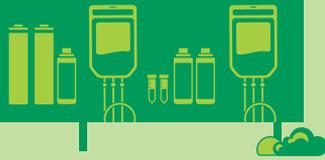


BIOPHARMA RECYCLING PROGRAM

A REVOLUTIONARY WAY TO RECYCLE MIXED-WASTE BIOHAZARDOUS PLASTIC



HERE'S THE PROBLEM...



WOW!
That's enough to fill 55 Olympic-size pools!

Globally, we estimate **30,000 TONS** OF BIOPHARMA SINGLE-USE PRODUCTS ARE DISPOSED TO LANDFILL OR INCINERATION EVERY YEAR. As this rate, we project there will be over **258,000 tons** of this waste generated by 2030.

HOW DOES IT IMPACT OUR RESOURCES?

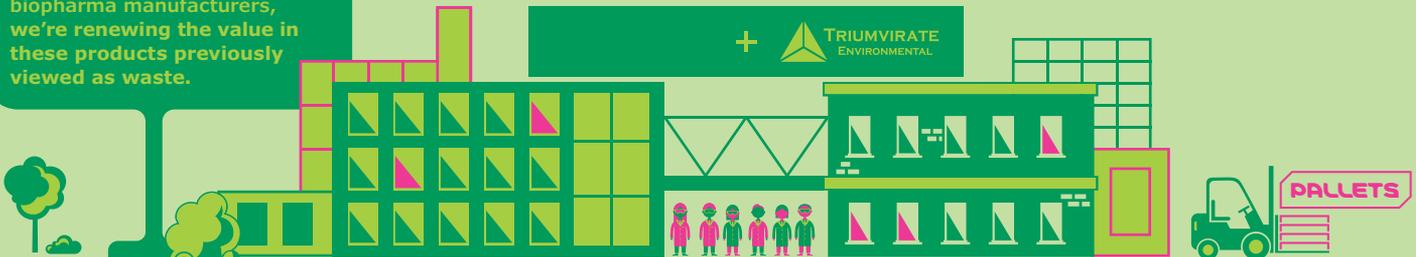


Most plastics today are derived from non-renewable petroleum. When we burn or bury these plastics, we lose the opportunity to reuse them as feedstock for creating new products.



HOW CAN WE SOLVE THIS PROBLEM?

MilliporeSigma and Triumvirate have partnered to bring the Biopharma Recycling Program to market. Together with biopharma manufacturers, we're renewing the value in these products previously viewed as waste.



BRINGING VALUE TO WASTE

The Biopharma Recycling Program enables the industry to recycle their waste into new and useful products.

PARKING STOPS

PLASTIC LUMBER

SPEED BUMPS



CIRCULAR ECONOMY

Since launch in 2015, **1,700 TONS** OF WASTE RECYCLED

By 2020, we expect **5,500 TONS** OF WASTE RECYCLED PER YEAR

WE BUILD AND SUPPORT CIRCULAR ECONOMIES

Through the Biopharma Recycling Program, we're changing the way the world looks at waste.

The Life Science business of Merck KGaA, Darmstadt, Germany operates as MilliporeSigma in the U.S. and Canada.

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