



# Mattress Collection and Dismantling in France: a Pioneer in Europe Promoting PU Foam Recycling

## PROJECT DESCRIPTION

Created in 2011 by French furniture and bedding distributors and manufacturers, Ecomaison’s ultimate goal is to give a second life to household objects and materials, thus to avoid drawing on natural resources and to preserve our environment.

In the field of mattresses, Ecomaison has led a step change on the management of end-of-life mattresses, by reducing progressively - and now totally - their landfilling. To achieve this, Ecomaison has developed a strong operational scheme and supported the right players in the field of mattress dismantling as well as in the field of latex and polyurethane foam recycling.

Ecomaison has supported innovation programs with both mechanical recyclers producing (fiber) rebond foams and with chemical recyclers. Progress is also being made in the field of mattress textile covers on a complementary approach of eco-design with French mattress manufacturers and textile recycling (mechanical, chemical and biological).

## PROJECT IMPACT

Ecomaison has achieved the valorization of over 90% End of Life mattresses today, therefore diverted from landfill.

Over 70 000 tons among the 1.5 M tons of furniture collected by Ecomaison in 2022 are mattresses (~4 M Mattresses), that are then headed to one of the seven dismantling units in France.

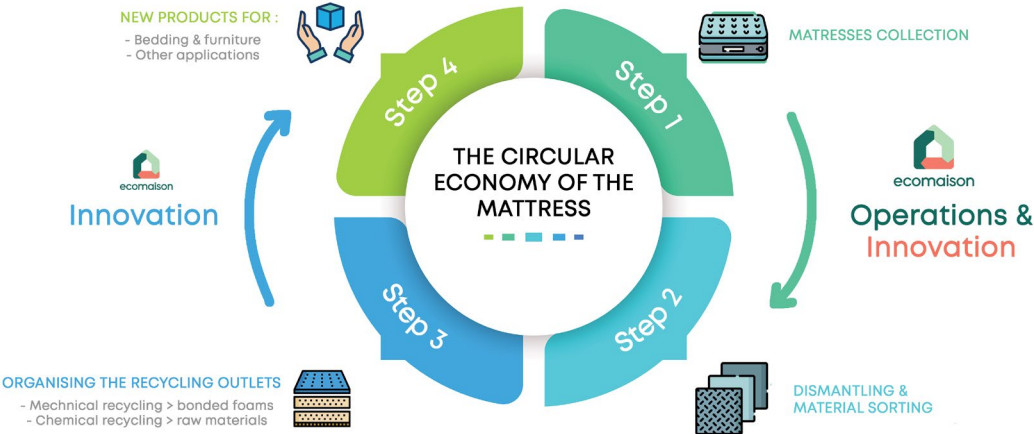
Around half were dismantled last year to maximize the recycling of sorted materials, such as polyurethane, latex, metals...

Ecomaison mobilizes its network to continually improve recycling rate compared to valorization as fuel in cement plants, and supply EoL materials to outlets.

Moreover, Ecomaison regularly supports R&D initiatives to diversify and develop EoL foam recycling technologies and new applications, by funding various projects on rebound foams into mattresses, automotive, sport or building in Europe.

More recently Ecomaison took a complementary step by partnering with DOW and contributing to the world's first chemical recycling unit for EoL polyurethane foam inaugurated at Orrion Chemicals Orgaform in France in 2021.

Ecomaison also started a cooperation with Covestro and other interactions on the topic, while becoming an active EUROPUR member.



Ecomaison - originally called Eco-mobilier - has extended its scope since 2022 to several Extended Producer Responsibility (EPR) schemes: games/toys, DIY/garden items, decorative textiles and building materials.

### ABOUT ECOMAISON

Ecomaison is the non-profit company in charge of Extended Producer Responsibility schemes for household items in France. Its role is to organize the collection, sorting, repair, reuse and recycling to ensure an extended life for objects and materials from the house. Ecomaison operates under French state approval and sets up the related services and solutions adapted to individuals and professionals thanks to the eco-contributions paid by consumers on new products.

### CONTACT

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### LEARN MORE

**Ecomaison Website**  
[www.ecomaison.com](http://www.ecomaison.com)

**Ecomaison Innovation Platform**  
[www.espace-innovation.ecomaison.com](http://www.espace-innovation.ecomaison.com)