



Société anonyme (public limited company) with a Board of Directors and capital of  
€5,715,130.40

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Beauzire, France

RCS Clermont-Ferrand 531 530 228

**AMENDMENT TO THE 2020 UNIVERSAL REGISTRATION DOCUMENT  
FILED WITH THE AUTORITÉ DES MARCHÉS FINANCIERS (AMF) ON  
APRIL 14, 2021 UNDER NUMBER D.21-0306**



This amendment to the Universal Registration Document was filed on April 30, 2021 with the AMF, as the competent authority in respect of (EU) Regulation no. 2017/1129, without prior approval in accordance with Article 9 of the said regulation.

The Universal Registration Document may be used in support of a public offering of securities or the admission to trading of financial securities on a regulated market if it is supplemented by a transaction note and, if applicable, a summary note and all amendments made to the Universal Registration Document. The set of documents is approved by the AMF in accordance with (EU) Regulation no. 2017/1129.

This amendment updates and must be read in conjunction with the 2020 Universal Registration Document filed with the Autorité des marchés financiers on April 14, 2021 under number D.21-0306. The 2020 Universal Registration Document and this related amendment are available free of charge from Carbios, on the Company's website ([www.carbios.com](http://www.carbios.com)) and the AMF's website ([www.amf-france.org](http://www.amf-france.org)).

## **SUMMARY OF THE AMENDMENT TO THE 2020 UNIVERSAL REGISTRATION DOCUMENT**

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## **1. Updated information on the person responsible**

### **1.1 Identity of the person responsible for the amendment to the Universal Registration Document**

Jean-Claude Lumaret, Chief Executive Officer.

### **2.1 Declaration by the person responsible**

*"I certify that the information contained in this amendment is, to the best of my knowledge, correct and does not contain any omissions that would alter its scope."*

Saint-Beauzire,  
April 30, 2021  
Jean-Claude Lumaret  
Chief Executive Officer

## 2. Cross-reference tables

The cross-reference table below shows the chapters or sub-chapters of the Company's 2020 Universal Registration Document ("URD") subject to an update in this amendment, with direct links to the sections of the corresponding update. This table of contents is drawn up in accordance with Annexes 1 and 2 of Commission Delegated Regulation (EU) 2019/980 of March 14, 2019:

	<b>Annexes 1 and 2 of Delegated Regulation (EU) No. 2019/980</b>	URD chapters/sections	Update performed
<b>1</b>	<b>Persons responsible, third-party information, experts' reports and competent authority approval</b>	Chapter 7	
1.1	Identity of the persons responsible	7.3	
1.2	Declaration of the persons responsible	7.3	
1.3	Experts' declarations	N/A	
1.4	Third-party information	N/A	
1.5	Statement from the competent authority	7.5	
<b>2</b>	<b>Statutory auditors</b>	7.4	
2.1	Principal Statutory Auditors	7.4.1	
2.2	Statutory Auditors that resigned or were dismissed	7.4.2	
<b>3.</b>	<b>Risk factors</b>	Chapter 3	
<b>4</b>	<b>Information concerning the issuer</b>	7.1	
4.1	Company name and business name of the issuer	7.1.1	
4.2	Place of registration, registration number and LEI of the issuer	7.1.2	
4.3	Date of incorporation and length of life of the issuer	7.1.3	
4.4	Registered office of the Company and legal form, applicable legislation, website and other	7.1.4	
<b>5</b>	<b>Business overview</b>	Chapter 1	
5.1	Main activities	1.4 to 1.6	- Section 1.4.2 of the URD updated by this section 3 - Section 1.4.5.3 of the URD updated by sections 4 and 5
5.1.1	Nature of transactions carried out by the issuer	1.4; 1.5	- Section 1.4.2 of the URD updated by this section 3 - Section 1.4.5.3 of the URD updated by sections 4 and 5
5.1.2	New products and/or services	1.6	
5.2	Principal markets	1.2	
5.3	Important events	7.1.5	
5.4	Strategy and objectives	1.3	
5.5	Extent of dependence	3.2.1.4	
5.6	Competitive position of the issuer	1.4.4; 1.5.4; 3.2.1.3	
5.7	Investments	2.2.4	
5.7.1	Material investments	2.2.4.1	
5.7.2	Material investments in progress	2.2.4.2	
5.7.3	Joint ventures and significant shareholdings	2.2.4.3	
5.7.4	Environmental impact of the use of property, plant and equipment	2.2.4.4	
<b>6</b>	<b>Organizational structure</b>	1.1.4	
6.1	Brief description of the group	1.1.3; 1.5; 5.3	
6.2	List of significant subsidiaries	2.2.4.3	
<b>7</b>	<b>Operating and financial review</b>	2.1	
7.1	Financial position	2.1	

	<b>Annexes 1 and 2 of Delegated Regulation (EU) No. 2019/980</b>	URD chapters/sections	Update performed
7.1.1	Changes in the issuer's results	2.1.3; 5.1	
7.1.2	Likely future development of the issuer's activities and its R&D activities	1.4.3; 1.5.3; 1.6	
7.2	Operating income	2.1.2; 2.1.3.1	
7.2.1	Key factors	2.1.1	
7.2.2	Major changes	N/A	
8.2	Cash flows of the issuer	2.2.2	
8.3	Financing needs and financing structure of the issuer	2.2.3	
8.4	Restrictions on the use of the issuer's capital resources	N/A	
8.5	Expected sources of funding	2.2.3	
<b>9</b>	<b>Regulatory environment</b>	1.2.2; 1.2.3; 3.2.6	
<b>10</b>	<b>Trend information</b>	2.3	
10.1	Most significant trends Significant change in financial performance	2.3	
10.2	Known trends that are reasonably likely to have a material effect on the issuer's prospects	2.4	
<b>11</b>	<b>Profit forecasts or estimates</b>	2.4	
<b>12</b>	<b>Administrative, management and supervisory bodies and executive management</b>	4.1	
12.1	Information concerning the members of the issuer's administrative and management bodies	4.1.1; 4.1.2	
12.2	Conflicts of interest	4.1.4	
<b>13</b>	<b>Remuneration and benefits</b>	4.2	
13.1	Compensation and benefits paid	4.2	
13.2	Total amounts set aside to provide for pension, retirement or similar benefits	N/A	
<b>14</b>	<b>Board practices</b>	4.1.5	
14.1	Duration of terms of office	4.1.5.1.2.1	
14.2	Service contracts	4.1.5.1.2.3	
14.3	Information concerning committees	4.1.5.2	
14.4	Statement related to corporate governance	4.1.5.2.3	
14.5	Implications of future changes in the composition of bodies	N/A	
<b>15</b>	<b>Employees</b>	1.1.4; 6.4.2	
15.1	Human Resources	1.1.4	
15.2	Shareholdings and stock options	6.4.2	
15.3	Any arrangements for involving the employees in the capital of the issuer	N/A	
<b>16</b>	<b>Major shareholders</b>	6.1	
16.1	Distribution of share capital	6.1.1	
16.2	Existence of different voting rights	6.1.2	
16.3	Control of the issuer	6.1.3	
16.4	Agreements resulting in a change of control	N/A	
<b>17</b>	<b>Related-party transactions</b>	4.3	
<b>18</b>	<b>Financial information concerning the issuer's assets and liabilities, financial position and profits and losses</b>	Chapter 5	
18.1	Historical financial information	Chapter 5	
18.1.1	Audited historical financial information	Chapter 5	
18.1.2	Change of accounting key date	N/A	
18.1.3	Accounting standards	preamble Chapter 2; 5.1.4.4	
18.1.4	Change in accounting basis	N/A	
18.1.5	Breakdown of audited financial information	5.1	
18.1.6	Consolidated financial statements	N/A	
18.1.7	Date of most recent financial information	5.1	
18.2	Interim and other financial information	N/A	
18.3	Audit of historical annual financial information	5.2	

	<b>Annexes 1 and 2 of Delegated Regulation (EU) No. 2019/980</b>	URD chapters/sections	Update performed
18.4	Pro forma financial information	N/A	
18.5	Dividend policy	6.3	
18.6	Legal and arbitration proceedings	3.3.3	
18.7	Significant change in the issuer's financial position	N/A	
<b>19</b>	<b>Additional information</b>	6.4	
19.1	Share capital	6.4.1	
19.1.1	Amount of capital issued by class of shares	6.4.1.1	
19.1.2	Non-equity shares	6.4.1.2	
19.1.3	Treasury shares	6.4.1.3	
19.1.4	Securities	6.4.1.4; 6.4.2	
19.1.5	Rights of acquisition and/or any obligations	N/A	
19.1.6	Options or agreements	N/A	
19.1.7	History of share capital	6.4.1.6	
19.2	Articles of Incorporation and bylaws	7.2	
19.2.1	Entry in the register and corporate purpose	7.2.1	
19.2.2	Rights and preferences of shares	7.2.3.3	
19.2.3	Provisions impacting a change of control	7.2.6	
<b>20</b>	<b>Material contracts</b>	2.5	
<b>21</b>	<b>Documents available</b>	7.6	

### 3. Press release of April 23, 2021



#### Press release

### Carbios and Michelin take a major step towards developing 100% sustainable tires

- Michelin has successfully validated the use of Carbios' enzymatic recycling technology for PET<sup>1</sup> plastic waste in its tires
- Carbios confirms the potential of its recycled PET to address all types of applications – from bottles to clothing fibres and now technical fibres
- The validation of Carbios' technology in Michelin's tests, marks a new step towards 100% sustainable tires

Clermont-Ferrand – April 23, 2021 – (7:45 AM CEST)- [CARBIOS](#) (Euronext Growth Paris: ALCRB), a company pioneering new bio-industrial solutions to reinvent the lifecycle of plastic and textile polymers, and [MICHELIN](#), a leader in sustainable mobility, have taken a major step towards developing 100% sustainable tires. Michelin has successfully tested and applied Carbios' enzymatic recycling process for PET plastic waste, in order to create a high tenacity tire fibre that meets the tire-giant's technical requirements.

#### Enzymatic recycling: a revolutionary process

Carbios' enzymatic recycling process **uses an enzyme capable of depolymerizing the PET** contained in various plastics or textiles (bottles, trays, polyester clothing, etc.). This innovation allows infinite recycling of all types of PET waste. It also allows the production of 100% recycled and 100% recyclable PET products, **with the same quality as if they were produced with virgin PET.**

#### The application of PET enzymatic recycling in car tires: a world first

Conventional thermomechanical recycling processes for complex plastics do not achieve the PET high-performance grade required for pneumatic applications. However, the monomers resulting from Carbios' process, which used colored and opaque plastic waste such as bottles, once repolymerized in PET, made it possible to obtain a **high tenacity fibre meeting Michelin's tire requirements.**

The technical fibre obtained is of the same quality as the one from virgin PET, processed with the same prototype installations. This high tenacity polyester is particularly suitable for tires, due to its breakage resistance, toughness, and thermal stability.

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<sup>1</sup> PET (PolyEthylene Terephthalate) PET is a petroleum-based plastic wherein the monomers used, ethylene glycol and terephthalic acid, come from the transformation of petroleum. PET is the raw material for one of the main textile fibres used in tire reinforcements.

“We are very proud to be the first to have produced and tested recycled technical fibres for tires. These reinforcements were made from colored bottles and recycled using the enzymatic technology of our partner, Carbios,” said Nicolas Seeboth, Director of Polymer Research at Michelin. “These high-tech reinforcements have demonstrated their ability to provide performance identical to those from the oil industry.”

Carbios’ enzymatic recycling process therefore enables Michelin to get one step closer to its sustainable ambitions, and contributes to the entry of tires into a true circular economy. Michelin is committed to achieving 40% sustainable materials (of renewable or recycled origin) by 2030 and **100% by 2050**.

### **The potential of Carbios’ process confirmed**

This major step constitutes a world-first in the tire sector and confirms the potential of Carbios’ process to engage the industry in a responsible transition towards a sustainable circular economy model.

Every year, **1.6 billion** car tires are sold worldwide (by all tire manufacturers combined). The PET fibres used in these tires represent **800,000 tonnes of PET** per year.

When applied to Michelin – this represents nearly 3 billion plastic bottles per year that could be recycled into technical fibres for use in the company’s tires.

“In 2019, Carbios announced it had produced the first PET bottles with 100% Purified Terephthalic Acid (rPTA), made from the enzymatic recycling of post-consumer PET waste. Today, with Michelin, we are demonstrating the full extent of our process by obtaining from this same plastic waste, recycled PET that is suitable for highly technical fibres, such as those used in Michelin’s tires,” said Alain Marty, Carbios’ Chief Scientific Officer.

### **About Carbios:**

[Carbios](#), a green chemistry company, develops biological and innovative processes to revolutionize the end of life of plastics and textiles. Through its unique approach of combining enzymes and plastics, Carbios aims to address new consumer expectations and the challenges of a broader energy transition by taking up a major challenge of our time: plastic and textile pollution.

Established in 2011 by [Truffle Capital](#), the mission of Carbios is to provide an industrial solution to the recycling of PET plastics and textiles (the dominant polymer in bottles, trays, textiles made of polyester). The enzymatic recycling technology developed by Carbios deconstructs any type of PET plastic waste into its basic components which can then be reused to produce new PET plastics of a quality equivalent to virgin ones. This PET innovation, the first of its kind in the world, was recently recognized in a scientific paper published in the prestigious journal [Nature](#). Additionally, Carbios is working hand in hand with multinational brands — like L’Oréal, Nestlé Waters, PepsiCo and Suntory Beverage & Food Europe — to implement its technology, and to lead the transition toward a truly circular economy.

The Company has also developed an enzymatic biodegradation technology for PLA (a bio sourced polymer) based single use plastics. This technology can create a new generation of plastics that are 100% compostable in domestic conditions, integrating enzymes at the heart of the plastic product. This disruptive innovation has been licensed to [Carbiolice](#), a joint venture created in 2016, in which Carbios now holds a majority stake alongside the SPI fund operated by Bpifrance.

For more information, please visit <https://carbios.com/en/>

Twitter: [Carbios](#) LinkedIn: [Carbios](#) Instagram : [carbioshq](#)



### **About Michelin:**

Michelin, the leading mobility company, is dedicated to enhancing its clients' mobility, sustainably; designing and distributing the most suitable tires, services and solutions for its clients' needs; providing digital services, maps and guides to help enrich trips and travels and make them unique experiences; and developing high-technology materials that serve a variety of industries. Headquartered in Clermont-Ferrand, France, Michelin is present in 170 countries, has 123,600 employees and operates 71 tire production facilities which together produced around 170 million tires in 2020.



Carbios (ISIN FR0011648716/ALCRB) is eligible for the PEA-PME, a government program allowing French residents investing in SMEs to benefit from income tax rebates.

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## 4. Press release of April 26, 2021



### **Carbios announces the signing of an Expression Of Intent agreement with a major PET producer**

- Significant PET producer could host a 100% PET recycling production unit using Carbios' technology
- With this second EOI agreement, Carbios confirms its plan to build a first-of-a-kind production unit after site selection to be completed in 2022

**Clermont-Ferrand, 26 April 2021 (6:45 CEST)** – **Carbios** (Euronext Growth Paris: ALCRB), a company pioneering new enzymatic solutions to reinvent the lifecycle of plastic and textile polymers, announced that a non-exclusive and non-binding Expression Of Intent agreement was signed with a significant PET producer on April 15<sup>th</sup>, 2021.

With this additional agreement, as announced on April 6<sup>th</sup>, 2021<sup>1</sup>, Carbios confirms its plan to build a first-of-a-kind 100% PET recycling production unit using its enzymatic technology (the "Unit"). The company will carry out ongoing studies to select the most suitable site, technically and economically, to build this first industrial and commercial Unit.

Within this agreement, Carbios and the PET producer are considering the opportunity to build the Unit on one of the PET producer's sites.

Carbios' first industrial Unit is expected to allow for an annual production of approximately 40,000 tons of recycled PET, with the first revenues to be generated in 2025. It will also strengthen Carbios' business model, which is focused on the licensing of its technologies, know-how and the sale of enzymes to its licensees, who will build their own PET recycling production units.

"We are delighted to be engaged in strategic discussions with this important PET producer. The building of this first-of-a-kind 100% PET recycling facility is a major step in Carbios' development," **said Martin Stephan, Carbios' Deputy CEO.**

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<sup>1</sup> Cf. [April 6<sup>th</sup> 2021 press release](#)

## **About Carbios:**

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Established in 2011 by [Truffle Capital](#), the mission of Carbios is to provide an industrial solution to the recycling of PET plastics and textiles (the dominant polymer in bottles, trays, textiles made of polyester). The enzymatic recycling technology developed by Carbios deconstructs any type of PET plastic waste into its basic components which can then be reused to produce new PET plastics of a quality equivalent to virgin ones. This PET innovation, the first of its kind in the world, was recently recognized in a scientific paper published in the prestigious journal [Nature](#). Additionally, Carbios is working hand in hand with multinational brands — like L'Oréal, Nestlé Waters, PepsiCo and Suntory Beverage & Food Europe — to implement its technology, and to lead the transition toward a truly circular economy.

The Company has also developed an enzymatic biodegradation technology for PLA (a bio sourced polymer) based single use plastics. This technology can create a new generation of plastics that are 100% compostable in domestic conditions, integrating enzymes at the heart of the plastic product. This disruptive innovation has been licensed to [Carbiolice](#), a joint venture created in 2016, in which Carbios now holds a majority stake alongside the SPI fund operated by Bpifrance.

For more information, please visit <https://Carbios.com/en/>

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## 5. Press release of April 28, 2021



### Update on plan to build a first-of-a-kind production unit

- **Carbios takes notice of the termination of the Expression Of Intent with Equipolymers**
- **Confirmation of on-going discussions under the Expression Of Intent agreement signed with a significant PET producer as announced on April 26<sup>th</sup>, 2021**
- **Carbios confirms its plans to build a first-of-a-kind production unit once site selection is completed in 2022**

**Clermont-Ferrand, April 28 2021 (7:00 pm CEST) – Carbios** (Euronext Growth Paris: ALCRB), a company pioneering new enzymatic solutions to reinvent the lifecycle of plastic and textile polymers, announces the termination, on April 28<sup>th</sup>, 2021, of the non-exclusive and non-binding Expression Of Intent with Equipolymers previously announced in the press release dated April 6<sup>th</sup>, 2021.

Carbios confirms its plan to build a first-of-a-kind production unit after site selection is completed in 2022.

Carbios remains committed to continuing the current discussions with a significant PET producer, announced on April 26<sup>th</sup>, 2021, for the purpose of selecting the most suitable site to build this first industrial and commercial unit.

### **About Carbios:**

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