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# FAIRMAT signs a major agreement with Siemens Gamesa on R&D for the recycling of carbon fiber production offcuts

***FAIRMAT, the French deeptech specializing in the virtuous recycling of carbon composites, announces its very first R&D agreement with Siemens Gamesa, a pioneer and European leader in the wind power industry. Fairmat will recycle composite waste from one of Siemens Gamesa's Danish sites.***

**Paris, Thursday, May 5, 2022 –** FAIRMAT, the French deeptech specializing in the virtuous recycling of carbon composites, announces the signing of an R&D agreement with Siemens Gamesa, one of the European leaders in the wind power industry. FAIRMAT will collect composite waste from the manufacturing of wind turbine blades at a Siemens Gamesa production site located in Aalborg, Denmark. The waste will then be shipped to FAIRMAT's production site, FAIRFACTORY, located in Bouguenais, France. Its compatibility with FAIRMAT's industrial process will then be studied, along with the possibility of giving it a second life in markets such as automotive, mobility, sport and construction.
Based on the R&D results, FAIRMAT and Siemens Gamesa will assess the establishment of an ongoing collaboration on the recycling of carbon fiber-reinforced composite waste from Siemens Gamesa's manufacturing processes.

"*At Siemens Gamesa, we are committed to the transition towards a circular economy. We want to minimize waste from our processes and products, and we count on partners like FAIRMAT for our strategic development. We see great potential in the solution proposed by FAIRMAT and the potential environmental benefits it brings. The use of carbon fiber-based composites in the construction of wind turbine blades is expected to increase in the next generation of turbines, and it is of the utmost importance for SGRE to have sustainable solutions in place to manage the waste from this upcoming volume – and we believe this solution holds that potential. "* explains **Jonas Jensen, Sustainability Specialist at Siemens Gamesa.**

"*We are delighted to put our technology at the service of a key ambition of the energy transition: helping to secure a second life for wind turbines. More than ever, finding alternatives to landfilling and incineration is vital for the preservation of our natural resources. Such a partnership is a wonderful opportunity for FAIRMAT to grow in this market, to have a positive impact on the environment and thus to strengthen its reputation."* adds **Benjamin Saada, CEO and founder of FAIRMAT.**

**FAIRMAT continues the industrial deployment of its technology**
FAIRMAT has developed a virtuous recycling process capable of making carbon fiber composite production circular, thus giving this high-value-added material a second life. The carbon and resin are mainly processed at low temperature, which reduces energy costs and avoids the landfilling or incineration that is usually practiced. Thanks to this process, FAIRMAT saves 41 kg of CO2 emissions per kg of recycled carbon composite. FAIRMAT is targeting a capacity of 5,000 tonnes of recycled materials annually at its first production site.

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**About FAIRMAT**Founded in 2020 by Benjamin Saada, FAIRMAT is a French deeptech whose ambition is to revolutionize the recycling of carbon fiber-based composites. Thanks to its breakthrough technology, FAIRMAT makes it possible to create a sustainable future for composites and a greener industrialization in the long term.
More information at: www.fairmat.tech

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