

# COLLABORATION ACROSS THE VALUE CHAIN TO ADVANCE SOLUTIONS

## COLLABORATING FOR CIRCULARITY

LyondellBasell is helping to advance circularity and sustainability of plastics through our three complimentary pathways; mechanical recycling, advanced (molecular) recycling and the use of renewable based feedstock. However, for circularity to become a true reality, value chain collaboration and effective policies are critical.

### The Alliance to End Plastic Waste (AEPW):

LyondellBasell was a founding member of the first global, cross-value-chain coalition to end plastic waste in the environment which launched in January 2018. It is Alliance's ambition to divert millions of tons of plastic waste from entering the environment. Since its inception, the Alliance has rallied around 90 member companies, project partners, allies and supporters who have committed approximately \$1.5 billion.

### Houston Recycling Collaboration:

In 2022, we signed a memorandum of understanding to form the Houston Recycling Collaboration with the goal of increasing the recycling rate in Houston. Increasing the availability of plastic waste feedstock around the world will be critical to developing a circular economy, and we believe increasing the availability of plastic waste feedstock locally is a great place to start.

### Cyclix International:

In 2021, we joined this consortium-based feedstock management company. Cyclix's mission is to increase the recycling rate of plastic from 10% to 90%. Our membership brings valuable knowledge and experience to help the industry achieve its recycling ambitions.

### We are investing "catalytic capital" through venture funds focused on advancing a circular economy :

Our goal is for every dollar we invest in venture funds that address the plastic waste challenge, we help catalyze another five dollars from co-investors.

- In the US, we joined other plastic value chain members as a founding investor in 'Closed Loop Partners' Circular Plastics Fund. The fund has already started to deploy capital to improve infrastructure and advance innovative recycling technologies needed to increase the recovery of various plastics in North America.
- In Europe, we invested in **Infinity Recycling** a fund which provides funding to early-stage companies to build demonstration and commercial advanced recycling plants with an initial focus in Europe.

### Public Policies:

Working through industry associations such as the World Plastics Council , International Council of Chemical Associations (ICCA), American Chemistry Council (ACC), Plastics Industry Association (PIA), PlasticsEurope and the European Chemical Industry Council (CEFIC), we support legislative policy that will:

- Advance waste management systems, infrastructure and recycling standards
- Increase the reuse and recycling of plastics
- Support the introduction of new recycling technologies needed to complement existing mechanical recycling technologies
- Strengthen demand for recycled plastics