

5 August 2016

## **SYMPHONY ENVIRONMENTAL TECHNOLOGIES PLC**

(“Symphony”, the “Company” or the “Group”)

### **PLASTICS RECYCLING STUDY**

Symphony Environmental Technologies Plc (AIM:SYM), global specialists in ‘making plastic smarter’, with d<sub>2</sub>w controlled-life, d<sub>2</sub>p anti-microbial, flame retardants, and odour adsorbers, and d<sub>2</sub>t anti-counterfeiting technologies, today announces the publication of another, but very important, report confirming that d<sub>2</sub>w oxo-biodegradable (controlled-life) plastics have no material effect on the recycling process or on the recycled plastic products.

This report, by the Transfercenter für Kunststofftechnik (TCKT) in Austria, on 27th July 2016, confirms that recycle from d<sub>2</sub>w® oxo-biodegradable plastic can safely be used in the manufacture of thick cross-section plastic products intended for long term use outdoors. Such products would include building films, plastic lumber, garden and municipal furniture, and signage posts.

This is the fourth positive study of its kind, and adds to the two studies by laboratories in South Africa in 2012 and 2013. TCKT had itself reported on 17th March 2016 that recycle from oxo-biodegradable plastic can safely be used in the manufacture of plastic film products. See <http://www.symphonyenvironmental.com/recycling-2/>. TCKT are the European industry specialists in application-oriented research and development in plastics engineering.

**Michael Laurier, CEO of the Company**, said: “this latest study is an important step forward, as it eliminates the concerns of the recycling industry. For several years our sales have been slower than anticipated as decision-makers were concerned with potential contamination of the waste plastic feedstock by oxo-biodegradable plastics.



These four expert studies finally prove that products made with d<sub>2</sub>w are fully compatible with recycling and should be freely used without any further concerns.

As not all the plastic is collectable for recycling, it is important to use d<sub>2</sub>w plastics, which will biodegrade if they get into the open environment as litter, and will not lie or float around for decades. During their useful life they are just as strong as conventional plastics, and can be made by existing plastics factories at little or no extra cost.

**-ENDS-**

## **Contacts**

### **Symphony Environmental Technologies Plc**

Michael Laurier, CEO  
Ian Bristow, FD

**Tel: +44 (0) 20 8207 5900**

### **Cantor Fitzgerald Europe**

David Foreman / Michael Reynolds (Corporate Finance) **Tel: +44 (0) 20 7894 7000**  
David Banks (Sales)

## **NOTES TO EDITORS:**

### **About Symphony Environmental Technologies plc**

Symphony has developed a range of additives, concentrates and master-batches marketed as d<sub>2</sub>p, which can be incorporated in a wide variety of plastic and non-plastic products and applications so as to give them protection against many different types of bacteria, fungi, algae, mould and insects.

In addition, Symphony has developed controlled-life plastic technology which turns ordinary plastic at the end of its service-life into biodegradable materials. It is then no longer a plastic and can be bioassimilated in the open environment in the same way as a leaf. The technology is branded d<sub>2</sub>w® and appears as a droplet logo on many thousands of tonnes of plastic packaging and other plastic products around the world. In some countries oxo-biodegradable plastic is mandatory. For a video of d<sub>2</sub>w® plastic degrading see <http://degradable.net/play-videos/4>.

Symphony has developed the d<sub>2</sub>Detector®, a portable device which analyses plastics and detects counterfeit products. Symphony's d<sub>2</sub>t tagging and tracer technology is also available for further security. See [www.d2t.net](http://www.d2t.net)

Symphony has a diverse and growing customer-base and has established itself as an international business with 74 distributors around the world. Products made with Symphony's plastic technologies are now available in 97 countries and in many different product applications. Symphony is certified to ISO9001 and ISO14001.



Symphony is a member of The Oxo-biodegradable Plastics Association ([www.biodeg.org](http://www.biodeg.org)) (OPA), the Society for the Chemical Industry (UK), and the Pacific Basin Environmental Council. Symphony actively participates in the Committee work of the British Standards Institute (BSI), the American Standards Organisation (ASTM), the European Standards Organisation (CEN), and the International Standards Organisation (ISO).

Further information on the Symphony Group can be found at [www.symphonyenvironmental.com](http://www.symphonyenvironmental.com).