



Thursday 10 October 2024 @ Indaver (Doel, Beveren)

VALORISING WASTE STREAMS IN A CIRCULAR ECONOMY

Lecture

Valorisation of Ashes and Energy Balance Optimisation (Ecluse)

Ing. Wim Ooms (Indaver)

COMING SOON



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Traceability of Recycled Materials

Ir. Jennifer Lee (Worley)

COMING SOON



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Chemical Recycling: the Good, the Bad and the Ugly!

Prof. Dr. Ir. Kevin Van Geem (UGent)

Chemical recycling is often heralded as a promising solution to the growing plastic waste crisis, offering the potential to convert discarded plastics into valuable feedstocks. However, the reality of chemical recycling is far from straightforward. This talk will explore the complexities of chemical recycling, categorizing its impacts into the good, the bad, and the ugly. The "good" will highlight the potential benefits, such as waste reduction, reduced CO₂ emissions and circular economy prospects. The "bad" will address the technological, economic, and environmental challenges that hinder its scalability and discuss its efficiency. Lastly, the "ugly" will focus on the unintended consequences, including byproducts and emissions. Through a balanced analysis, this presentation aims to provide a comprehensive understanding of chemical recycling's role in sustainable waste management.