



Formulation of Recycling Projects

TECHNICAL AND CONCEPTUAL DESIGN OF RECYCLING INITIATIVES WITH A FOCUS ON MATERIALS AND SUSTAINABILITY

KEY WORDS

PROJECT FORMULATION,
PLASTIC RECYCLING,
WASTE VALORIZATION

DESCRIPTION

The Laboratory for Exploration in Environmental Architectural Materials (LEMAA) develops recycling project formulation services aimed at structuring research, development, and innovation initiatives related to the utilization of plastic waste. The service addresses problem definition, technical proposal, material and process selection, identification of potential applications in architecture and design, and the incorporation of sustainability and circular economy criteria, supporting the preparation of projects for public, private, or institutional funding, as well as for technology transfer processes.

AVAILABLE TECHNIQUES AND/OR EQUIPMENT

Definition of project objectives, scope, and expected results; Design of recycling and material valorization strategies; Selection of recycled materials and transformation processes; Support in the technical and methodological formulation of projects; Integration of circular economy and sustainability criteria

APPLICATIONS

- Formulation of projects for R&D&I funds
- Development of recycling initiatives applied to architecture and design
- Support for companies and organizations in waste valorization strategies
- Structuring circular economy and sustainability projects
- Preparation of initiatives for technology transfer and scaling

CONTACT US

lemaa@usach.cl

[Universidad de Santiago de Chile](http://www.usach.cl)