
Product push ECS 2025 – Arkema



Speaker: Dr. Hélène Pernot

Bio: Dr. Hélène Pernot is the Sustainable Offer Manager for the Coating Solutions Segment of Arkema. She joined the group in 2015 in a business management position. She originated her career at L'Oréal where she had upstream and downstream R&D experiences.



Speaker: Dr. Thomas Lüder

Bio: Dr. Thomas Lüder is the Global Director of Sustainability Partnerships at Beckers Group since 2023. In this role, he focuses on driving the transition of Beckers' product portfolio towards a more sustainable business model by collaborating with global R&D teams and upstream and downstream supply chain partners. With extensive experience in leadership positions across procurement, supply chain, and process development, Dr. Lüder has a

proven track record of fostering innovation and operational excellence. His strategic vision and commitment to sustainability are central to promoting responsible practices within the industry.

Title: On the way to lower the carbon emissions of the coil coating industry (co conf with Thomas Lüder - Beckers)

Abstract: One of the biggest challenges faced by the built environment is to reduce its environmental footprint as buildings are responsible for about 40% of global energy related CO₂ emissions.* The effort to decarbonize the sector were initially focused on improving building efficiency, but since the last decade, emissions of the materials are gaining more and more attention under the impulsion of the World Green Building Council with certifications such as LEED & BREEAM. With the progressing decarbonization of steel production, the impact of coatings will become more visible and will create a need for the value chain to develop lower carbon footprint coating solutions for the coil industry. Beckers and Arkema will present latest advances addressing all aspects of the value chain from the use of renewable materials to the reduction of VOCs with high yield solutions and the development of disruptive technologies such as the UV/EB systems to lower emissions during the application process.

* Source: UN Global Status report for Building & Construction 2023