

Indaver P2C: Closing the Loop with Cutting-Edge Advanced Recycling

Indaver Plastics2Chemicals (P2C) offers a scalable and economically viable advanced recycling solution to convert post-consumer plastic waste into virgin quality products, contributing to a circular plastics recycling industry in Europe.

At the core, Indaver P2C uses a self-developed advanced recycling technology based on thermal depolymerization to convert polystyrene (PS) and polyolefins (PO) into high-quality base chemicals such as styrene (from PS) and naphtha (from PO). Importantly, the quality of the secondary raw materials is so high that they are also suitable for the production of primary food packaging and other high-end applications – a European first!

However, we do much more than chemical recycling alone. Indaver P2C unburdens the up- and downstream parts of the circular value chain. Together with parent companies Indaver and Katoen Natie, we can also provide sorting, pre-treatment, residue processing, and logistical services. This full service is backed by a strong R&D and engineering department.

During our presentation, you will learn more about our approach for PS and PO and you will get insight into our assets. We will also dive deeper into the chemical and technological fundamentals, showcasing how this affects, amongst others, the Design for Recycling (D4R) discussions.