



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.



4x
LIGHTER

2x
LESS ENERGY

3x
LESS
GREENHOUSE
GAS

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.

*2016 STUDY BY TRUCOST

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 **2 pounds** of plastic can deliver 10 gallons of liquid, like milk. You'd need 3 pounds of aluminum, 8 pounds of steel, or over 40 pounds 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.
- **Single-use plastic bans are misguided.**
These bans have the potential to be far more damaging to the environment than alternatives.
- **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.





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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.

\$2+
BILLION

Since 1990 the plastics industry through individual companies and organizations, has invested more than \$2 billion to support increased recycling and educate communities in the U.S.

6
BILLION LBS

Americans have recycled more pounds of plastics every year since tracking began in 1990. In 2015, we recycled 6 billion pounds of plastics, including nearly 3 billion pounds of bottles, more than 1.4 billion pounds of other rigid plastics, and more than 1.3 billion pounds of flexible wraps and bags also known as "film."

94%
CAN RECYCLE

Today, more than 94% of Americans can recycle plastic bottles locally, and more than 70% of us can recycle flexible wraps and bags at 18,000 grocery stores across the U.S.



Recycling Tips

Place most bottles curbside

Include any plastic beverage bottles, food jars (e.g., peanut butter and mayonnaise), and bottles from shampoo, toiletries, laundry detergent and other household cleaners. Rinse them out and include the caps!

Take bags and wraps go back to the store

Include your grocery and retail bags, newspaper bags, dry cleaning bags, wraps from bread, bathroom tissue, paper towels, beverage cases, diapers and baby wipes.

Find out what else can be recycled curbside

Check to see if other plastic containers are recycled curbside in your area: more communities are recycling plastic containers in addition to bottles. Check your community's website to see if they collect yogurt cups, butter tubs, deli containers, lids and other plastics.



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—especially the oceans.**



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



**ALLIANCE TO
END PLASTIC WASTE**

What can YOU do?

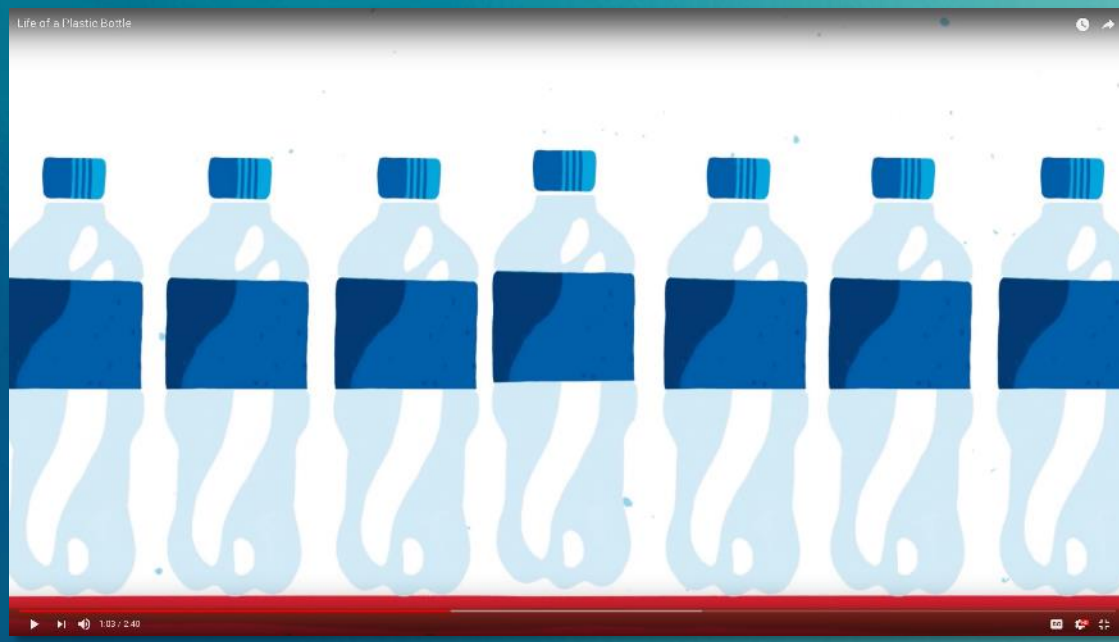
Be Recycle Ready:

Know the recycling resources in your area.

- [Where to find recycling centers](#)
- [Tips on what and how things can be recycled](#)
- [Help to get started](#)
- **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.

