



# The Next Step in Plastic Recycling

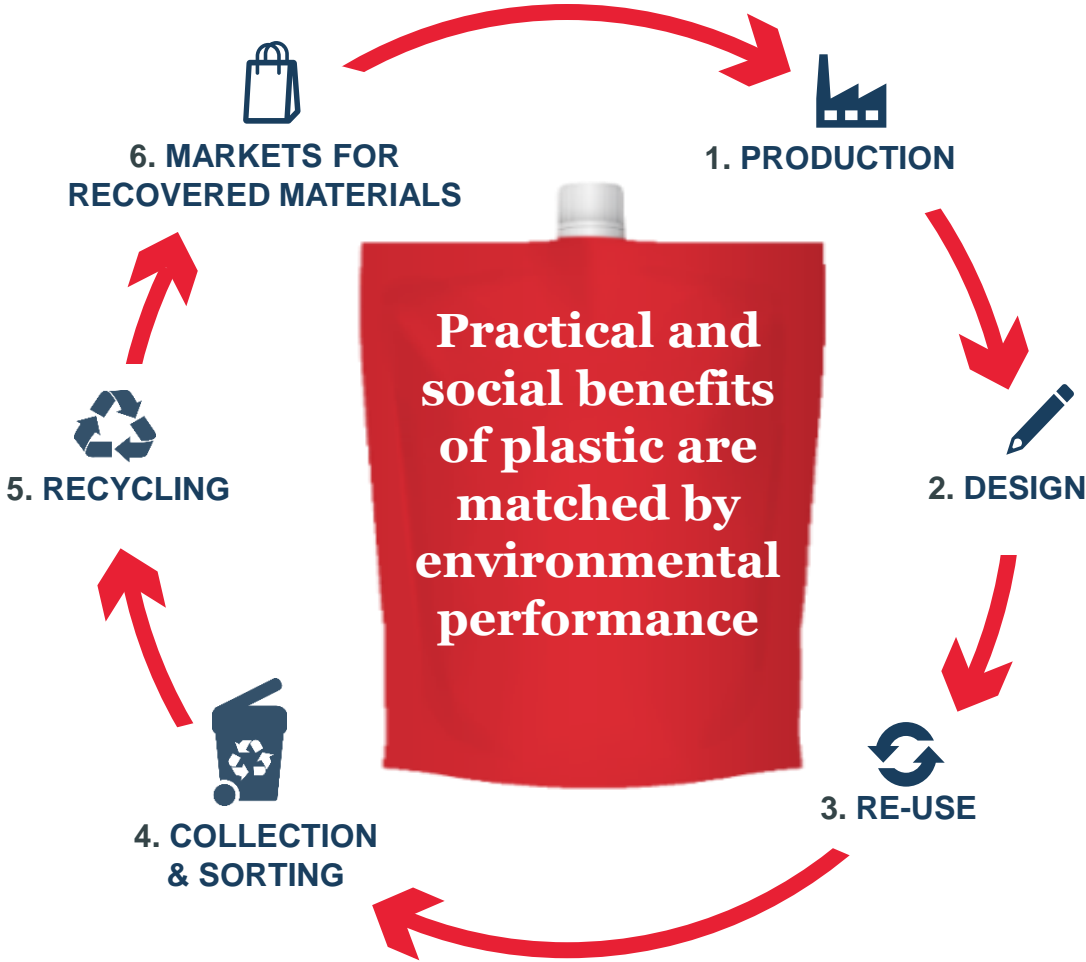
22 October 2019

Tony Kingsbury



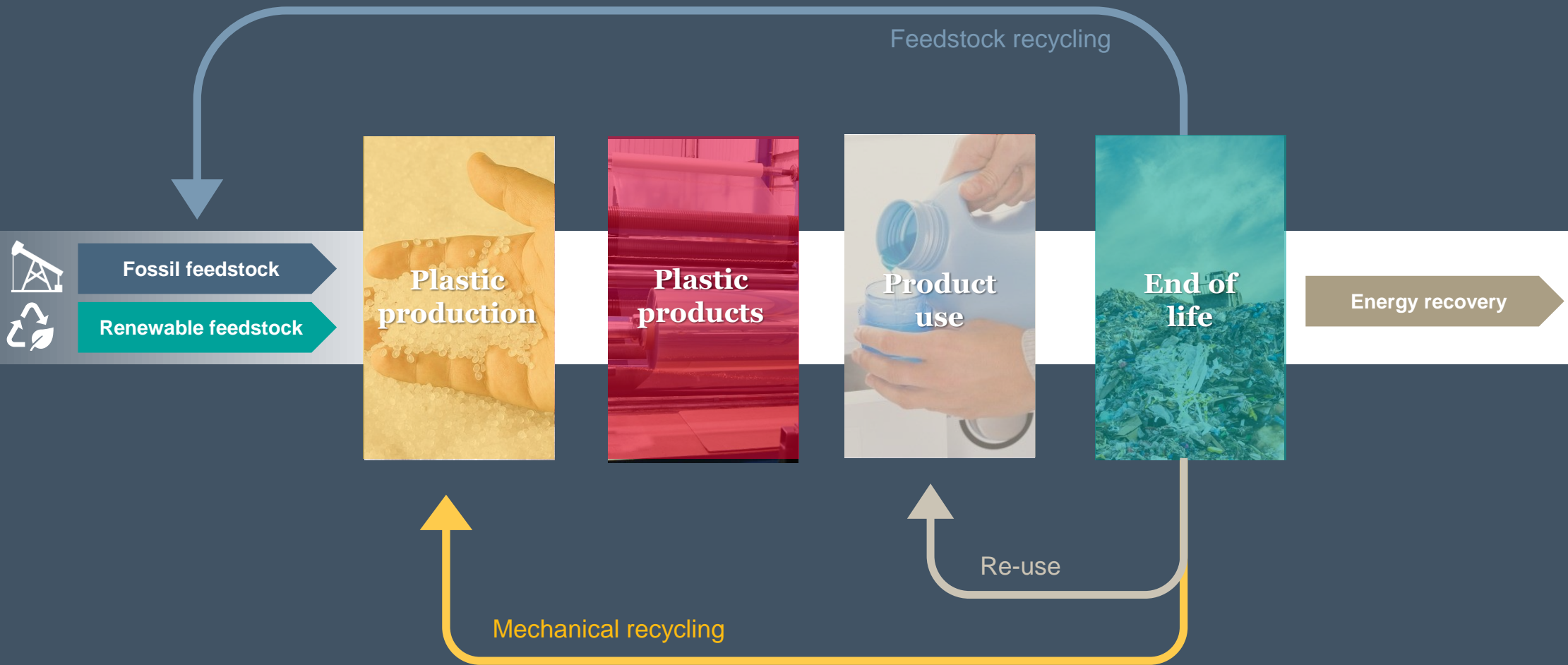
**Plastics waste  
doesn't belong in  
our environment**

# Making plastics part of the circular economy

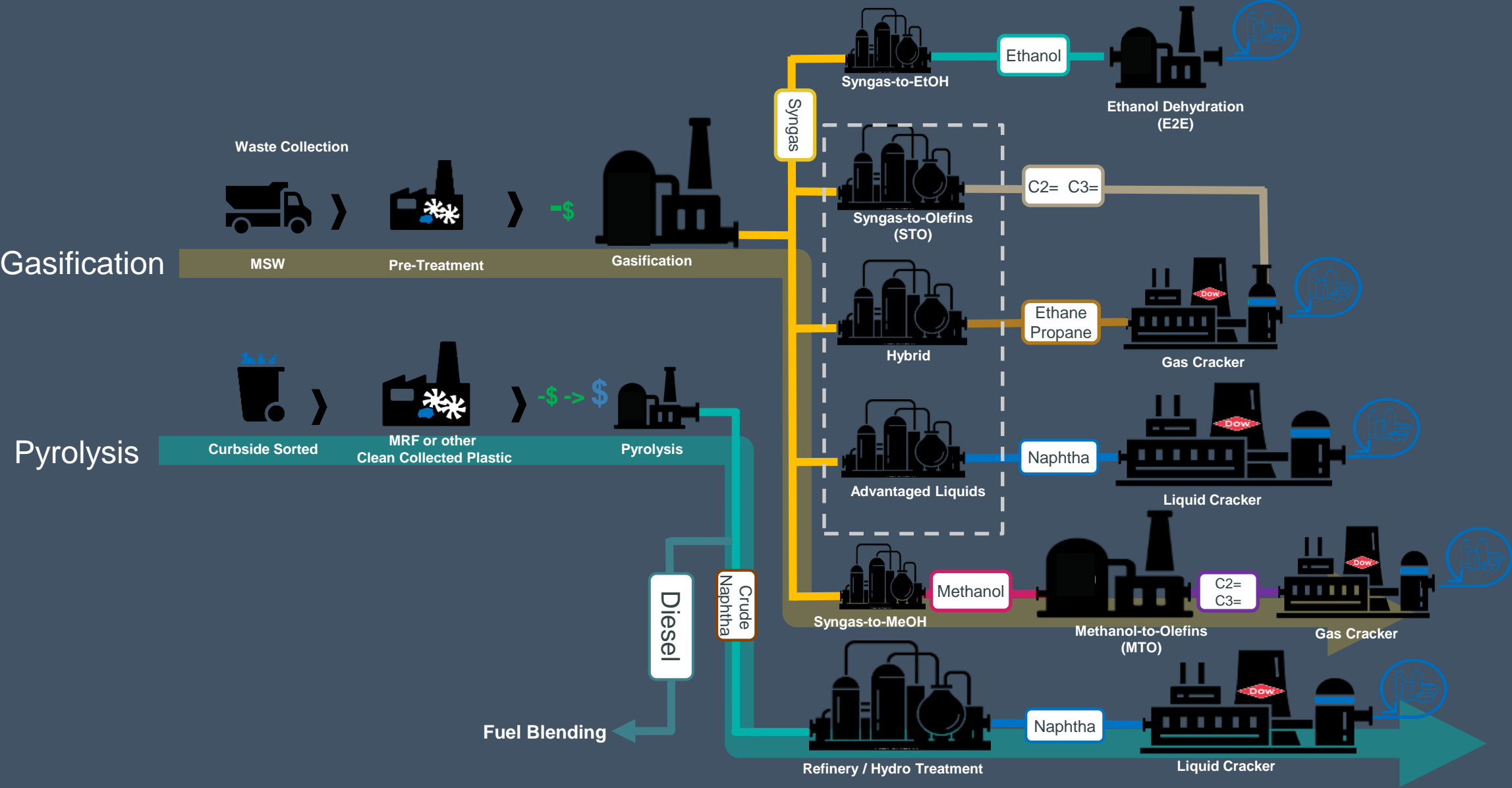


- Designed for lowest environmental impact.
- Develop and support reuse formats.
- Invest & collaborate on global waste management infrastructure to improve recovery.
- Continue to increase recyclability and stimulate demand through new markets for recycled plastic.
- Demonstrate action through strong commitments.

# Move from a linear model...



# Feedstock recycling



# Advantages of Feedstock Recycling

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- ✓ Virgin Quality & Properties
- ✓ Use in Food Contact
- ✓ Fully Circular
- ✓ No oil & gas extraction
- ✓ Lower GHG footprint



... is a business opportunity !



Today



**40%**



landfilled

**25%**



incinerated

**19%**



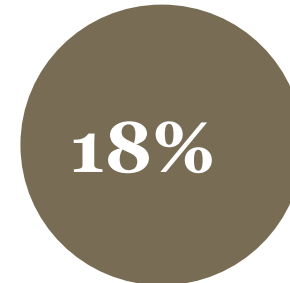
Lost to waste

**More than 1/2** of plastic demand expected to be recycled plastics by 2050



Tomorrow

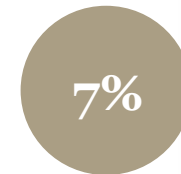
CAGR 2018-50



Recovered monomer



Recovered feedstock



Mechanical recycling



Virgin feedstock

The DOW logo is a red diamond shape with the word "DOW" in white, bold, sans-serif capital letters. A small registered trademark symbol (®) is located at the bottom right of the diamond.

**DOW**

The background of the slide is a long-exposure photograph of a night sky. It features numerous concentric, curved light trails from stars, creating a sense of rotation. The bottom of the image shows a dark horizon line over a body of water, with a small, illuminated landmass visible in the distance under a warm, orange glow from the setting or rising sun.

**Thank You**