



RECYCLING OF ACRYLIC

TEXTILE WASTE FROM

OUTDOOR AWNINGS

AND FURNISHINGS



## OUR IMPACT

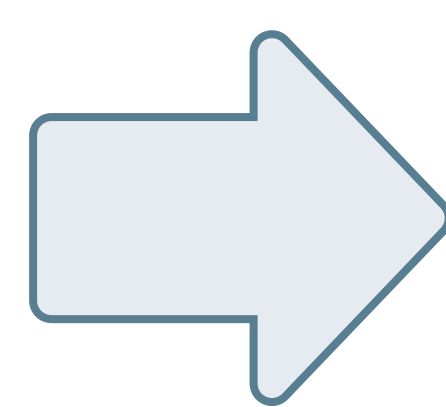
The project aims to have the following impact in Europe:

- **Increased recycling rate and reduced landfill and incineration of secondary raw materials.**
  - Target: collect 5% of the acrylic textile waste within two years after the project's end.
- **Increased purity and quality of secondary raw materials:**
  - Target: remove 90% of harmful chemicals used in the finishing process.
  - Our back-end logistics approach will lead to a higher quality and value of the recycled secondary raw material (aspect and performance), thanks to the sorting and selection of waste.
- **Reduced risk of retaining hazardous substances in recycled materials.**
- **Technology transfer to other sectors.**

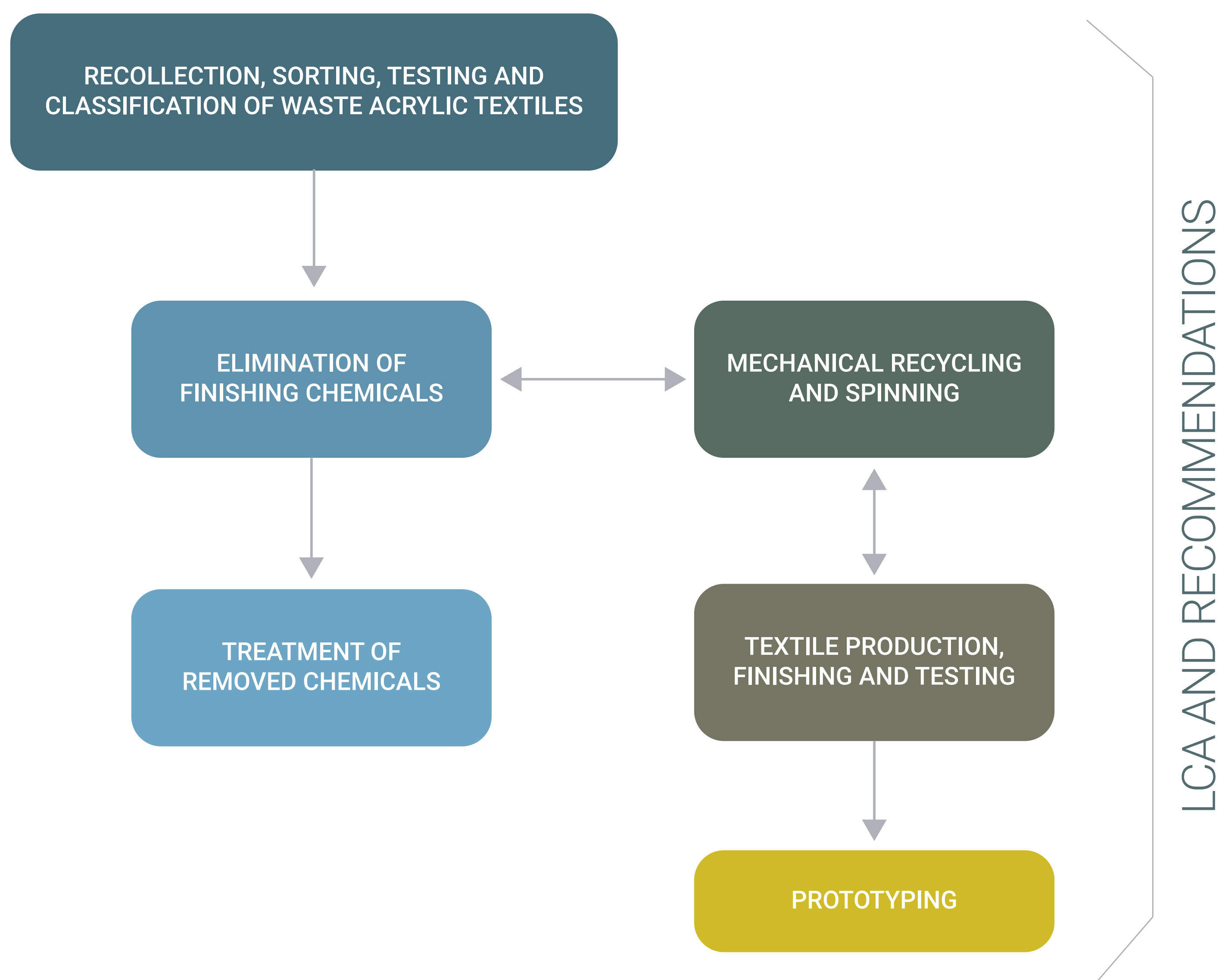
## OUR GOAL

Our goal is to identify processes to treat and recycle acrylic textile waste in an ecological and economical way. We aim to enable European fabric producers to improve sustainability and reduce environmental and health risks, by disposing of less waste, recovering hazardous chemicals and using smaller amounts of traditional chemicals.

IT IS ESTIMATED THAT EVERY YEAR, IN EUROPE, ABOUT 7'700 TONNES OF ACRYLIC TEXTILE WASTE ARE DISPOSED OF BY LANDFILL OR INCINERATION



- 11'000 tonnes/year of outdoor acrylic textiles
- 2.5 million awnings installed in Europe



@project\_react



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WWW.REACT-PROJECT.NET



The REACT project is funded by the European Horizon 2020 Programme under grant agreement N° 820869

