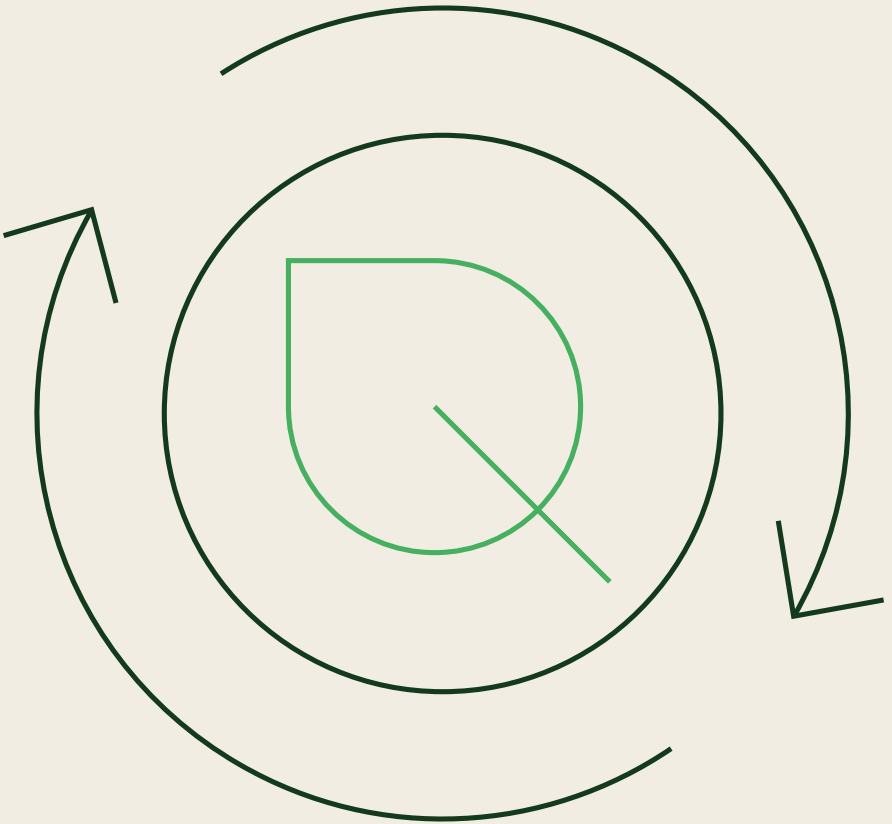


# Sustainable Packaging

**scilm**



**Our environmental  
commitment for a more  
sustainable future.**

## Sustainable packaging

# A year-long project with the aim to rationalize all packaging

In 2021, Scilm embarked on a path intended to optimise the eco-sustainability of the packaging it uses. The solutions implemented have allowed us to minimise our environmental impact in this regard while still providing good protection for products sent.

**The interventions described here involved more than twenty packaging product codes that have been replaced or modified.**

### Researching alternative materials

Our main goal was to gradually phase out polystyrene, a material with a high environmental impact, which is difficult to reuse and expensive to dispose of, replacing it with eco-compatible materials.

### Reduction in variety

We have made a gradual transition from plastic (PP or PE) to paper /cardboard in order to reduce the environmental footprint and facilitate composting. Where this was not possible, we switched from virgin plastic to regenerated plastic.

### Reduction in quantity

We have focused on reducing the thicknesses of plastic films in order to limit the use of this material, and generally to reduce packaging that is not strictly necessary.

FINISH LINE

MINIMUM QUANTITY, ONLY ONE  
ECO-COMPATIBLE MATERIAL  
FOR EACH PACKAGE



LIMITED, ECO-COMPATIBLE  
MATERIALS

REDUCED  
QUANTITY

START LINE

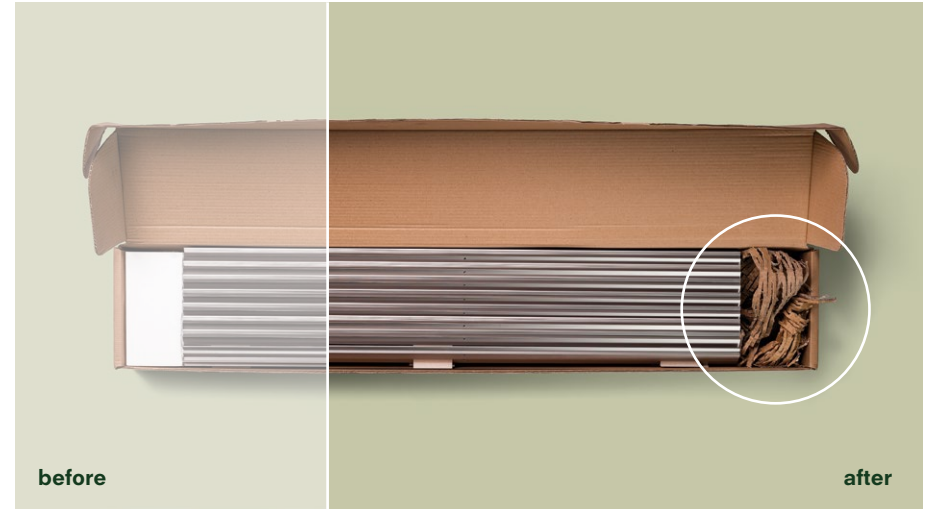
COMMON,  
ECO-COMPATIBLE  
MATERIALS

LARGE VARIETY  
OF MATERIALS

HIGH  
QUANTITY

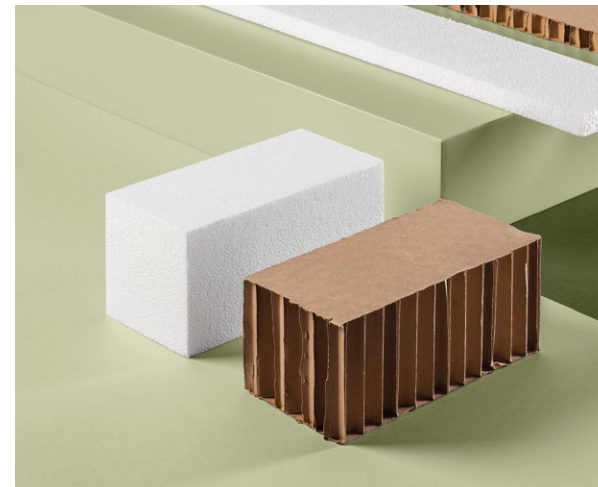
## Action taken regarding polystyrene

# Recycled cardboard for empty spaces: taking many new opportunities.



Until recently, we used fillers in expanded polystyrene chips for empty spaces in packages. We are now using cardboard recovered from packaging already used in-house, which is processed to increase its volume.

## Honeycomb cardboard: **hard-wearing,** **lightweight, 100% recyclable.**

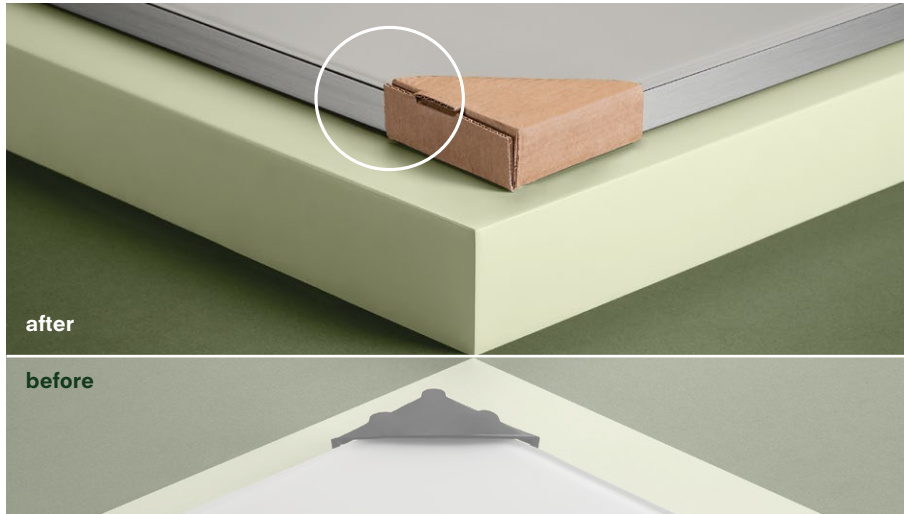


Dividers: transition from polystyrene to honeycomb cardboard, an exceptional material that provides excellent shock absorption.

Action taken regarding rigid plastic

## Cardboard corner protectors: protection against all kinds of impact, including impacts on the eco-system.

Essential for handling, transport and storage, corner protectors were previously made of rigid plastic. **As a result of our environmental rationalisation project, polypropylene (PP) and polyethylene (PE) have been replaced** by folded die-cut recycled cardboard.



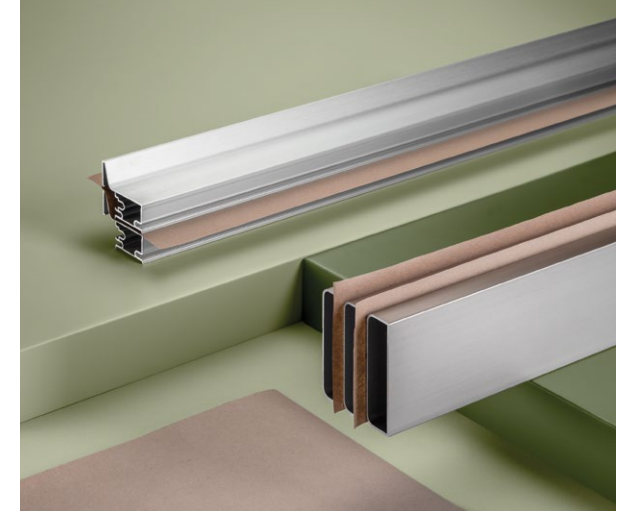
## Ecological paper tape: glued to sustainability.

All our packaging is now sealed with paper tape, which has replaced traditional polypropylene



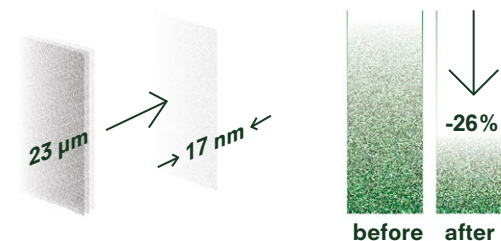
Action taken regarding plastic films

## Kraft paper instead of plastic films: protecting products and the environment.



Our profiles, previously separated from each other using a plastic film, are now separated by sheets of long-fibre Kraft paper, combining high resistance with eco-compatibility.

## Where it was not possible to replace plastic with paper, in order to maintain the quality of the product, we have decreased the thickness of the protective films and converted to PE



By reducing the thickness of plastic films, we have managed to save 6 quintals of PE and have reduced the use of plastic by a further 26%.

# scilm



**Scilm  
Sustainable  
Packaging  
Program**

**Scilm spa**

Via Delle Pezze 7  
35013 Cittadella (PD)  
Italy

Tel. +39 049 9404811  
Fax +39 049 9401919  
info@scilm.it  
www.scilm.it