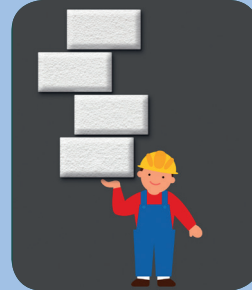


CONTRIBUTIONS TO A CIRCULAR ECONOMY

CASE STUDY
RECYCLING #7

PROFESSIONALIZING EPS RECYCLING SERVICES

- Across Europe, the EPS industry is committed to closing the loop with regard to the product value chain.
- A pioneering approach has been adopted by HIRSCH Servo Group in Austria to turn waste into high-quality construction material.
- By professionalizing and patenting this process, the company has commercialised recycling opportunities.



DESCRIPTION

The company has developed and patented a process turning EPS waste into a high-quality secondary material for heat-insulating, high-strength and high-quality leveling bulk material.

The EPS waste is partly coming from own production processes, partly from external disposal managers, and is reprocessed into base material for lightweight concrete. At construction sites, it ensures professional, fast and time-saving, standard-compliant floor construction.

The company was awarded the EPS Recycling Award by the EPS Industry Alliance (EPS-IA) in America for outstanding achievements and best practice examples in EPS recycling.

CONTRIBUTION TO A CIRCULAR ECONOMY

In 2016, 116,000kgs of EPS scrap were used for the production of lightweight concrete. 100% of the EPS content is secondary material. We believe that this is a smart product cycle – and in its new life, the lightweight concrete contributes again to saving scarce resources.

PARTNERS

Hirsch SERVO Group

“Long-standing industrial experience has enabled us to gain an extensive knowledge of material properties and application engineering. The economical use of raw materials is equally important to us, which shows that we take our responsibility towards environmentally friendly value added seriously.”

Harald Kogler, CEO HIRSCH Servo Group