

Draft in development

Update: January 3, 2025

Contact: lastbeachcleanup@gmail.com for additions or corrections

Closures of Plastic Waste Processing Plants (since 2022)

	Name	Country	Plastic Waste Type and Process	Capacity	Year Closed (News Link)	Closure Reason
EU Countries						
1	Bage Plastics	Austria, Germany	Mechanical: PE Film	30,000 TPY	2024	
2	HC Plastics	Germany Bonn	Mechanical: PP Film	15,000 TPY	2023	
3	Veolia	Germany Rostock	Mechanical: PET bottles	36,000 TPY	2023	Money-losing economics
4	Cloughwater Plastics	Ireland West Dublin	Mechanical: HDPE	Unknown	2023	Environmental harm and fire risk
5	Blue Cycle	Netherlands Heerenveen	Chemical: Pyrolysis plastic waste to oil (technically not recycling)	20,000 TPY	2024	Money-losing economics
6	Polystyrene Loop	Netherlands	Chemical: PS	3,300 TPY	2022	
7	Stiphout	Netherlands	Mechanical: HDPE, PP	18,000 TPY	2024	Money-losing economics
8	Umicorp	Netherlands Rotterdam	Mechanical: PET	20,000 TPY	2024	Money-losing economics

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9	Vinylrecycling	Netherlands Lelystad	Mechanical: PVC	20,000 to 30,000 TPY	2024	Legal battle over exports of PVC plastic waste (banned by Basel Amendments)
United Kingdom						
1	Recycling Technologies	United Kingdom Swindon	Chemical: PS	Pilot Plant	2022	
2	QC Polymer	United Kingdom West Midlands	Mechanical: PET	18,000 TPY	2024	
3	Viridor	United Kingdom Skelmersdale	Mechanical: PET & HDPE	40,000 TPY	2023	
4	Viridor	United Kingdom Avonmouth	Mechanical: PET, HDPE, & PP	60,000 TPY	2024	
5	Yes Recycling	United Kingdom Fife	Mechanical: Fim PE	13,000 TPY	2023	
United States						
1	Agilyx- Regenyx	United States California	Chemical: PS	3650 TPY	2024	Unstated. Money-losing economics assumed.
2	Circulus	United States California	Mechanical: Film PE	18,000 TPY	2024	Unstated. Money-losing economics assumed.
3	Continuous Materials	United States Iowa	Mechanical: Film PE	Unknown	2024	Unstated. Money-losing economics assumed.

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4	Entsorga	United States West Virginia	Chemical: plastic waste to fuel (technically not recycling)	110,000 TPY	2022	Fire at facility and money-losing economics.
5	New Hope Energy	United States Texas	Chemical: plastic waste to oil (technically not recycling)	50,000 TPY	2024	Not stated. Several fires at the facility.
6	MyPlas	United States Minnesota	Mechanical: Film PE	40,000 TPY	2024	Money-losing economics.
7	Omni Polymers	United States Ohio	Mechanical: Rigid container recycling	Unknown	2024	Safety violations and money-losing economics.
8	PreZero	United States South Carolina	Mechanical: HDPE & PP	14,000 TPY	2022	Money-losing economics.
9	PreZero	United States South Carolina	Mechanical: Film PE	23,000 TPY	2023	Money-losing economics.
Other Countries						
1	Qenos	Australia	Chemical recycling`	Unknown	2023	Money-losing economics.
2	Archwey	Singapore	Mechanical Recycling	20,000 TPY	2023	Money-losing economics.

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3	Enerkem	Canada Edmonton	<u>Chemical:</u> <u>plastic waste</u> <u>to fuel</u> <u>(technically</u> <u>not recycling)</u>	Unknown	<u>2024</u>	Not stated.
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Notes:

1. TPY = metric tonnes per year
2. PET = polyethylene terephthalate
3. HDPE = high density polyethylene
4. PP = polypropylene
5. PS = polystyrene