



The Chemical Recycling Alliance

PLASTICS DON'T BELONG IN OUR OCEANS

Advanced Recycling and Recovery Technologies Are Part of the Solution



UP TO 80%

comes from land sources



UP TO 50%

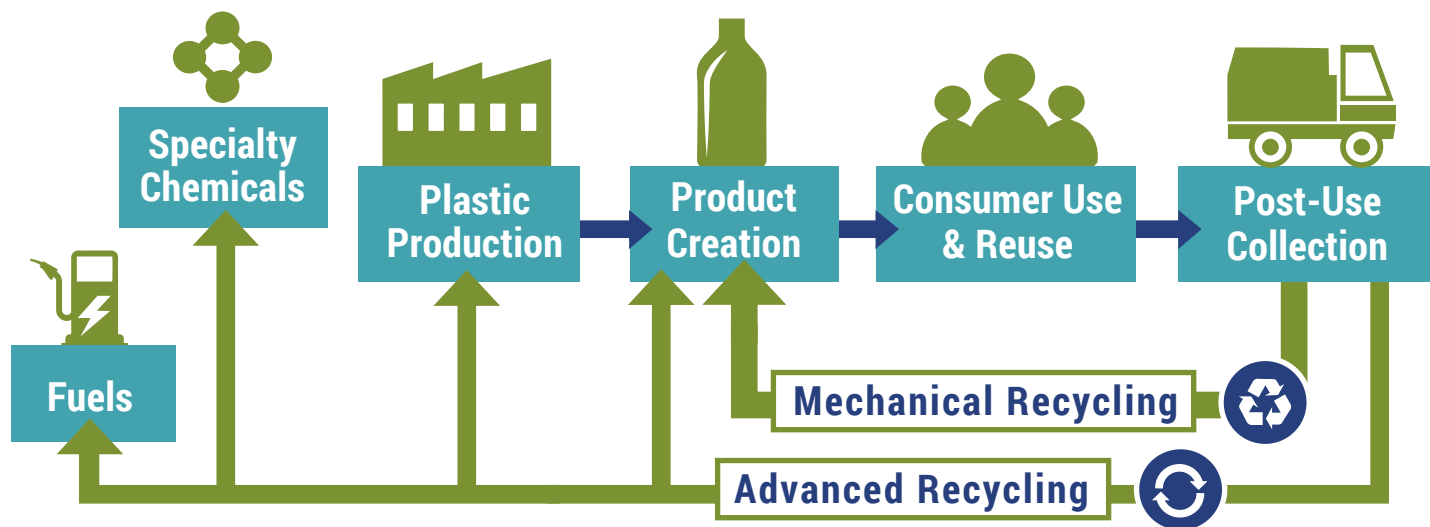
comes from 5 rapidly developing economies

Key stakeholders have recognized:¹

The issue's scale, importance and complexity | The need for a systemic approach

Experts agree: we must systemically address waste collection, sorting and processing technologies to dramatically reduce leakage.

VISION FOR A CIRCULAR ECONOMY



¹ Stemming the Tide: Land-based strategies for a plastic-free ocean. <https://oceanconservancy.org/wp-content/uploads/2017/04/full-report-stemming-the.pdf>

Advanced recycling and recovery, also called chemical recycling, is an important components of an integrated approach to keeping plastics out of the ocean, especially in high-leakage areas that lack modern waste management systems. Keeping plastics out of the ocean and giving them a second life helps us move towards a circular economy.

BENEFITS TO LOCAL ECONOMIES

These technologies capture the value of post-use plastics, create useful outputs, and support local jobs:



Raw Materials



Industrial Waxes



Fuels



Feedstocks for New Plastics

BENEFITS TO ENVIRONMENT

By converting post-use plastics into ultra-low-sulfur diesel, we reduce:^{2,3}



RENEWLOGY

agilyx

BME
BRIGHTMARK ENERGY

Golden
Renewable Energy



GREENMANTRA[®]
TECHNOLOGIES

NEW HOPE
ENERGY

AmSty

Chevron Phillips
Chemical Company LP

Sealed Air
Re-Imagine

Ravago



TETRA TECH

² Life-cycle analysis of fuels from post-use non-recycled plastics. A study conducted by Argonne National Laboratory. <http://www.sciencedirect.com/science/article/pii/S0016236117304775>

³ When compared to traditional manufacturing processes.