

Edward Kosior.
Managing Director
NEXTEK Pty Ltd
Specialising in Polymers and Recycling

Edward Kosior has been involved in Plastics and Rubber technology for the past 30 years. In 2004 he established NEXTEK Pty Ltd to provide new technical solutions to the environmental and recycling challenges facing the polymer industry. Currently he is:

- Technical Director of Closed Loop London which is establishing London's first plastics recycling plant (<http://www.visyclosedloop.com/index>.)
- Director Vernique Biotech Ltd which is developing epoxy oils derived from the Vernonia Plant.
- Adjunct Professor of Polymer Engineering and Recycling at Swinburne University, Melbourne

Since 1997, at Visy Industries Pty (<http://www.visy.com.au/>), he has been involved in the planning, construction, commissioning and expansion of Australia's foremost post-consumer plastics recycling plants where he developed a wide range of markets for PCR plastics.

Prior to this role he was the Associate Professor of Polymer Engineering and Director of the Polymer Technology Centre at RMIT (<http://www.rmit.edu.au/about>).

In 2001, a novel process for recycling kerbside waste PET, developed by him at Visy Plastics, gained approval for use in food contact applications from U.S. FDA.

He is especially interested in developing career paths for young people through education and employment in the international plastics and rubber industries.

Professor Edward Kosior has recently been involved as Manager in the following UK projects:

Development of a Food grade PET Recycling Process which was completed at the end of July 2005.

Large Scale Demonstration of Viability of Recycled PET (rPET) in Retail Packaging.
Reduction in Household Waste originating from the Retail Sector viz :Beverage Packaging Waste Reduction

Demonstration Trials for Using Post-Consumer Tyres in a Range of New Applications: Sewer Pipe Sealing System .

Demonstration trial of recycled HDPE into Milk Bottles.

Development of light weight compostable packaging for Supermarkets.

Publications: 6 Patents
 82 Conference and refereed Papers
 35 Seminars
 2 Books and 45 booklets

Specific Expertise and Research Interests:

Food Grade approval of polymers
Sustainable Technology applied to Polymer Packaging
BioPlastics for packaging and durable applications
Design for Recycling and minimal environment impact
Computer-Aided Engineering applied to Polymer Processing