

Biography Professor Edward Kosior



Professor Kosior's expertise in the plastics recycling sector spans 48 years, split between 23 years as an academic and 25 years working in plastic packaging recycling. Reducing the world's polymer waste and carbon footprint by developing new innovations is the driving force to his founding the science-based sustaintech organisation, Nextek.

Over the years Professor Kosior has been instrumental in designing numerous modern recycling plants and he has achieved a number of patented recycling breakthroughs. Some of his most recent transformational projects include NEXTLOOPP, the Award-winning global multi-participant project to close the loop on post-consumer plastic packaging and turn it into high-quality food-grade recycled Polypropylene (FGrPP) and Award-winning COtooCLEAN, a unique technology to recycle soft plastic films back to food-grade compliance.

Professor Kosior sponsors leading-edge R&D projects in a number of universities and provides support to organisations such as the Earth Champions Foundation, Plastics Oceans and PEW Foundation Trust on the Project "Stopping Ocean Plastics".

His mission is to develop and improve on innovative recycling technologies that address the world's most pressing sustainability issues, helping businesses recover materials at higher purity and quality with lower costs through to defining best practices to create a genuine circular economy.