Symphony Environmental Technologies Plc
(“Symphony” or the “Company”)

Exclusive US supply contract
and
launch of nutritional-supplement bottles using d2w biodegradable technology

Symphony Environmental Technologies (AIM:SYM), global specialists in technologies that make plastic and rubber products “smarter, safer and more sustainable”, are pleased to announce the commencement of a two year exclusive US supply contract for their d2w biodegradable plastics technology in nutritional supplement bottles and the US launch with Better Earth LLC (“Better Earth”) of a new bottle for nutritional-supplements using d2w.

Better Earth has been working with Symphony for the last two years, initially on R&D and then trials to demonstrate a reduction in the environmental impact of discarded plastic bottles. These trials have culminated in the decision to use Symphony’s d2w technology in the manufacture of Better Earth’s bottles.

Better Earth are launching the d2w bottles at the “Natural Products” Exhibition on 8 March 2022 and it is anticipated that manufacturing will commence with approximately 20 million d2w bottles of all sizes, growing to 120 million in the first year of exclusivity.

The owners of Better Earth, Adam Ackerman and James Van Brocklin said:

“We at Better Earth are very much aware of the effect that plastic bottles have on the environment. They are the best way to package our products, but as an environmentally-responsible company we have been searching for an innovative technology to reduce the environmental footprint of the bottles. With hundreds of millions of plastic bottles being used and thrown out each year, not to mention labels and caps, this problem has become a serious issue that has been talked about a lot, with no available solution known to us - until now.

“We have decided to use Symphony’s d2w technology in the manufacture of our bottles and caps which from our trials has demonstrated will make them biodegrade up to 90 times faster if they get lost as litter, where they could otherwise lie or float around for decades. We believe this will revolutionise how plastic bottles and other packaging are manufactured."

Symphony’s CEO, Michael Laurier, said “This contract with Better Earth is an important milestone for Symphony, being the first commercial use of d2w for bottles made of rigid plastic. Furthermore, and as we have previously reported, Symphony has an extensive sales pipeline of more than 100 d2p and d2w projects, for which it is always pleasing when the trials and pre-production projects proceed to commercial contract. We are pleased to have worked with Better Earth to respond to all their questions about our d2w technology, to help them find the right solution and which we hope helps them grow their business.”

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NOTES TO EDITORS:

About Symphony Environmental Technologies plc

https://www.symphonyenvironmental.com

Symphony has developed and continues to develop, a biodegradable plastic technology which addresses the problem of persistent microplastics by turning ordinary plastic at the end of its service-life into a waxy substance which is biodegradable. It is then no longer a plastic and can be bioassimilated in the open environment in a similar way to a leaf. The technology is branded d2w® and appears as a droplet logo on many thousands of tonnes of plastic packaging and other plastic products around the world, much of which has been recycled. In some countries, most recently Saudi Arabia, oxo-biodegradable plastic is mandatory.

The technology was studied for five years in the Oxomar project, sponsored by the French government. The report, published in March 2021, concluded that plastic made with Symphony’s d2w oxo-biodegradable technology will biodegrade in seawater significantly more efficiently than conventional plastic http://lomic.obsbanyuls.fr/fr/axe_4_ecotoxicologie_et_ingenierie_metabolique_microbienne/oxomar.html

Following this report, the scientists allowed bacteria commonly found in the open environment to grow on d2w oxo-biodegradable plastic containing Carbon 13. They found Carbon 13 in the carbon dioxide exhaled by the bacteria, proving beyond doubt that the plastic had been bioassimilated by the bacteria.”

Symphony has also developed a range of additives, concentrates and master-batches marketed under its d2p® (“designed to protect”) trademark, which can be incorporated in a wide variety of plastic and non-plastic products so as to provide protection against many different types of bacteria, viruses, fungi, algae, moulds, and insects, and against fire. d2p products also include odour, moisture and ethylene adsorbers as well as other types of food-preserving technologies. For an overview see www.d2p.net Symphony has launched d2p anti-microbial household gloves and toothbrushes and “Symfresh” food-packaging, and is developing a range of other d2p finished-products for retail sale.
The Symphony Group has complemented its d2w and d2p product ranges with d2c “compostable resins and products” that have been tested to US and EU composting standards, and has invested in Eranova – a French company extracting starch for making plastics, out of algae.

Symphony has also developed the d2Detector®, a portable device which analyses plastics and detects counterfeit products. This is useful for government officials tasked with enforcing legislation, and Symphony’s d2t tagging and tracer technology is available for further security.

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 nearly 100 countries and in many different product applications. Symphony itself is accredited to ISO9001 and ISO14001.

Symphony is a member of The OPA (www.biodeg.org) and 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 Group can be found at www.symphonyenvironmental.com and twitter @SymphonyEnv See also Symphony on Instagram. A Symphony App is available for downloading to smartphones.