AVK-NEWSTICKER

SEPTEMBER 2026



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AVK | A VERSATILE PARTNER TO THE COMPOSITES INDUSTRY

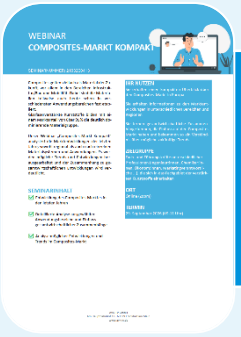
The (composites) industry in Europe is currently facing challenges. Established sectors, such as the automotive industry, are undergoing profound structural change. In other areas, there is, in some cases, significant growth potential.
Many companies are asking themselves how the composites market is developing and what opportunities for action this presents.

For more than 100 years, the AVK has been an active partner to the composites industry in Germany and Europe. We analyse developments and, through our network, facilitate active dialogue across the entire value chain.

We make our expertise available to you in a variety of ways:



FREE ANNUAL COMPOSITES MARKET REPORT



SEMINARS, SUCH AS OUR *COMPOSITES MARKET COMPACT* WEBINAR



CURRENT MARKET RESEARCH



PERSONALISED ADVICE AND PRESENTATIONS

Do you have a requirement or are you interested?
Please feel free to get in touch with us: elmar.witten@avk-tv.de

AVK | RENT A MEETING ROOM

Are you looking for a meeting room in a central location in Frankfurt? We would be delighted to offer you the opportunity to use our modern meeting room – which you will no doubt already be familiar with from our working group meetings – at our offices in Frankfurt am Main! We charge a daily flat rate for use of the meeting room, which includes technical equipment and refreshments. The cost is EUR 300 for up to 10 people and EUR 400 for 11–20 people.



Do you have any questions?

Please feel free to contact Katharina Wagner:
katharina.wagner@avk-tv.de

AVK | WE WELCOME NEW MEMBERS

We are delighted to welcome our new member, Fraunhofer LBF, to our network. Fraunhofer LBF in Darmstadt conducts research into the safety, reliability and sustainability of materials, components and technical systems. A particular focus is on structural integrity, plastics and composites, as well as their testing, simulation and further development. Working closely with industry partners, the institute develops practical solutions for a wide range of applications.

Fraunhofer LBF

COMPOSITES REPORT 14 | SUBMIT YOUR PAPER NOW!

AVK member institutions are once again invited to submit their contributions for the latest Composites Report. The theme this time is ‘Local Public Transport’. The deadline for submissions is 2 October 2026. As always, the following applies to you: as an AVK member institution, the publication of your contribution in the Composites Report is free of charge!

Do you have any questions or would you like to get involved?
Please feel free to contact our colleague Katharina Wagner.

WORKING GROUPS | NEW FEATURE ON THE AVK-WEBSITE

The working groups are a key pillar of our work. As you may already have noticed, our working groups have been given a new look on the AVK website! Updated descriptions and a clearer layout now provide an even better insight into the various topics and activities. Our working groups offer the opportunity to discuss current topics with other AVK members, share experiences and work together on issues facing the composites industry.
So please do take a look at the new pages and see if there are any other topics that interest you, in addition to the working groups you’ve been involved in so far. We’re also very happy to include new topics! We look forward to your participation and to the professional exchange within our network!



AVK | FEATURE ARTICLE

Together with the participants in our "Thermoplastic Composites Tubes & Profiles" working group, we have written a technical article on the topic of "Fiber-Reinforced Thermoplastic Tubes." Fiber-reinforced thermoplastic tubes are a relatively new class of materials that have only been increasingly used in mass production since the 2000s. The potential of these materials is generally considered to be very high due to their outstanding properties. The growing interest in these materials has led to the establishment of a special working group at the AVK, in which experts across the entire value chain are intensively examining potential applications and the further development of the technology. Since then, there has been a strong response across a wide range of application areas.

These include, for example, the automotive (OEMs), shipbuilding, aviation, and infrastructure/construction sectors. Additional technical articles are currently being planned in other working groups.



THERMOPLASTISCHE ROHRE & PROFILE

STARK. LEICHT. LANGLEBIG.

Faserverstärkte thermoplastische Rohre sind eine relativ neue Materialgruppe, die sich erst seit den 2000er Jahren zunehmend im Serieneinsatz finden lässt. Das Potenzial dieser Werkstoffe wird, aufgrund eines hervorragenden Eigenschaftsniveaus, aber allgemein als sehr hoch eingeschätzt.

Das zunehmende Interesse an den Materialien hat zum Einsatz eines speziellen Arbeitskreises bei der AVK geführt, in dem sich Experten entlang der gesamten Wertschöpfungskette intensiv mit möglichen Einsatzgebieten und der Weiterentwicklung der Technologie befassen.

Seitdem zeigt sich eine hohe Resonanz in vielfältigen Einsatzgebieten. Hierzu zählen beispielsweise die Bereiche Automotive (OEM's), Schiffbau, Luftfahrt und Infrastruktur/Bau.

Dass es nicht nur bei dem reinen Potenzial für die Serienfertigung bleibt, sondern sich auch anwendungsnahe Demonstratoren realisieren lassen, zeigte 2022 das Institut für Strukturleichtbau (Professur Strukturleichtbau und Kunststoffverarbeitung, technische Universität Chemnitz) in einem Vortrag, bei dem ein Frontend-Adapter für Mercedes-Benz als Technologienachweis vorgestellt wurde (vgl. Abb. 1).

Abbildung 1: „Mercedes-Benz Frontend-Adapter" - Emmrich Jens, Layer Markus, Engelmann Udo: Thermoplastische faserverstärkte Strukturbauteile für den Automotive-Bereich, thermoPre Fachtagung 2022, Chemnitz

AVK | FLAMMSCHUTZTAGUNG

Just two months to go until our third annual symposium on flame retardancy kicks off.
From November 18–19, 2026, you can learn about the latest developments, requirements, and innovations in the fields of materials and process development, public transportation, sustainability/recycling, construction/infrastructure, mobility, and standardization and testing through 15 concise presentations. The event will focus on construction/infrastructure and mobility applications. Components made of fiber-reinforced plastics/composites manufactured for these sectors often must exhibit specific flame-retardant properties. We recommend that you register as soon as possible.



NEED FURTHER TRAINING? THE AVK CAN HELP!

Fall is here, and with it, our fall/winter seminar program. This year, we're offering seminars and webinars on more than 10 topics. The program ranges from introductory training courses to process-focused sessions and Pultrusion 4.0. Not familiar with our seminars yet? Here's a brief overview:

HTTPS://WWW.AVK-TV.DE/EN/SEMINARS/

EUCIA | NEWSLETTER

The AVK has been working closely and actively with the European Composites Industry Association (EuCIA) for many years and is an active member. The latest news and developments are regularly reported in the EuCIA newsletter. Read the newsletter here:

NEWSLETTER EUCIA

PARTNER SEARCH FOR EUREKA 2026

We have been collaborating with our Turkish partner association, the TCMA (Turkish Composites Manufacturers Association), for some time now, and we are also closely connected through our joint activities with EuCIA.
The TCMA has sent us the following request:

Partner Search for Eureka 2026 Lightweighting Call – Potential Cooperation

One of our sector member companies, MAPLA Biotechnology A.Ş., is currently looking for a European industrial partner for an international R&D project under the Transnational Eureka Lightweighting Call 2026. The project aims to develop lightweight, low-carbon, bio-based composite materials using locally available agricultural and forestry side streams in Europe. MAPLA plans to adapt its EcoShell™ technology platform, developed in Türkiye using apricot kernel shells, to different local lignocellulosic resources in Europe.

They are particularly looking for a European partner such as a composite or polymer compound manufacturer, technical parts manufacturer, OEM/end-user, or a company with access to agricultural or forestry side streams. Partners with capabilities in material characterisation, process validation and industrial-scale testing would also be highly relevant. As Germany is one of the participating countries providing funding under the call, we thought that there might be a suitable company within the AVK network that could be interested in this project.

Contact person at TCMA ist Ebru KOÇ (Genel Sekreter/ Secretary General)