
CARBIOS
Enzymes powering the Circular Economy

Carbios at a glance

THE FIRST AND ONLY COMPANY TO HAVE DEVELOPED BIOLOGICAL TECHNOLOGIES FOR THE END-OF-LIFE OF PLASTICS AND TEXTILES

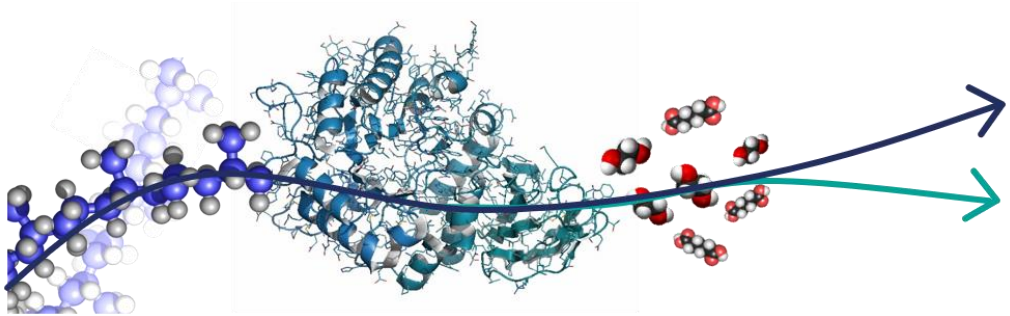
Founded in 2011	38 patent families	Multi-sources revenue business model
Strategic agreement with renowned brand owners	Exclusive partnership novozymes Rethink Tomorrow	80 employees

CARBIOS

Enzymes to fully breakdown plastics

A REVOLUTIONARY PROCESS FOR INFINITE RECYCLING AND BIODEGRADATION OF PLASTICS AND FIBERS

Enzymes are the new high-performance catalysts for the chemical industry



Polymers
(plastic and fibers)

Carbios' enzyme

Recovery of the initial monomers

ENZYMATIC DEPOLYMERIZATION OF THE POLYMERS

Repolymerization of monomers into polymers

ENZYMATIC RECYCLING

POTENTIAL RECOVERIES

BIODEGRADATION

Bioassimilation of the products of degradation by microorganisms present in nature

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Carbios' journey toward industrialization

Scientific Validation

Publication in Nature[1], in April 2020, co-authored by Carbios' CSO together with scientists from Carbios and the Toulouse Biotechnology Institute.

[1]: Vol 580, 9 April 2020

Market Validation

Our 4 brand-owners partners, L'Oréal, Nestlé Waters, PepsiCo and Suntory Beverage and Food Europe have presented in June 2021 one of their packaging manufactured in industrial conditions, made with product coming from our technology, food-contact approved.

Industrial Validation

Start-up of our demonstration plant in Clermont-Ferrand, end of September 2021.

Granting licenses as of end of 2022.

Industrialization

Start-up of a first-of-a-kind industrial unit (the reference plant) beginning of 2025.

Successful capital increase of €114 million in May 2021.

Financing innovation

- How to finance a scaling start-up ?
- What are the key to be financed as a start up ?


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