

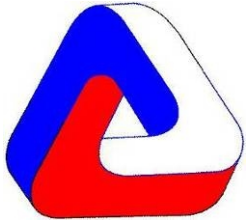
Recycling of Polymers

“Food contact plastics form
post consumer waste”

Adjunct Professor Edward Kosior
Managing Director, Nextek Limited



Nextek Limited – Creating Sustainable Solutions in Polymers and Recycling



RECENT UK Projects

Development of PET recycling plant for Closed Loop London

Development of a new FDA Food Grade PET Recycling Process

Demonstration of Viability of rPET in Retail Packaging: CLL, M&S and Boots

Beverage Packaging Waste Reduction: Light weighting PET bottles, Esterform

Using Post-Consumer Tyres in a Range of New Applications: Pipe Sealing System

Development of Light Weight Compostable Packaging- Sainsburys

Demonstration trial of Recycled HDPE into Milk Bottles- WRAP

RECYCLING of POLYMERS

Summary

- Review of the UK packaging situation
- Food contact regulations for Plastics
- Recycling Technology for Plastics
- Cases studies of polymer recycling, rPET, rHDPE
- Future Directions

