RetourMatras transforms mattresses from waste to resource by dismantling and liberating over 80% of the materials out of a mattress. These materials are primarily polyurethane foam, metal, latex foam and textile.

Next to several mechanical recycling facilities for end-of-life mattresses, RetourMatras also operates a production facility for rebond foam. The company recycles discarded mattresses in the Netherlands, Belgium and England, turning them into circular resource.

Now they went a step further. In their new facility in Lelystad (NL), RetourMatras is using an advanced depolymerisation recycling technology to produce recycled polyl (repolyl) from polyurethane foam (PU) from end-of-life mattresses. Polyl is one of the key building blocks of polyurethane foam - the main cushioning material in mattresses - which is a significant step to closing the circle. Thanks to Ikano Industry, RetourMatras was able to accelerate this process.

Ingka Group, the largest IKEA retailer, is partnering up with RetourMatras, via its investment arm, Ingka Investments. Among other sustainability commitments, IKEA has an ambition to transform to become a circular business. Working towards this, IKEA aims to use only renewable or recycled materials by adapting, finding new sources, and developing new materials. As a global leader in mattress sales, IKEA aims to achieve their sustainability goals by incorporating circular raw materials (such as repolyl) in the manufacturing process of new mattresses.

The company is actively seeking opportunities to expand its recycling capacity. In addition to the Netherlands, Belgium and England, RetourMatras is actively establishing recycling plants in France and Scandinavia.