



## CARBIOS Active, the enzymatic solution for 100% compostable PLA, added to FDA Inventory of Food Contact Substances

- PLA packaging integrating **CARBIOS Active** is 100% compostable even at ambient temperatures, supporting Food & Beverage brands in achieving their sustainability commitments

**Clermont-Ferrand, France, Tuesday 5 March 2024 (06.45am CET)** CARBIOS (Euronext Growth Paris: ALCRB), a pioneer in the development and industrialization of biological technologies to reinvent the life cycle of plastic and textiles, announced today that **CARBIOS Active**, its enzymatic solution for the biodegradation of PLA, is included in the U.S. Food and Drug Administration Inventory of Effective Food Contact Substances (FCS) with the Assigned Food Contact Notification (FCN) 2325, effective since 29 February 2024. With this milestone, **CARBIOS Active** can be used to make packaging materials that are sold in the United States and come into contact with food, including rigid and flexible packaging, and other applications.



*Figure 1: CARBIOS Active integrated in compostable food trays made of PLA.*

Integrated directly into plastic conversion processes, **CARBIOS Active** enables the creation of a new generation of PLA (polylactic acid) that is 100% compostable, even at ambient temperature, without leaving toxic residues or microplastics. PLA plastic which includes this unique enzymatic solution is certified for industrial and home composting. **CARBIOS Active** was recently certified by the Biodegradable Products Institute (BPI), North America's leading authority on compostable products and packaging. Food Contact Notification and BPI certification ensure the quality of **CARBIOS Active**, providing brand owners and industrial

composters with a reliable solution for designing and marketing fully biodegradable packaging, aligning with circularity commitments.

**Emmanuel Ladent, CEO of CARBIOS:** *“For CARBIOS, product safety is of utmost priority and we consider FCN from the FDA as the gold standard. The US is a key market for CARBIOS’ biodegradation solution and we expect the FCN clearance to drive significant additional demand in North America in 2024. Well done to the teams from our biodegradation division for their relentless efforts.”*



**Stuart MacDonald, Senior Advisor for CARBIOS Biodegradation Division, North America:** *“CARBIOS is strategically forging commercial partnerships for its biodegradation solution with a specific focus on the US market. The consumer growing willingness to pay for green combined to increasing EPR regulations are putting pressure on brands and packaging industries to market more sustainable products, and CARBIOS Active answers their needs for improved circularity.”*

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**About CARBIOS:**

CARBIOS is a biotech company developing and industrializing biological solutions to reinvent the life cycle of plastic and textiles. Inspired by nature, CARBIOS develops enzyme-based processes to break down plastic with a mission to avoid plastic and textile pollution, and accelerate the transition to a circular economy. Its two disruptive technologies for the biorecycling of PET and the biodegradation of PLA are reaching industrial and commercial scale. Its biorecycling demonstration plant has been operational since 2021 and a first industrial plant, in partnership with Indorama Ventures, is due to be commissioned in 2025. CARBIOS, founded in 2011 by Truffle Capital, has received scientific recognition, notably with the cover of Nature, and is supported by prestigious brands in the cosmetics, Food & Beverage and apparel industries to enhance their products’ recyclability and circularity. Nestlé Waters, PepsiCo and Suntory Beverage & Food Europe are members of a packaging consortium founded by CARBIOS and L’Oréal. On, Patagonia, PUMA, PVH Corp. and Salomon collaborate with CARBIOS in a textile consortium.

Visit [www.carbios.com/en](http://www.carbios.com/en) to find out more about biotechnology powering plastic and textile circularity.

For latest news and media assets, visit our newsroom: [www.carbios.com/newsroom/en/](http://www.carbios.com/newsroom/en/)

LinkedIn: [CARBIOS](https://www.linkedin.com/company/carbios) / Instagram: [insidecarbios](https://www.instagram.com/insidecarbios)



**Information on CARBIOS shares:**

|                     |                        |
|---------------------|------------------------|
| <b>ISIN Code:</b>   | FR0011648716           |
| <b>Ticker Code:</b> | Euronext Growth: ALCRB |
| <b>LEI:</b>         | 969500M2RCIWO4NO5F08   |

CARBIOS is eligible for the PEA-PME, a government program allowing French residents investing in SMEs to benefit from income tax rebates.

*This press release and the information contained herein do not constitute an offer to sell or a solicitation of an offer to buy or subscribe to shares in CARBIOS in any country.*

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