

Presentation Proposal

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Title: *Overcoming Purification Challenges in Advanced Recycling Processes*

Abstract: Due to increasing efforts to make polymers more circular a growing number of advanced recycling processes are on the edge to commercialization. As a result, the feedstocks for existing polymer production & compounding processes will change: Instead of fossil fuels, bio-based materials or recycled polymers will become a new, major source.

In order to ensure, that these new sources provide the same quality standard the industry has been used to, tailored purifications technologies processes are essential.

Sulzer offers a broad range of separation and purification technologies, designed for the rising challenges, enabling high-quality recycling of polymers. In the presentation, these technologies in the fields of pyrolysis, depolymerization and solvent-based recycling will be illustrated.