

AMPP and Advanced Carbons Council Partner to Address Emerging Materials Performance Challenges

AMPP and the Advanced Carbons Council sign a new agreement to advance collaboration on standards, research, and emerging materials technologies.

HOUSTON, TX, UNITED STATES, August 11, 2026 /EINPresswire.com/ -- As hydrogen, carbon dioxide, ammonia, and other emerging technologies introduce new materials performance challenges across critical industries,

the [Association for Materials Protection and Performance \(AMPP\)](#) and the [Advanced Carbons Council \(ACC\)](#) are joining forces to help industry better understand and address evolving risks.



The Association for Materials Protection and Performance

AMPP: Association for Materials Protection and Performance

The organizations have signed a three-year Memorandum of Understanding (MOU) to advance technical knowledge, standards development, research, and education at the intersection of advanced carbon materials and materials protection and performance. The collaboration will initially focus on carbon-enhanced coatings, with opportunities to expand into other areas of mutual interest as technologies and industry needs evolve.

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The partnership will move quickly from agreement to action. Its first initiative will be an AMPP Forefront Series Webcast on September 10, 2026, [“Advanced Carbon Materials in Coatings Applications,”](#) focused on advanced

engineered carbon materials – including graphene, graphene derivatives, and carbon nanotubes (CNTs) – as transformative additives in protective coatings technologies.

“As new technologies move from development into real-world applications, industry needs to understand how advanced materials are being formulated, evaluated, and deployed and how

these relate to more traditional coatings technologies,” said Sarah Olthof, Senior Manager of Technical Advancement at AMPP. “Working with the Advanced Carbons Council allows us to bring the right technical communities together earlier, share knowledge, and help turn emerging science into practical guidance that supports safer, more reliable assets.”

Under the MOU, AMPP and ACC will explore joint webinars, meetings, workshops, publications and research initiatives. The organizations may also identify opportunities for cooperation among their technical committees and standards activities, connecting subject matter experts from industry and academia while reducing unnecessary duplication of effort.

“Advanced carbon materials are opening new possibilities for coatings, infrastructure and energy technologies, but successful adoption depends on understanding how those materials perform in demanding operating environments,” said Terrance Barkan, Executive Director of the Advanced Carbons Council. “Our partnership with AMPP connects advanced materials expertise with the corrosion, coatings and asset protection knowledge needed to move promising technologies toward practical industry applications.”

The collaboration is intended to create stronger connections among materials developers, engineers, researchers, asset owners and other technical professionals working to solve emerging materials performance challenges. Research cooperation may include industry surveys, university or consortium-based research, dissemination of findings and other initiatives identified by the organizations.

The MOU became effective July 6, 2026, and will remain in effect for three years.

Learn more about AMPP standards at <https://content.ampp.org/standards>.

ABOUT AMPP

The Association for Materials Protection and Performance (AMPP) is a global leader dedicated to the protection of assets and the performance of industrial and natural materials. Established in 2021, AMPP brings together nearly 150 years of combined expertise from legacy organizations to advance solutions that enhance safety, security, and sustainability across industries. Serving more than 42,000 members in over 150 countries, AMPP is the largest organization of its kind, providing innovative standards, certifications, training, and resources. Headquartered in the United States with offices in Houston and Pittsburgh, AMPP also operates regional offices in Brazil, Canada, China, Dubai (training center), Malaysia, Saudi Arabia, and the United Kingdom. www.ampp.org

ABOUT ADVANCED CARBONS COUNCIL

The Advanced Carbons Council (ACC) was founded in 2013 and today is a global trade association reaching more than 40,000 materials professionals worldwide to promote the science-based understanding and use of engineered carbon materials for commercial application. www.advancedcarbonscouncil.com

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