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ARKEMA AND EOS TAKE A STEP FORWARD TOGETHER BY ANNOUNCING A NEW RANGE OF CERTIFIED CARBON NEUTRAL IMPACT BIO-CIRCULAR POWDER SOLUTIONS FOR ADVANCED ADDITIVE MANUFACTURING

Advanced Laser Materials (ALM), an EOS company has announced the commercialization of advanced polyamide 11 powder solutions that are not just bio-based, but are also certified as carbon neutral as a result of ALM’s additional steps to offset ancillary carbon generation, including installation of solar panels at ALM’s Texas headquarters, as well as investing in Gold Standard carbon credits from the MyClimate solar project in Ethiopia.

Sustainable Rilsan® polyamide 11 powders, produced by Arkema entirely from renewable castor beans, are recognized worldwide for their superior properties and performance in terms of toughness, durability, lightweight and processing versatility. Arkema is a pioneering innovator in castor-based high performance polymers and has recently announced several significant expansion investments including a new grassroots monomer and polymer plant in Singapore, which comes online mid-2022, as well as a state of the art new powders plant scheduled to start-up in the first quarter of 2023.

Arkema is also a major driver of sustainable castor farming in India, where the majority of the global castor crop is grown, and is a founding member of the *Pragati* project that has trained several thousand farmers on good agricultural and socio-economic practices.

EOS is a leading technology provider worldwide for industrial 3D printing of metals and plastics, offering everything needed from a single source: systems, materials and process parameters.

«Together with our partners, we strongly focus on establishing responsible manufacturing as the new normal,» said Moritz Kügler, Vice President of the Business Unit Polymer Materials of EOS. «For EOS this means putting its long-standing and pioneering technology expertise at the service of leading the world into responsible manufacturing and supporting EOS customers in achieving their own sustainability targets. Our customers always demand uncompromising performance and can get it now in addition to a world class sustainability story. This new EOS offer combines a sustainable feedstock from castor beans, with advanced performance characteristics and a carbon-neutral climate change profile».

«Arkema will continue to innovate and is investing to further lower the climate change impact of its materials to provide even more sustainable solutions,» said Adrien Lapeyre, global business director for Arkema’s high performance polymers in additive manufacturing. “We offer a unique combination of sustainability virtues – not just bio-based, but also sustainably farmed origin, lower carbon emissions, and open and closed loop recycling options as a result of our recent acquisition of Agiplast, a leading specialty polymer recycler».

Building on its unique set of expertise in materials science, **Arkema** offers a portfolio of first-class technologies to address ever-growing demand for new and sustainable materials. With the ambition to become in 2024 a pure player in Specialty Materials, the Group is structured into 3 complementary, resilient and highly innovative segments dedicated to Specialty Materials -Adhesive solutions, Advanced Materials, and Coating Solutions- accounting for some 82% of Group sales in 2020, and a well-positioned and competitive Intermediates segment. Arkema offers cutting-edge technological solutions to meet the challenges of, among other things, new energies, access to water, recycling, urbanization and mobility, and fosters a permanent dialogue with all its stakeholders. The Group reported sales of around €8 billion in 2020, and operates in some 55 countries with 20,600 employees worldwide.

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