## Packaging partnerships and engagement

June 2024

Underpinning the strategic pillars of our sustainable packaging strategy is broad engagement with partners and other stakeholders in an effort to collectively drive change. We develop partnerships within and across all three of our pillars: reduce, recycle and reinvent. These partnerships range from our work to build infrastructure around the circular economy to consumer awareness and education programs to research partnerships around innovative technologies and materials. Additionally, PepsiCo engages on this issue through industry coalitions, producer responsibility organizations, trade associations, community-based organizations and in dialogue with policy makers to advocate for and work towards creating a circular economy.

Our partners are key to driving sustainable change in the packaging value chain. Due to the breadth of our global, regional and local partnerships, we cannot list every initiative in all markets and focus here on a representative sample of our work and support for collaboration.

# We Are Working To Build Relationships Across The Globe To Help Increase Recycling

Reduce, Recycle & Reinvent Partnerships



### Organizations Referenced in Map\*

#### Cross-cutting **Cross-cutting** Innovation Multinational National and Regional **Partners Partnerships Partnerships** Alliance to End Plastic Waste (AEPW) -Circular Economy for Flexible Packaging Bioplastic Feedstock Alliance - Global (CEFLEX) - Europe TerraCycle Loop - Global Circulate Capital - Southeast Asia Closed Loop Fund - USA Pulpex - Global Consumer Goods Forum (CGF) - Global ECOCE - Mexico New Plastics Economy - Global Every Bottle Back - USA Ocean Conservancy's Trash Free The Recycling Partnership (TRP) - USA World Economic Forum (WEF) Global Plastic Action Partnership (GPAP) - Global WE CARE - India

\*Due to the breadth of our global, regional and local partnerships, we cannot list every initiative in all markets and focus here on a representative sample of our work and commitment to collaboration.



## **Cross-cutting multinational partnerships**

These organizations leverage scale and resources across boundaries to address complex packaging issues and improve infrastructure, transform the value chain and focus on areas of urgent need to enable a circular economy for packaging. Examples include:

- Business Coalition for a Global Treaty on Plastic Pollution: PepsiCo is a member of the Business
   Coalition, which brings together 220 + businesses and financial institutions to support the
   development of an ambitious, effective and legally binding UN treaty to end plastic pollution. The
   coalition is convened by the Ellen MacArthur Foundation and WWF, in collaboration with aligned
   businesses and supported by strategic NGO partners.
- Circulate Capital: The PepsiCo Foundation is the founding investor in <u>Circulate Capital's</u> Ocean Fund, which invests in solutions aiming to reduce ocean plastic pollution in South/Southeast Asia. The fund, created with P&G and Danone, among other partners, finances initiatives that aim to improve on waste collection and processing. With \$165 million of total assets under management, Circulate Capital is the largest impact investment firm dedicated to fighting plastic pollution and advancing the circular economy in South and Southeast Asia.
- Consumer Goods Forum (CGF): PepsiCo is a member of the <u>Consumer Goods Forum</u>, a global industry network working to support <u>Better Lives Through Better Business</u>. CGF brings together retailers and manufacturers in an effort to address key problems such as plastic waste, fostering success through collective action.
- New Plastics Economy: PepsiCo is a partner of the EMF's New Plastics Economy. This global initiative brings together industry, government, non-governmental organizations, scientists, and students with the goal of creating a circular economy for plastics, starting with packaging. PepsiCo is a founding member of the New Plastics Economy and a signatory of its Global Commitment.
- World Economic Forum (WEF) Global Plastic Action Partnership (GPAP): PepsiCo is a founding member of the <u>Global Plastics Action Partnership</u>, launched by WEF in 2018. The initiative aims to facilitate collaboration on tackling plastic pollution and promoting circular economy solutions by championing a public-private partnership model involving the national governments and stakeholders in coastal countries.

## Cross-cutting national and regional partnerships

With focus in specific geographies and regions, these organizations also leverage scale and resources with broad focus on solving urgent packaging issues from improving infrastructure, increasing funding and driving local education to reduce packaging waste in their focus region. Examples include:

- Circular Economy for Flexible Packaging (CEFLEX): <u>CEFLEX</u> is a collaborative initiative of companies, including PepsiCo, and associations focused in Europe representing the entire value chain of flexible packaging. Their mission is to integrate flexible packaging into the circular economy through system redesign.
- Closed Loop Partners: We are a founding partner of the <u>Closed Loop Infrastructure Fund</u>, which has, as of 2022, catalyzed more than \$330 million in co-investments to support circular economy supply chains, including through improved curbside recycling infrastructure and materials processing. Additionally, PepsiCo Beverages North America committed to a \$15 million investment



in Closed Loop Partners' Leadership Fund, as well as \$35 million in the Local Recycling Fund, an innovative circular economy initiative to advance new small-scale, modular recycling systems in communities across the U.S. The fund aims to increase recycling in areas with no or limited access to recycling, reducing waste and unlocking a new supply of recycled plastic (rPET), among other valuable materials, to support our pep+ sustainable packaging goals.

- PepsiCo also co-founded the Closed Loop Composting Consortium, which aims to use multiple disintegration and consumer-facing learning projects to build a roadmap for investment in technologies and infrastructure to address the growth in production of compostable food packaging in the U.S.
- Building on this initial investment in Closed Loop's Center for the Circular Economy, PepsiCo joined the NextGen Cup Consortium as a Sector Lead to address single-use foodservice packaging waste by advancing the design, commercialization and recovery of packaging alternatives. Both of these initiatives reflect our efforts to develop pre-competitive solutions to industry-wide challenges around both compostable packaging and reuse systems.
- ECOCE: ECOCE was created as a non-profit consortium with the objective to increase collection and recycling rates of post-consumer packaging waste in Mexico. The group was created to develop PET's value chain with the aim of creating a closed loop, bottle-to-bottle system. ECOCE has now expanded to recover various other materials including flexible films. PepsiCo is a funding partner of the organization.
- Every Bottle Back: Every Bottle Back is a 10-year effort by PepsiCo, The Coca-Cola Company, and Keurig Dr Pepper (KDP), through the leadership of the American Beverage Association, to marshal the equivalent of nearly a half-billion dollars to reduce the beverage industry's plastic footprint in the United States. The focus of the initiative is on supporting the modernization of recycling infrastructure and the education of consumers on the value of 100% recyclable plastic bottles in several regions of the USA. Every Bottle Back partners have collectively invested just over \$25 million in community recycling infrastructure upgrades to collect bottles that can be made into new ones. Investments made in 2023 as part of this initiative are expected to bring more than 800 million pounds of new recyclables into the recycling stream, including more than 30 million pounds of PET and more than 10 million pounds of aluminum.
- Fair Circularity Initiative: The Fair Circularity Initiative brings businesses together around the aim of ensuring the human rights of workers within the informal waste sector are respected and their role in circular value chains is recognized. The Fair Circularity Principles apply the expectations and responsibilities outlined in the UN Guiding Principles on Business and Human Rights specifically to the informal waste sector. PepsiCo is a founding member of the initiative.
- LatitudR: LatitudR's purpose is to contribute to the development of inclusive recycling systems to promote economic, social and environmental sustainability; support the formalization and improvement of the conditions of workers in the informal waste sector; and foster a circular economy in Latin America. Members of the program include the Inter-American Development Bank the AVINA Foundation, the Latin America Recyclers Association, PepsiCo Latin America, and Coca-Cola Latin America Dow Chemical and Nestlé. This multi-sectoral platform works in 14 countries in Latin America and the Caribbean, in alliance with more than 18 thousand grassroots recyclers across the region. With nearly 400K tons recovered between 2021-2024, LatitudR announced its findings that inclusive recycling centers (i.e. centers managed by recycler collectives) avoid the emission of 195 tons of CO2e per partner organization, compared to other final disposal methods (e.g. incineration, biodegradation)



- The Recycling Partnership (TRP): PepsiCo has been a Funding Partner of TRP since 2016. TRP is a national not-for-profit organization whose mission is to advance a circular economy by building a better recycling system. TRP leverages public-private partnerships to support residential home bin placement, consumer education, recycling and consumer behavior research, and policy guidance. In 2018, we committed to a \$10 million investment in TRP to launch "All in On Recycling," an industry-wide challenge to raise \$25 million to increase access and improve recycling for 25 million families across the United States, while supporting a circular economy, simplifying recycling and creating stronger, cleaner communities.
- WE CARE: In India, we formed a consortium of industries to conduct a pilot project, WE CARE (waste efficient collection and recycling), aiming to recover, segregate, and manage post-consumer multi-layer packaging (MLP) waste. The pilot demonstrated that businesses' collective action to recover, segregate and generate energy from MLP waste is feasible; the collected waste was used as fuel to generate electricity at municipal waste-to-energy plants, co-processed in cement-kilns, and used to form fiberboard for furniture making. Other members of the consortium are Nestle, DS group, Dabur, and Petfetti Van.
- Regional Plastics Pacts: In April 2018, we became a signatory of the U.K. <u>Plastics Pact</u>. Since then, we have also joined Plastics Pacts in France, South Africa, and Australia/New Zealand. By bringing together the entire plastics value chain behind a common set of ambitious targets, they can help move us towards a vision which keeps plastic in the economy and out of the environment. The pact encompasses innovation, research and new business models to rethink and redesign what packaging we put on the market in the first place, and how we can encourage more re-use of packaging.

## **Innovation partners**

These partner organizations are looking at new ways to solve packaging challenges across all three of our pillars: reduce, recycle and reinvent. Examples include:

- Bioplastic Feedstock Alliance: As research moves forward on bio-based plastics, we aim to be part
  of the solution to source these materials responsibly. To this end, PepsiCo joined the <u>Bioplastic</u>
  <u>Feedstock Alliance</u>, a multi-stakeholder alliance convened by the World Wildlife Fund, which works to
  improve awareness around the environmental and social impacts of sources for bioplastics.
- Pulpex Limited: In 2020, PepsiCo joined Pulpex, a consortium of global consumer goods companies, including Unilever and PepsiCo, working to develop and scale the world's first renewable, recyclable, and biodegradable packaging paper bottle, initially developed by Diageo and Pilot Lite. We are making progress in solving the many technical challenges of a paper bottle for beverages, with some challenges like product shelf life being extremely complex, and so it takes more time to find the right solution. However, we are working with the right technology development partners and have built considerable capability in paper bottle testing and evaluation.

