



The Company

Delta Print and Packaging, a locally owned company, formed in 1984, has become a strategic packaging supplier to the global branded food and 'food on the go' sectors. Focusing on brand owners, Delta delivers supply chain management expertise supported by highly skilled people and industry leading manufacturing equipment.

The Challenge

As part of Delta's environmental management system, a review of all waste streams was initiated in June 2010 and the company was presented with a number of resource issues, particularly silicone backed paper, print cartridges and ink pales, which require unorthodox recycling routes. In addition the waste streams presented varying grades of paper and card resources including composite materials such as card with PE windows.

The Solution

Initial contact with Delta Print and Packaging was made in early 2010. The first quick factory tour revealed many resources with which the Industrial Symbiosis Service could assist. The benefits of Industrial Symbiosis were soon realised through further engagement with Industrial Symbiosis practitioners at a workshop later in the year. The developing relationship has given Delta access to local, sustainable resource outlets; helped it to reduce its carbon footprint, and resulted in significant cost savings. Delta Print and Packaging is also using the principles of

- I Industrial Symbiosis to continually seek the most cost beneficial outlets for all its waste streams.

The Benefits

As a result of this engagement with the Industrial Symbiosis Service and its members (McAtee Recycling and others), Delta Print and Packaging has diverted over 170 tonnes of material from landfill and reduced CO₂ emissions by 850 tonnes. This has been achieved by segregating the more valuable wasted resources, using rebate generating outlets for them and minimising the cost of disposal of the remaining material. This has delivered savings of over £21,000 for Delta Print and Packaging. A continual review process of the waste resources leaving the site, maximising the rebates for it and minimising the waste in house will further decrease the company's carbon footprint and increase its sustainability and environmental credentials.

"Engagement with the Industrial Symbiosis Service, their introductions to other outlets for these materials and attendance at synergy workshops is becoming increasingly beneficial and necessary in the current economic climate. This has helped us move closer to our goal of zero waste to landfill."

Fergal Doyle,
H&S Manager