

Carbiotix signs first NutraCycle Joint Development Agreement with leading Nordic plant-based food & beverage producer

Carbiotix (publ) ("Carbiotix" or the "Company") announces today that the Company has signed its first NutraCycle Joint Development Agreement (JDA) with a leading Nordic plant-based food & beverage producer. The JDA follows a successful Pre-Study consisting of both laboratory and pilot scale verification of a new Carbersol process and prebiotic. The Joint Development phase will include process development, process engineering and product formulation work and will be carried within the next 6 months with the goal of making a decision on building a Carbersol process.

NutraCycle is a distributed upcycling service recently launched by Carbiotix. The service targets plant-based food & beverage, ingredient and feed producers interested in cost-effectively manufacturing their own Carbersol complex soluble fiber prebiotic ingredients on-site from side stream products typically sent to animal feed or disposal. These prebiotic ingredients can be used to fortify new and existing more healthy products or be sold off-site, and the waste streams that remain grow in value. The NutraCycle service also reduces the need for added sugars, texturizers and other additives, and can in some cases increase the value of the side stream product from the Carbersol extraction, by concentrating the amount of protein for further product enrichment.

Carbiotix provides complete end-to-end support with regards to developing a suitable process to extract Carbersol and other active ingredients, characterizing and validating a prebiotic, process engineering, product formulation work, and operational optimization. This work is divided into three phases; Pre-Study, Joint Development, and Service Support through a royalty and service agreement.

The benefits of the NutraCycle service are manyfold and include, among other things, higher pricing power, new revenue streams, lower cost for raw materials, more effective use of raw materials, and higher valued residuals. The aim of the NutraCycle service is to help future proof a business, increase competitiveness, improve the health of a product portfolio and people, and simply offer a more sustainable upcycling model than the current model of centralized upcycling.

Erik Deaner, CEO of Carbiotix, comments:

"I am very happy to announce that Carbiotix has reached a key milestone and signed its first NutraCycle JDA with a leading plant-based Nordic food & beverage producer with expanding global ambitions. This JDA both demonstrates and validates the potential interest in the NutraCycle service and business model and helps position Carbiotix as a value adding technology provider in the 5 billion Euro market for food & beverage and feed related prebiotic ingredients. [\(1\)](#)

NutraCycle is an important service for Carbiotix as it opens up a much larger market for Carbersol, exposes Carbiotix to the 24 billion Euro plant-based food & beverage market, and provides a cost-effective solution to scaling up Carbersol from different side stream products and increasing its exposure to consumers. We will be aggressively promoting the NutraCycle service during our 2024 tradeshow schedule and look forward to commencing a pipeline of Pre-Study and Joint Development projects in the months and years to come. [\(2\)](#)

I also look forward to completing the current Joint Development project within the next 6 months and moving forward with the construction and commissioning of the Carbersol process. This first JDA will

Press Release
April 25, 2024

provide key learnings that will allow us to stream-line and accelerate all NutraCycle phases and is the starting point of one of the key advantages of the NutraCycle distributed upcycling service; a continual improvement of all Carbersol processes and fortified customer products by leveraging the collective knowledge and experiences of all NutraCycle customers.”

This is information that Carbiotix AB is obliged to make public according to the EU Market Abuse Regulation (MAR). The information was made publicly available by the Company's contact person set out below on 25 April 2024.

Forward-looking statements

This communication contains forward-looking statements, consisting of subjective assumptions and forecasts for future scenarios. Predictions for the future only apply as of the date they are made and are, by their nature, as is research and development work in the biotechnology segment, associated with risk and uncertainty. With this in mind, the actual outcome may deviate significantly from the scenarios as described in this press release.

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Carbiotix AB (CRBX) (www.carbiotix.com) is an award-winning biotechnology company pioneering microbiome healthcare through a portfolio of prebiotic modulators, upcycling services, and diagnostic testing services.