

30 October 2020

**SYMPHONY ENVIRONMENTAL TECHNOLOGIES PLC**

("Symphony" or the "Group")

**COLOMBIAN COMPANY PROMOCIONES FANTÁSTICAS LAUNCHES DRINKING STRAWS WHICH ARE BOTH ANTIMICROBIAL AND BIODEGRADABLE**

Symphony Environmental Technologies Plc (AIM: SYM), a global specialist in technologies that "make plastic smarter" is pleased to report that Promociones Fantásticas a Colombian drinking straws producer and leader in the Latin American market, has announced the launch of their new d2w (biodegradable) and d2p (antimicrobial) drinking straws. Symphony is the technology partner and Symphony's exclusive distributor Latin Pack is the masterbatch supplier. Promociones Fantásticas has been using d2w successfully in their straws since April 2017.

As previously announced, testing of d2p samples by UNICAMP University in Brazil according to ISO 21702 found a virus reduction of 99.9% in only one hour, which is vital during the coronavirus pandemic. d2p has also been proved effective against bacteria and fungi, which is critical as this is a product that enters in direct contact with customers' mouths where microbes can easily be transmitted. As the antimicrobial properties are embedded in the plastic, they will never wear off - unlike spraying, wiping, or coating.

Michael Laurier, CEO of Symphony, said: "We are delighted to continue our long-standing and valued relationship with Promociones Fantásticas, and hope that other, environmentally and socially responsible companies around the world will follow their lead in protecting customers and the environment alike. This follows recent other Symphony d2w and d2p new users, for example, Cotripal in Brazil whose shopping bags now contain both d2p and d2w Symphony technologies. We are seeing increased interest for our d2p antimicrobial technologies as a combination with our d2w biodegradable technology in several countries across the globe. Further, the products of these interested manufacturers are of both multi use, but also single use items, that historically were more commonly treated with just our d2w biodegradable technology."

Carlos Cruz, CEO of Promociones Fantásticas, said: "In the context of the global pandemic our company has assumed an increased responsibility to protect public health, create jobs and preserve the environment. Over the years we have encouraged our customers to properly dispose of used straws so they can be recycled where possible. But we have also taken additional measures to protect the environment from plastic that escapes into the open environment by using the globally renowned British d2w biodegradable technology. Today we go further, by helping to protect our customers from Coronavirus and other forms of contamination by using d2p technology, that has been proven against viruses, bacteria, and fungi."

[www.d2w.net](http://www.d2w.net) and [www.d2p.net](http://www.d2p.net)

See video links:

[https://youtu.be/nSi6\\_NwUgyY](https://youtu.be/nSi6_NwUgyY)

[https://www.symphonyenvironmental.com/resource\\_type/video/](https://www.symphonyenvironmental.com/resource_type/video/)

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For twenty years Symphony have been perfecting their d2w<sup>®</sup> biodegradable technology, which causes plastic to biodegrade much more quickly than ordinary plastic if it gets into the open environment.

See [www.d2w.net](http://www.d2w.net) and [www.biodeg.org](http://www.biodeg.org)

In addition to d2w, and of growing importance since the Coronavirus pandemic began, Symphony have developed a technology, marketed under their d2p<sup>®</sup> ("designed to protect") brand, which gives plastic antimicrobial properties. It has recently been approved by the FDA in the United States for keeping bread packaging free of bacteria.

They have now received test results from an independent laboratory showing a **virus reduction of 99.9% after only one hour** against a member of the BETA CORONAVIRUS group of viruses. This is a masterbatch technology which can be incorporated in a wide range of polymer products at an affordable cost, without disrupting the manufacturing process or the supply-chain.

Symphony also has range of additives, concentrates and masterbatches which can be incorporated in a wide variety of plastic and non-plastic products so as to give them protection against many different types of bacteria, fungi, algae, moulds, rodents and insects, and against corrosion, and fire. See [www.d2p.net](http://www.d2p.net)

d2p products also include odour, moisture and ethylene adsorbers as well as other types of food- preserving technologies. Symphony has also launched d2p antimicrobial household gloves and toothbrushes, and is developing a range of other d2p finished products for retail sale.

Symphony has also developed the d2Detector<sup>®</sup>, a portable device which analyses plastics and detects counterfeit products. This is useful to 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](http://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 Symphony Group can be found at [www.symphonyenvironmental.com](http://www.symphonyenvironmental.com) and twitter @SymphonyEnv See also Symphony on Instagram. A Symphony App is available for downloading to smartphones.

### **About Promociones Fantásticas:**

Promociones Fantásticas has been in the market for over 30 years and has consolidated its position as the largest manufacturer and distributor of drinking straws in Latin America and The Caribbean, with sales in more than 20 countries.

<http://promocionesfantasticas.com/>