



Aachen, Germany, April 19th 2021

AMAC cooperates with ITA (Institute for Textile Technology of RWTH Aachen University and their ITA GmbH) for the business development in composites

As of April 19th, 2021, AMAC is pleased to announce its cooperation with the Institute for Textile Technology, ITA, of RWTH Aachen University and their ITA GmbH. The aim of the cooperation is to strengthen and develop their business activities in composites.

ITA, as one of the largest institutes on the campus of the excellence University RWTH Aachen, Germany, develops complete solutions from the manufacturing of the fiber itself over the processing of textile intermediates with thermoplastic and thermoset resins, textile-based part manufacturing, capabilities such as braiding, pultrusion and in-situ impregnation of textile preforms. Top 3 focused industries are transportation and particularly the e-mobility sector, building and construction as well as the wind energy sector. Additionally, ITA GmbH is the partner of the industry in R&D, focusing on 8 business segments, providing technology and knowledge transfer, as well as offering comprehensive solutions along the entire textile value chain.

Prof. Dr. Thomas Gries, Director of ITA, explains the background of the strategic cooperation with focus on composites: „Our long-term experience and unmatched know-how with all aspects of continuous fibers, non-wovens and web-based reinforcements allows us to deliver to the composite manufacturers a complete technology and service offer around the development of technical textiles, from the development of glass and carbon fibers to the textile-based processing of composite parts. In all process steps of our research and developments, we focus on sustainable and recyclable solutions, an efficient cost-performance ratio, the possible use of bio-based materials and the reduction of the CO₂ footprint. We are glad to cooperate with Dr. Michael Effing and AMAC in order to benefit from his door-opening network in the composites industry. “

Dr. Michael Effing, Managing Director of AMAC GmbH: „I am very happy to support the ITA to generate innovation thanks to further industrial networking and pre-competitive joint projects. ITA is indeed a one-stop source for composite solutions from the fiber to the cost-efficient manufacturing of final parts. In the context of the Covid-19 impact to the entire industry, it makes sense to bundle forces. Furthermore, ITA, with its long tradition and satisfied customers offers further valuable networking opportunities to the composites industry as well as access to relevant complementary

fiber-based excellence and 250 different technologies in their machine-park with an outstanding infrastructure in Aachen.”

About the Institut für Textiltechnik (ITA) of RWTH Aachen University

The core of the ITA Group is the research and teaching institution, the Institut für Textiltechnik (ITA) of RWTH Aachen University. The ITA Group is an international research and training service provider for fiber-based high-performance materials, textile semi-finished products and their manufacturing processes with about 400 employees.

www.ita.rwth-aachen.de

About ITA Technologietransfer GmbH

The ITA Group is a leading research and qualification service provider with 350 employees in the fields of fiber-based high-performance materials, textile semi-finished products and their manufacturing processes. For more than 20 years, ITA Technologietransfer GmbH has been transferring research and development results from the fields of man-made fibers, textile machinery, fiber composites and medical textiles to industry. With ITA's industry know-how, ITA offers comprehensive solutions to problems in the composites sector. ITA Technologietransfer GmbH supports developments with expert advice, prototype production, and an international network of stakeholders from the entire textile value chain. ITA Technologietransfer GmbH works closely with the Institute for Textile Technology at RWTH Aachen University, the Institute for Applied Medical Technology (Helmholtz Institute) and TFI - Deutsches Forschungsinstitut für Bodensysteme e. V. (German Research Institute for Soil Systems). Due to the intensive cooperation with the university network, industry customers benefit from the versatile possibilities, innovative methods and independent research.

<https://www.ita-gmbh-ac.de>

About AMAC

AMAC GmbH is an Industrial and Business Consulting Company in the field of lightweight construction materials based in Aachen, Germany. The business model of AMAC is based on three pillars: establishment and development of networking and clusters between universities and industrial companies, Sales and Business development excellence as well as management of industrial projects in the field of innovations and commercialization. Dr. Michael Effing is Chairman of the board of the trade associations Composites Germany and AVK.

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