

## Recent 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
- Development of Light Weight Compostable Packaging- Sainsbury's
- Demonstration trial of Recycled HDPE into Milk Bottles - WRAP



Food grade rPET

## Sustainable Development

Nextek Limited constantly strives to create value by excelling at discovering innovative ways of conserving resources through the development of new knowledge and the application of global best practices to local environments.

Nextek Limited's goal is to work with businesses and governments to apply this expertise to produce practical and economic environmental benefits to the communities that are seeking solutions to the challenges of the future.

## Nextek Recent Awards



**EDIE 2007 Award Winner**  
Best Consultancy in  
Waste and Recycling



**Starpack Awards 2007**

**GOLD AWARD**  
&  
**BRONZE AWARD**

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# Nextek Limited



Creating Sustainable Solutions in  
Polymers and Recycling



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**Nextek Limited is a consulting company based in the United Kingdom and Australia providing expertise in the design, optimization, processing and recycling of polymeric materials.**

Edward Kosior, Managing Director, established Nextek Limited in 2004 after 30 active years in plastics and rubber R&D in academia and then industry to provide new technical solutions to the environmental and recycling challenges facing the polymer industry.



Nextek has focused its extensive polymer expertise on plastic packaging due to the largely unmet needs of businesses to develop more sustainable packaging and for higher recycling performance; however it is also active in novel materials and products such as bioplastics and high performance materials.

Nextek has special expertise in the processing of polymeric materials and recycling of post consumer plastics waste into food grade PET bottles and HDPE milk bottles that can be used in new packaging applications.

## Our Philosophy

Nextek Limited envisions a world where polymers and their base raw materials are used efficiently and responsibly to conserve the increasingly scarce resources available to the plastics and rubber industries so that they can continue to create a better life for the people of this planet.

Nextek wishes to deliver this vision in partnership with the many companies involved in this industry.

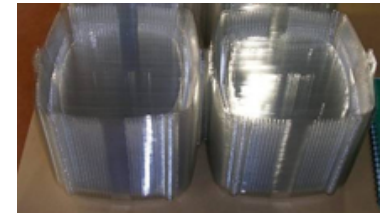
## High Performance Recycling

- HDPE Bottle to Bottle
- PET Bottle to Bottle
- Mixed Plastics Separation & Recycling
- High Purity Recycled Polymers
- Process Auditing
- Plastics Recycling Plant Design
- Rubber Recycling



## Sustainable Packaging

- Sustainable Packaging Development
- Carbon Footprint Minimisation
- Light-weighting of Packaging
- Strategic Advice on Packaging Policy
- Life Cycle Assessment Studies & Validation



## Polymer Expertise

- Process Feasibility Studies
- Solutions for Plastic Waste Streams
- Food Contact Requirements
- Plastics Compound Specification & Development
- Process Design, Equipment Specification & Selection
- Auditing Plant and Processes for Quality & Efficiency

