



## Plastic-to-Chemicals recycling technology



### Plastic-to-Chemicals

Our modern society generates lots of waste and this waste (in case not handled properly) is an ever increasing threat to our planet and our wellbeing. At the same time, natural resources like oil and gas are depleting rapidly while end-of-life plastic waste is often incinerated or dumped.

The circular approach to handling our waste and maximizing the re-use of plastics helps to minimize pollution and extend the use of our earth's natural resources. Nevertheless a lot of plastic waste remains in streams going to landfill sites or incinerations plants.

The BlueAlp™ Technology is developed with the aim to efficiently transform plastic waste, which cannot technically or economically be recycled or re-used, into valuable oil. This oil can be used as a fuel or as a feedstock for chemical processes.

Accelerate the global transition to circular plastics through our proprietary Plastic-to-Chemicals recycling technology.

### Shell invests in plastic waste-to-chemicals technology company BlueAlp

The investment will help deliver Shell's ambition to recycle 1 million tonnes of plastic waste a year in its global chemicals plants by 2025

BlueAlp technology will support early use of pyrolysis oil in Shell's European and Asian facilities

This strategic partnership supports the development, scaling and deployment of BlueAlp's plastic waste to chemical feedstock technology. The technology transforms plastic waste which is tough to recycle into a recycled feedstock (i.e. pyrolysis oil) that can be used to make sustainable chemicals.

"With BlueAlp's innovative technology and Shell's size and experience we can advance the plastic waste recycling technology needed to meet growing customer demand for sustainable chemicals. This partnership is one of the important steps Shell is taking to reach our ambition of recycling one million tonnes of plastics waste a year in our global chemicals plants by 2025.