



## SUSTAINABILITY

### FLEXIBLE PACKAGING SUSTAINABILITY BENEFITS

Flexible packaging offers a number of sustainability benefits throughout the entire life cycle of the package when compared to other packaging formats including:

#### REDUCED:

- GHG emissions
- Materials to landfill
- Food waste
- Packaging materials

#### IMPROVED:

- Resource efficiencies
- Storage footprint
- Product-to-packaging ratio
- Transportation benefits

### FLEXIBLE PACKAGING COMPARED TO OTHER PACKAGING FORMATS – IN USE



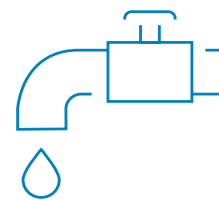
#### CARBON IMPACT

A rigid PET container for laundry detergent pods emits +726% more greenhouse gases than a flexible pouch with a zipper.



#### FOSSIL FUEL USAGE

A rigid pail for cat litter packaging consumes +1,429% more fossil fuel than a flexible bag.



#### WATER USAGE

A HDPE bottle for motor oil packaging consumes +513% more water than a flexible pouch with a fitment.  
A steel can for packaging coffee consumes +1,605% more water than a flexible pouch.



#### MATERIAL TO LANDFILL

+31% more thermoformed tubs for food packaging end up in landfill compared to a flexible pouch.

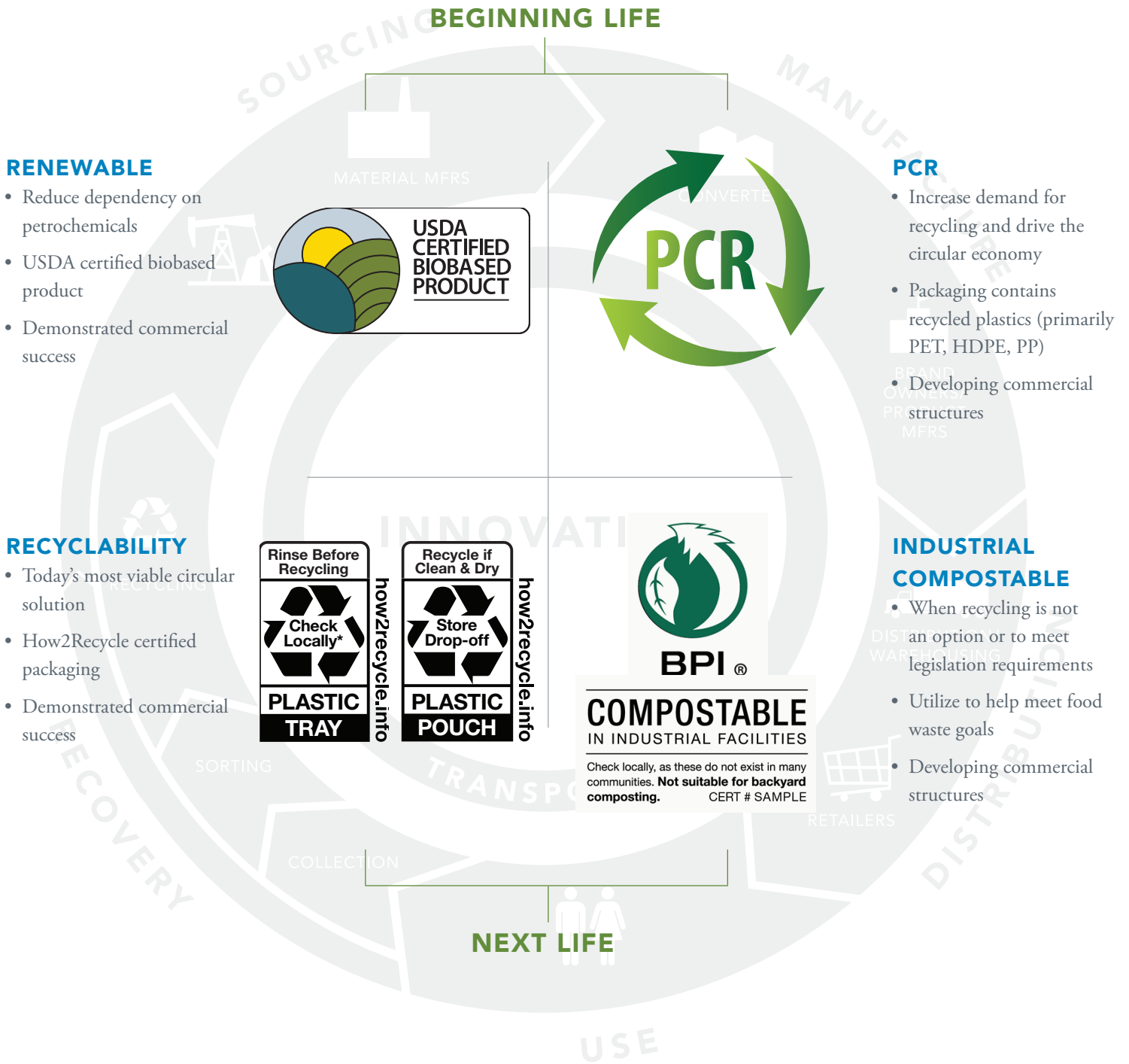


#### PRODUCT TO PACKAGE RATIO

A single serve juice flexible pouch efficiently uses packaging with a product to package ratio of 97% compared to a can.

# INNOVATIVE PACKAGING SOLUTIONS FROM PRINTPACK

Printpack develops innovative packaging solutions that deliver a distinct advantage at the shelf, strengthen brand identity in the minds of consumers and help brand owners optimize speed-to-market strategies. Packaging innovation plays a critical role in influencing the way consumers value, choose, and use products.



Contact a Printpack representative regarding your specific packaging application.



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