How Can the Lifecycle Impacts of Plastic Use Be Further Reduced?

Environmental cost savings of $7.6bn per annum¹

60% low carbon electricity in the global plastic manufacturing sector

Environmental cost savings of $10.61bn per annum

20% fuel efficiency gain in the global plastic logistics fleet

Environmental cost savings of $7.28bn per annum²

Increasing recycling and energy recovery in North America and Europe

Environmental cost savings of $7.89bn per annum³

30% reduction in food and beverage packaging weight through innovative design in North America and Europe

Notes/Assumptions
1. Low carbon electricity sources include wind, solar, hydro and nuclear power.
2. Assumes weight per package can be reduced by 30% without compromising packaging functionality.
3. Recycling or plastic packaging and products increased to 55% and landfiling limited to 10%.

All dollar values are in USD

Source: Trucost Plastics and Sustainability: A Valuation of Environmental Benefits, Costs and Opportunities for Continuous Improvement