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FAIRMAT reach an agreement in R&D with Siemens Gamesa for the recycling of production carbon fiber waste

FAIRMAT, a French deeptech company dedicated to the virtuous recycling of carbon composites, announces its very first R&D agreement with Siemens Gamesa, a pioneer and European leader in the wind industry. Fairmat will recycle composite waste from a Siemens Gamesa site in Denmark.

Paris, Thursday 5 May 2022 – FAIRMAT, a French deeptech company specialised in the virtuous recycling of carbon composites, announces a major R&D agreement signed with Siemens Gamesa, one of the European leaders in the wind industry. FAIRMAT will collect the composite waste deriving from the manufacturing of wind turbine blades at a Siemens Gamesa production site in Aalborg, Denmark. The waste will next be transported to FAIRMAT's production site, FAIRFACTORY, located in Bouguenais (44). It is then that their compatibility with FAIRMAT's industrial process and the possibility of giving them a second life in markets such as automotive, mobility, sport and construction will be studied.

Following the results of the R&D collaboration, FAIRMAT and Siemens Gamesa will evaluate the establishment of an ongoing collaboration on the recycling of carbon reinforced composite waste parts from Siemens Gamesa's manufacturing processes.

“At Siemens Gamesa we are committed to the transition to a circular economy. We have a desire to minimize the waste from our processes and products, and we rely on partners like FAIRMAT in our strategic development. We see a great potential in the FAIRMAT solution, and the potential environment benefits that it brings. The use of carbon composites in the construction of wind turbine blades is likely to increase in the next generation of wind turbines, and it is of utmost importance to SGRE to have sustainable solutions in place to handle the waste materials for this coming volume – and this solution holds this potential, we believe.” explains **Jonas Jensen, Sustainability Specialist for Siemens Gamesa.**

“We are very pleased to put our technology to work for a key ambition of the energy transition, namely to contribute to guaranteeing wind turbines a second life. It is more important than ever to find alternatives to landfill and incineration in order to preserve our natural resources. A partnership of this kind is a wonderful opportunity for FAIRMAT to develop on this market, to have a positive impact on the environment and to strengthen its reputation.” adds **Benjamin Saada, President and Founder of FAIRMAT.**

FAIRMAT continuing the industrial deployment of its technology

FAIRMAT has perfected a virtuous recycling technological process, capable of making the production of carbon fibre-based composites circular, thus giving a second life to this high value-added material. The carbon and resin are processed mainly in the cold state, which reduces energy costs and avoids landfill or incineration as is usually the case. Thanks to this process, FAIRMAT is able to save 41kg of CO2 emissions per kg of recycled carbon composite. FAIRMAT is targeting capacity of 5000 tonnes of recycled material per year in their first production site.

About FAIRMAT

Founded in 2020 by Benjamin Saada, FAIRMAT is a French deeptech that is aimed at revolutionising the recycling of carbon fibre composites. Thanks to its disruptive technology, FAIRMAT is helping to create a sustainable future for composites and a more environmentally friendly industrialisation in the long term.

More information at: www.fairmat.tech

For more information, visit www.siemensgamesa.com and connect with us on social media

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