PRESS RELEASE

CARMAT receives the CE marking for its total artificial heart

- CE marking allows the company to market its total artificial heart in the EU as a bridge to transplant
- Virtual press conference scheduled on January 6, 2021

Paris, December 23, 2020 – 11 am CET

CARMAT (FR0010907956, ALCAR), the designer and developer of the world's most advanced total artificial heart, aiming to fulfill an unmet medical need by providing a therapeutic alternative to people suffering from end-stage biventricular heart failure, today announces that it has received the CE marking for its total artificial heart.

The CE marking was granted on December 22, 2020 to CARMAT's total artificial heart system as a bridge to transplant in patients suffering from end-stage biventricular heart failure (Intermacs Classes 1-4) who are not amenable to maximal medical therapy or the LVAD[1] and who are likely to undergo heart transplant in the 180 days following implantation.

The CE marking allows the company to market its total artificial heart system in all countries that recognize this certification, including all the countries of the European Union.

A virtual press conference with Stéphane Piat, Chief Executive Officer of the company, is scheduled on January 6, 2021 at 10 am. Further details will follow in due time.

Stéphane Piat, Chief Executive Officer of CARMAT, says: *"The CE Marking is great news for patients and a major milestone for CARMAT. As early as January, we will accelerate the ramp-up of our manufacturing activities and intensify discussions with our core target customers in order to achieve a smooth commercial launch during the second quarter of 2021, and thus offer a solution to many patients waiting for a heart transplant. The CE marking definitely opens-up a new and very promising chapter for the Company. I am also particularly proud of our employees who have shown exceptional commitment and resilience during these very special times and of course of I would like to thank all our shareholders who have supported us for many years. I will be happy to share further details on our launch plan during a press-conference that will take place on January 6, 2021."*

Listing of the CARMAT share will resume at the opening of the stock market on December 24, 2020.

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[1] LVAD: Left Ventricular Assist Device

About CARMAT: the world's most advanced total artificial heart project

A credible response to end-stage heart failure: CARMAT aims to eventually provide a response to a major public health issue associated with heart disease, the world's leading cause of death: chronic and acute heart failure. By pursuing the development of its total artificial heart, composed of the implantable bioprosthesis and its portable external power supply system to which it is connected, CARMAT intends to overcome the well-known shortfall in heart transplants for the tens of thousands of people suffering from irreversible end-stage heart failure, the most seriously affected of the 20 million patients with this progressive disease in Europe and the United States.

The result of combining two types of unique expertise: the medical expertise of Professor Carpentier, known throughout the world for inventing Carpentier-Edwards® heart valves, which are the most used in the world, and the technological expertise of Airbus Group, world aerospace leader.

The first physiological artificial heart: given its size, the use of highly biocompatible materials, its unique self-regulation system and its pulsatile nature, the CARMAT total artificial heart could, assuming the clinical trials are successful, potentially save the lives of thousands of patients each year with no risk of rejection and with a good quality of life.

A project leader acknowledged at a European level: with the backing of the European Commission, CARMAT has been granted the largest subsidy ever given to an SME by Bpifrance; a total of €33 million.

Strongly committed, prestigious founders and shareholders: Matra Défense SAS (subsidiary of the Airbus Group), Professor Alain Carpentier, the Centre Chirurgical Marie Lannelongue, Truffle Capital, a leading European venture capital firm, ALIAD (Air Liquide's venture capital investor), CorNovum (an investment holding company held 50-50 by Bpifrance and the French State), the family offices of Pierre Bastid (Lohas), of Dr. Antonino Ligresti (Santé Holdings S.R.L.), of the Gaspard family (Corely Belgium SPRL and Bratya SPRL) and of M. Pierre-Edouard Stérin (BAD 21 SPRL), Groupe Therabel as well as the thousands of institutional and individual shareholders who have placed their trust in CARMAT.

For more information: *www.carmatsa.com*

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