



Performance by design.  
Caring by choice.™

AUTOMOTIVE

ELECTRONICS

HOUSEHOLD

MEDICAL

FOOD  
PACKAGING

TEXTILES

# Plastics and You

ESSENTIAL PART OF EVERYDAY LIFE

ENERGY SAVINGS • FOOD PRESERVATION • HYGIENE • HIGHLY RECYCLABLE • SMART CHOICE



# We care.

Chevron Phillips Chemical cares about people around the world and our planet. We are strong advocates of common sense solutions to protect our environment and believe plastics play a very important role in this endeavor.



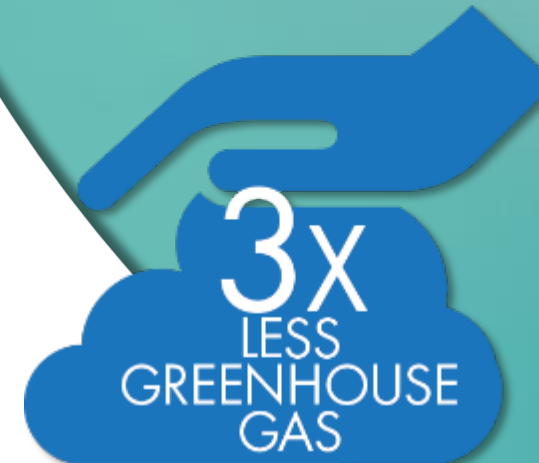
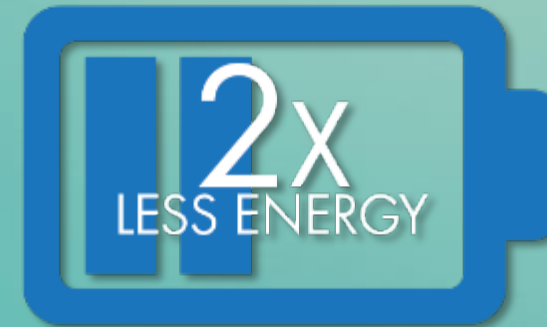
# Plastics are an integral part of modern society.

Plastics significantly benefit modern society by:

- protecting the food we eat,
- reducing fuel consumption and
- ensuring hygienic medical care is available when needed worldwide.



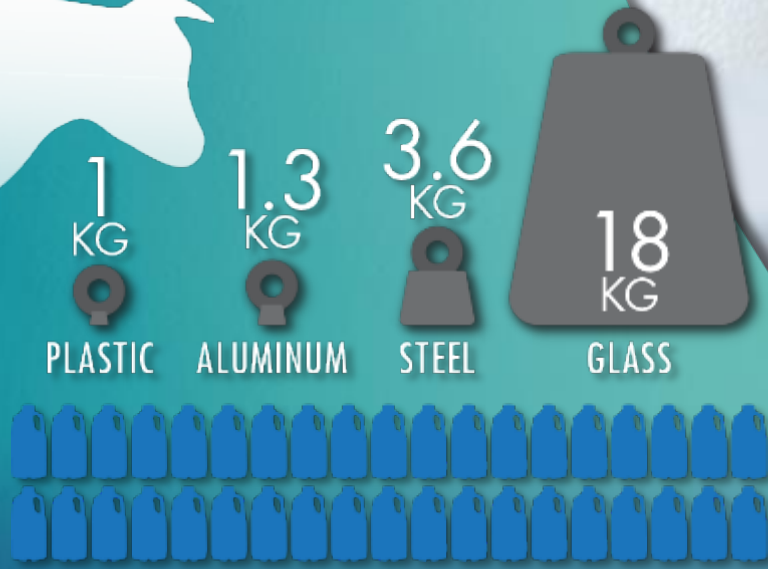
## Plastics are valuable.



*Replacing plastics with other materials would require the use of **57 percent** more energy and result in a **61 percent** increase in greenhouse gas emissions.*

# Plastics can be more sustainable than alternative materials.

Plastics use less material than alternatives and reduce energy use, material consumption and greenhouse gas emissions dramatically.



### Did you know?

Just **1kg** of plastic can deliver 38L of liquid, like milk. You'd need 1.3kg of aluminum, 3.6kg of steel, or over 18kg of glass to bring home the same amount.


# Single-Use Plastics

- **Plastic should not end up in our environment.**  
We advocate for the proper disposal and recycling, reuse and repurposing of all plastics.
- **Our company and industry must be problem solvers.**  
Our vision is for every piece of post-use plastic to be recycled, reused or repurposed.

We are investing in exciting new technologies and solutions so that the plastics we use today can become the plastics we will rely on – for health, hygiene and efficiency -- tomorrow.



**Single-use plastic products** are used in the medical industry to **prevent the spread of infection**



When disposed of properly, single-use plastic products **often have a smaller environmental footprint** than reusable items



# Recycling

- We're aiming for improvement in availability and recycling opportunities.
- Consumer brands and retailers are involved.
- Recycling is working where there is an infrastructure in place.



# Ocean debris

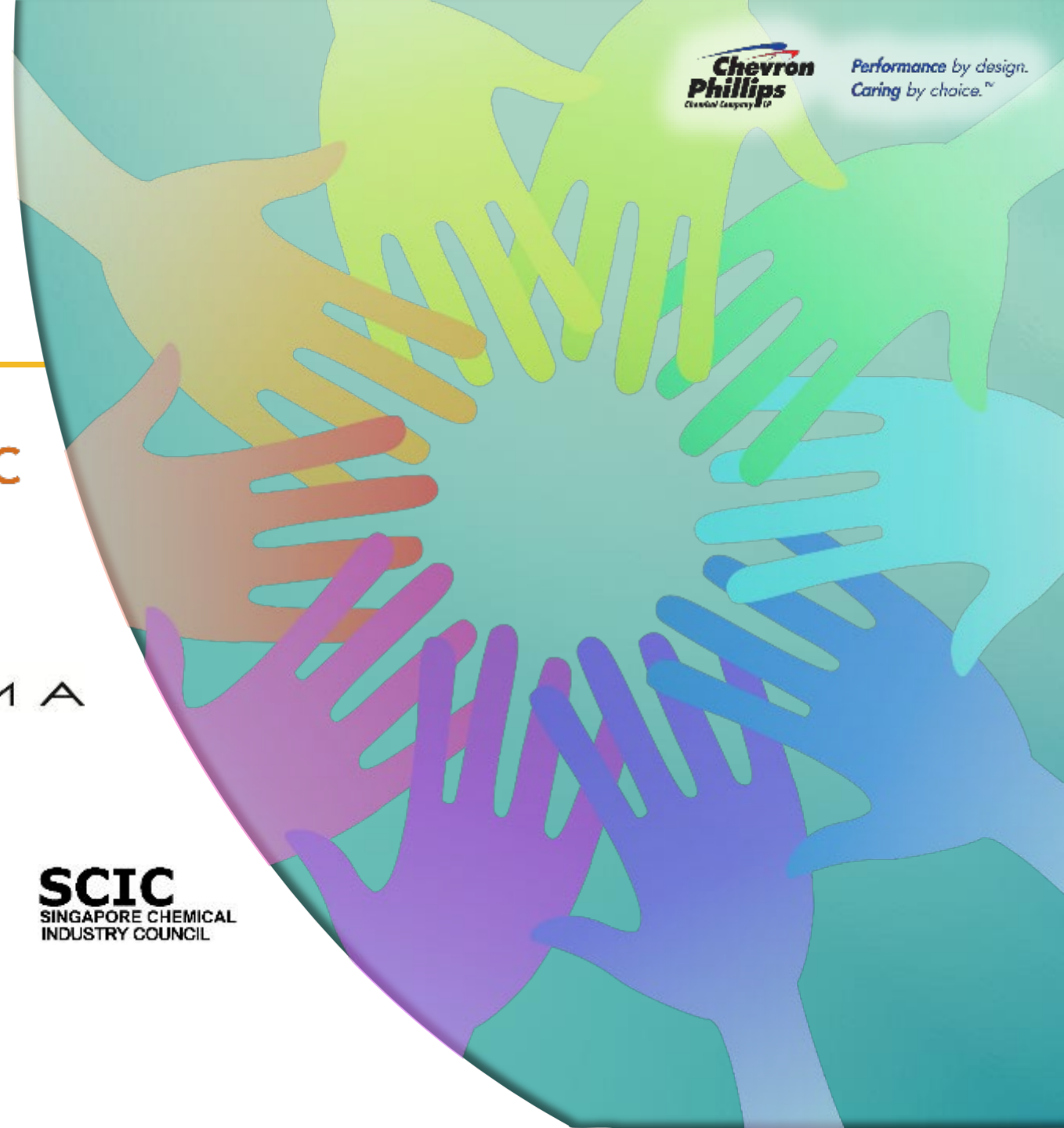
- We agree that no one wants plastics ending up in the environment, including our oceans.
- We are helping to lead the charge. We are providing leadership worldwide to develop, enable and encourage municipalities and governments around the world to implement solutions to handle the challenge at hand.
- We support proper containment of and the phasing out of unnecessary microplastics.

*Discharges of plastic are spread around the globe from the **192 countries** with coastal borders, but **20 countries account for 83%** of the mismanaged plastic waste available to enter the ocean.*

*Across the globe, **355 plastics industry partnerships and projects** are underway, planned, or completed in communities.*



# Plastics partners



## Alliance to End Plastic Waste

Chevron Phillips Chemical is one of the founding members of a new group of nearly 30 top global companies, the Alliance to End Plastic Waste.

Members of this group include companies who make chemicals that go into plastic or make the plastic themselves, waste management companies, and government and community leaders.

**\*More than \$1 billion has been pledged, with a goal of investing \$1.5 billion over five years to eliminate unchecked plastic waste in the environment and especially the oceans.**



**WE'VE GOT A PLAN  
FOR THE PLANET.**



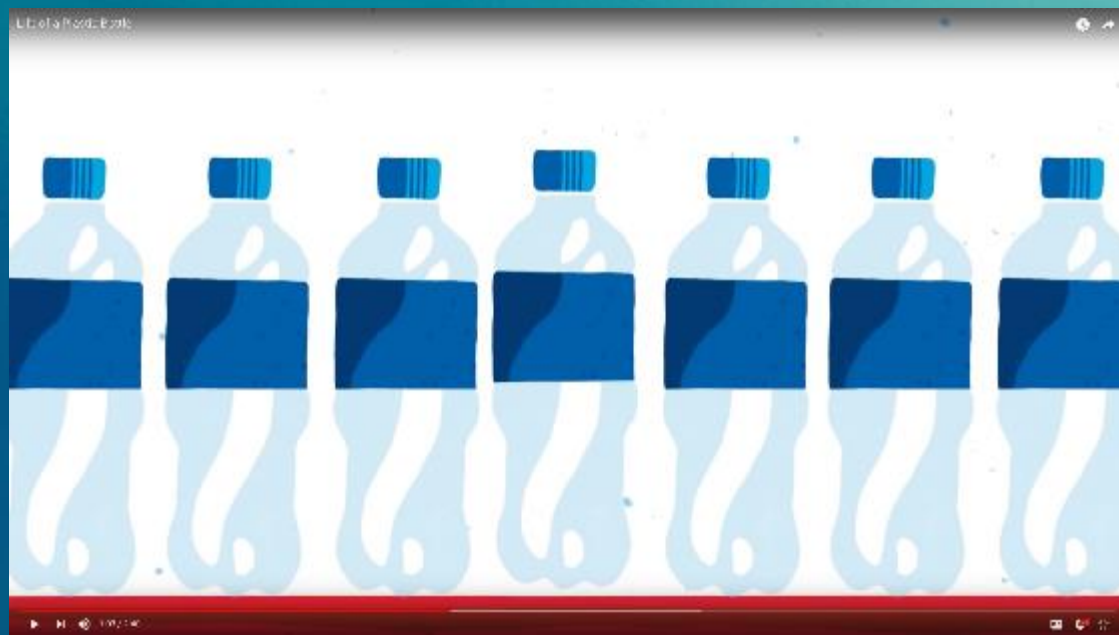
**ALLIANCE TO  
END PLASTIC WASTE**

## What can YOU do?

- **TELL** others about the value of plastic and encourage others to reconsider any negative views.
- **HELP** dispel the myths of single-use plastics.
- **SHARE** the good news of the progress being made.



## Life of a Plastic Bottle (video)



## Rethink Plastic Packaging (video)

Plastic packaging is a key component in reducing food waste.



## Recycling 101 (video)

The life of a plastic carton, bottle or package doesn't end when it's tossed into a recycling bin. It begins again.

