



AT A GLANCE

Nexus Circular is a commercial leader in advanced recycling with an innovative technology that is revolutionizing the way used plastics are managed.

Nexus' advanced recycling technology can restore the plastic molecule to productive use, accelerating a circular economy and reducing the accumulation of plastics in the environment.

KEY METRICS

By diverting plastics from landfills, Nexus is developing new pathways to accelerate plastic recycling so that the environment can thrive.

Converting



4/7
types of
plastics

Addressing



60%
plastic types
produced

Diverting



MM+
lbs
annually of used
plastic from landfills

CHALLENGE

The world faces an escalating challenge to manage plastics at their end-of-life, with millions of pounds annually incinerated, sent to landfills or leaking into the environment. Traditional mechanical recycling processes have limited ability to manage many of today's plastic formats, such as films and flexible packaging.

Advanced recycling complements mechanical recycling and enables the conversion of these hard-to-recycle landfill-bound plastics into new products that can be used to remake plastics, again and again, creating a circular loop.

SOLUTION

Nexus Circular recognized the urgent need for a viable solution that could address a broad range of hard-to-recycle plastics. Nexus developed, commercialized and scaled a breakthrough pyrolysis-based advanced recycling technology that converts landfill-bound plastics, including films and flexible packaging, into its molecular building blocks which can then be used to create new circular virgin-quality plastics.

Nexus' closed-loop advanced recycling system ensures that plastics can be recycled repeatedly, returning the plastic to the value chain and reducing dependence on fossil fuels.



CLEAN



INNOVATIVE



CIRCULAR



SCALABLE



COMMERCIAL

BENEFITS

1 SUSTAINABILITY IMPACT

Diverting millions of pounds annually of used plastics from landfills and incineration, minimizing the environmental impact of these end-of-life scenarios.

2 CIRCULAR ECONOMY

Increasing the availability of advanced recycled feedstocks to produce virgin-quality plastics that can be continually recycled.

3 FEEDSTOCK SUPPLY PARTNERSHIPS

Providing a secure outlet for used plastic, enabling companies to meet their waste reduction and zero-waste-to-landfill goals.

4 OFFTAKE PARTNERSHIPS

Delivering consistent supply of ISCC PLUS certified feedstocks, allowing our partners to demonstrate progress towards stated sustainability commitments.