

13.10.25

## MYTH BUSTER

The Myth- *d2w biodegradable plastic is intended to be disposed of in the open environment, where it will degrade and create microplastics.*

The fact: d2w biodegradable plastic is more than 99% ordinary plastic, and is intended to be used and disposed of in the same way. However, it is a fact that ordinary plastic is escaping into the open environment on a substantial scale, and d2w is designed to mitigate this problem. Instead of lying or floating around for decades d2w plastic is certified according to international standards to safely biodegrade, leaving no microplastics behind. <https://www.biodeg.org/bpa-briefing-note-oxo-biodegradable-plastic/>

## THE K SHOW

This is the trade show in Germany from October 8–15 where the world's plastics industry gathers every four years to display its latest innovations.

I see that Symphony Environmental Technologies Plc are showcasing their range of technologies for plastics, designed to safeguard food, human health, and the planet.

This year, considerable interest has been shown at the show in their:

- NbR technology – <https://www.symphonyenvironmental.com/natural-biodegradable-resin/> to reduce the fossil-derived content of plastic by 20%
- Anti-insect technology [www.d2p.net](http://www.d2p.net) – to deal with insects who damage plastic products such as irrigation pipes, or who penetrate plastic food packaging and damage the contents
- Antimicrobial technology - to provide protection from bacteria, viruses, and fungi
- Ethylene and odour adsorbers – to keep food fresher for longer
- Flame retardants – to reduce the flammability of plastics
- Rodent repellents – to prevent rats and mice damaging plastic products, including the sheathing of electric cables. There have been many reports recently of these pests getting into the engine-compartments of vehicles and causing costly damage to the wiring.
- Vapour corrosion inhibitors- to prevent rusting and other forms of corrosion of packaged products
- Fragrance and scent technologies to counter the unpleasant smell of recycled plastics, and the contents of garbage sacks.

Symphony are saying “If it's made of plastic or wrapped in plastic – we can make it even better.