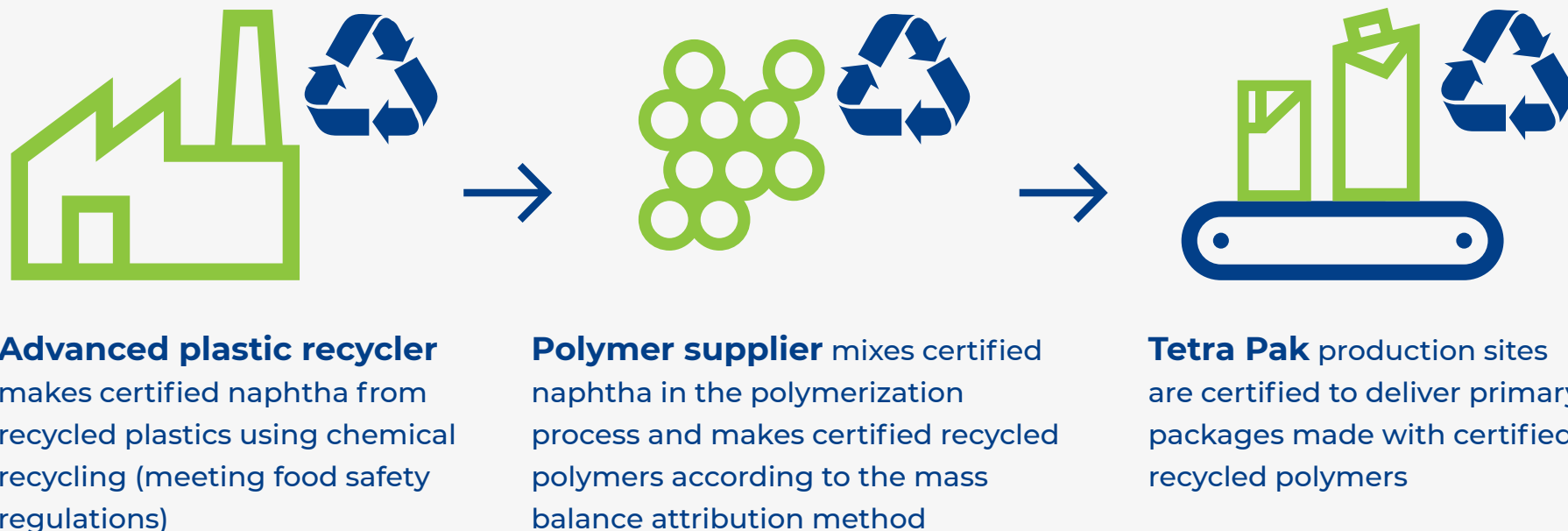


Certified recycled polymers

In collaboration with INEOS, the global manufacturer of petrochemicals, speciality chemicals, and oil products, we have leveraged PLASTIC ENERGY's advanced chemical recycling process to convert waste plastic into certified recycled polymers, a material that has **identical specifications to virgin plastic.**



Considering this, **we are now able to offer carton packages integrating certified recycled polymers**, further enabling the sustainability transformation of the food industry.



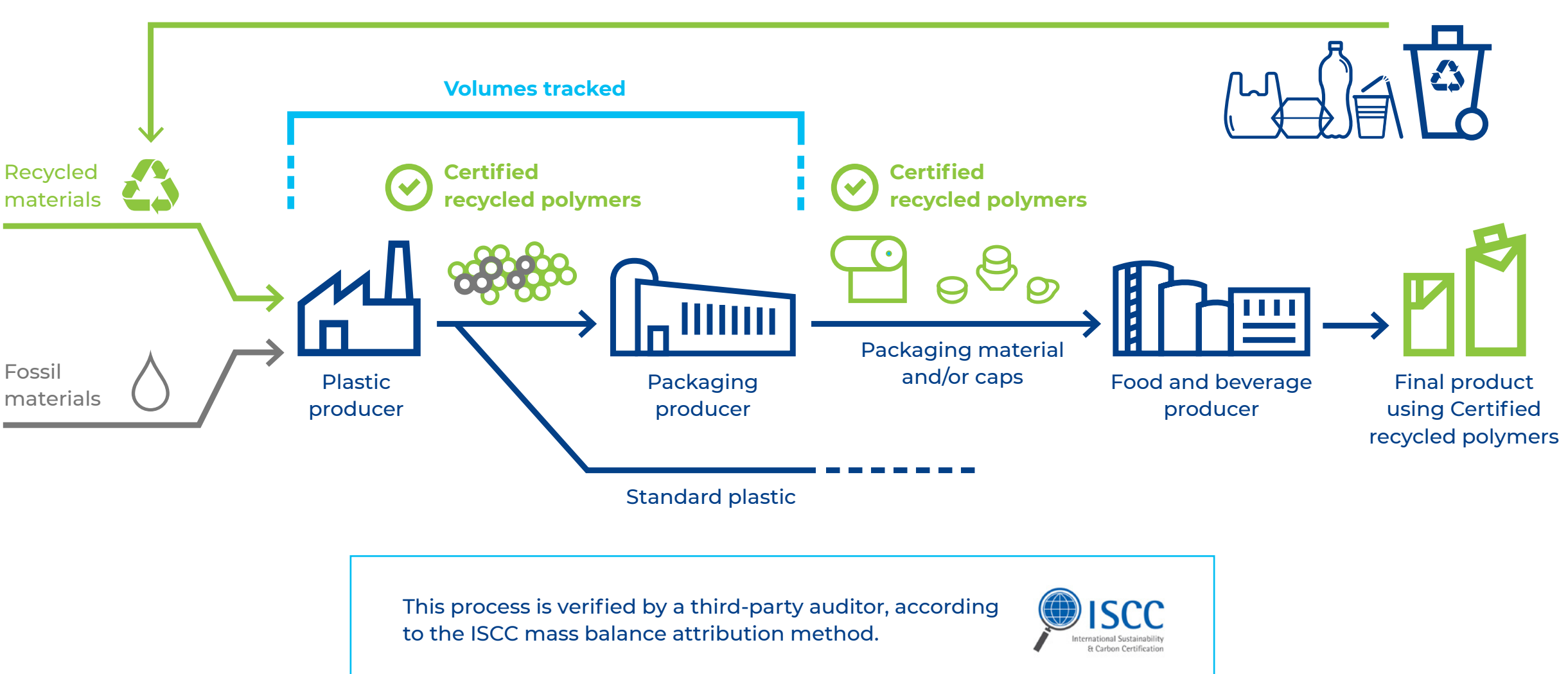
Advanced plastic recycler makes certified naphtha from recycled plastics using chemical recycling (meeting food safety regulations)

Polymer supplier mixes certified naphtha in the polymerization process and makes certified recycled polymers according to the mass balance attribution method

Tetra Pak production sites are certified to deliver primary packages made with certified recycled polymers

How it works

Our **certified recycled polymers** are made from a mix of recycled and non-recycled, virgin fossil feedstock. Mass balance certification ensures the corresponding volume of **recycled material is tracked** throughout the supply chain.



This process is verified by a third-party auditor, according to the ISCC mass balance attribution method.



Consumer benefits

Today's consumers demand that brands increase packaging recycling and mitigate their impact on climate change. **Incorporating certified recycled polymers** addresses these issues, reduces your dependency on virgin and fossil-based materials, and further strengthens your commitment to developing a circular economy.



Learn more about our efforts to move towards a circular economy:
<https://www.tetrapak.com/campaigns/go-nature-go-carton/overview/circularity>