

# CHEMISTRY IS ADVANCING THE CIRCULAR ECONOMY

The chemistry sector supports the circular economy, one that prioritizes the extension of product life cycles, extracting maximum value from resources.

Traditional linear economy:



## Using plastic more than once!

Industry, along with federal and provincial and municipal policy makers and other policy influencers, need to work together to create the conditions where the value of plastics can be realized more than once, and in some cases multiple times across their life cycle.



**MAY 2018**

CIAC members set ambitious circular economy targets

**2030**

100 per cent of plastics packaging recyclable or recoverable

**2040**

100 per cent of plastics packaging reused, recycled, or recovered



Plastic food packaging is vital to reducing greenhouse gases by reducing the environmental footprint of the package, transportation and food waste:

- > **Sanitary:** maintains freshness, reduces handling and eliminates contamination risk
- > **Resistant:** to acids and chemicals, humidity and temperature extremes
- > **Atmospheres:** vacuum packing, modified atmosphere to extend shelf life
- > **Safety:** shatterproof, durable
- > **Efficiency:** lower transportation emissions and costs



**CHEMISTRY INDUSTRY  
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**That's good chemistry!**