

KaysersbergPlastics

# Reusable packaging

*savings* & *efficiency*

serving high-performance logistics



[www.kaysersberg-plastics.com](http://www.kaysersberg-plastics.com)

# Kaysersberg Plastics

## A wide range of reusable packaging

Kaysersberg Plastics design and manufacture complete customized solutions to meet all the demands and requirements throughout many industrial sectors. These include automotive, pharmaceutical, cosmetics, electronics, retail, household appliances, and the steel industry.

### The products' advantages

#### Modularity

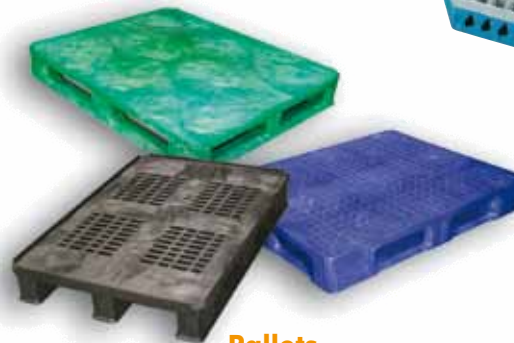
- Lightweight
- Ergonomic
- Foldable
- Customised
- Internal fittings possible

#### Strength

- Greater protection of goods
- Long service life
- Non-warp
- Rot-proof, rustproof and easy to clean

#### Flexibility

- Can be handled by pallet and fork truck
- Can be stacked, flat packed, nested



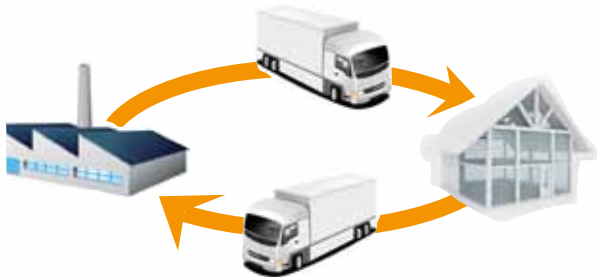
# Make the best choice to optimise the m

## A diversified range for all applications

Reusable plastic packaging is strong and durable and enables a considerable improvement in the profitability of logistics flows at all levels of the supply chain:

- **Trays, tubs**
- **Boxes, containers**
- **Plastic pallets**
- **Flexible or rigid internal fittings**

## Particularly suited to any closed logistics network

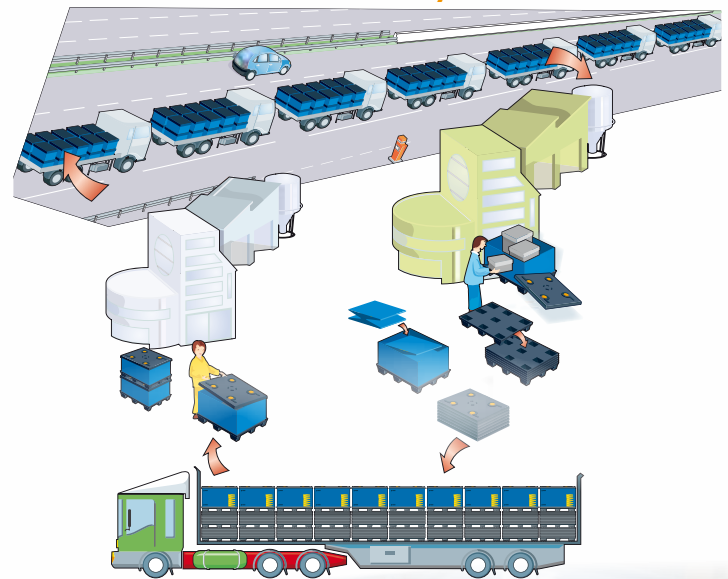


As soon as a regular circuit between a shipment location and a delivery location is identified, reusable packaging enables a considerable reduction in expenditure and an improvement in short or medium-term profitability.

## Optimisation of the logistics loop

- Between 40 et 70% savings on the overall cost
- Profitability achievable form the 1<sup>st</sup> year
- Saving on transport costs thanks to the light weight of the plastic material
- Space and cost savings for storage and return transport: once folded, up to 85% reduction in volume

### 7 trucks for delivery



### Just 1 truck for the return trip



# Management of your dedicated logistics

## Cost reduction

Comparison of single-use packaging / reusable packaging  
(costed example for the automotive sector for 1,530 packages)

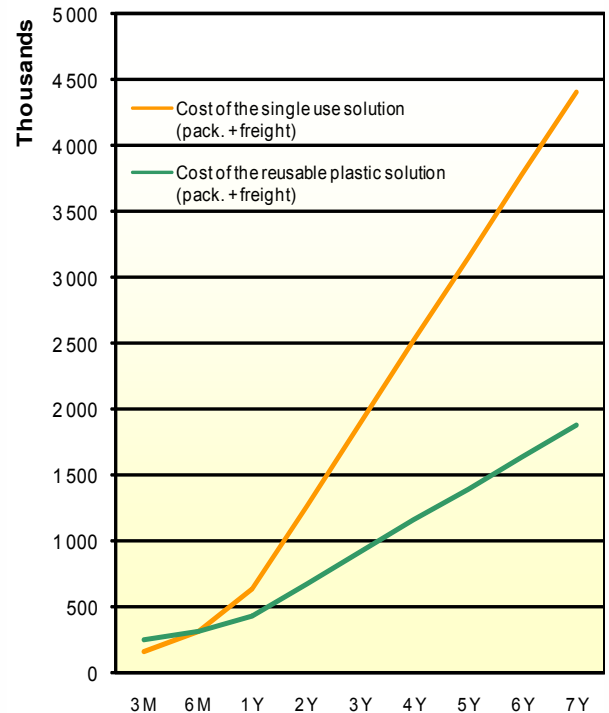
### Prerequisites:

Study over 7 years  
500 km transport distance  
102 containers/truck  
300,000 cars produced/year  
1 part/car  
9 parts/container

		
Container	single use	reusable
Dimensions	1 200 x 800 mm	1 200 x 800 mm
Return ratio		1/7

Container price	12.50€	125€
Total packaging cost over 7 years	2 916 667€	1 91 250€
Transport cost/part	0.71€	0.80€
Total transport cost over 7 years	1 491 000€	1 680 000€
Overall cost over 7 years	4 407 667€	1 871 250€
<b>Annual overall cost</b>	<b>629 667€</b>	<b>267 321 €</b>

That is almost  
**60% savings!**



Profitable from  
the 1<sup>st</sup> year!

## Respect for the environment

Ecodesign is a fundamental process in the development of reusable packaging, from design to recovery.

- **Design Phase**
  - 100% PP/PE packaging: optimum end-of-life recycling without sorting
- **Use Phase**
  - Long service life: up to 20 years' use
  - Reusable internal fittings: limits the quantity of waste
- **End of life: 2 options**
  - Recycling: no toxic emissions linked to combustion
  - Recovery: regranulation for the manufacture of new reusable packaging



PP



HDPE

# Kaysersberg Plastics

## The plastics specialist for over 30 years

As a major player in the manufacturing and processing of extruded plastic sheets, thermoformed products, injected and textile products, **Kaysersberg Plastics** generates a turnover of more than 90 million euros.

With 6 production and processing sites for plastic in Europe, **Kaysersberg Plastics** has expertise in the following 3 technologies:

### Extrusion

- 4 extrusion units in Europe (France, United Kingdom, Spain and Slovakia), including the Kaysersberg unit, specialising in the extrusion of twin-wall or solid polypropylene sheets intended for the packaging industry, amongst others.
- Low tooling costs, making this procedure particularly well-suited to customised small series production.



### Thermoforming

- 1 production unit in the North of France, specialising in standard thermoforming of extruded PP sheets and double skin rotary thermoforming for making twin-wall HDPE parts in 3D.
- Particularly well-suited to medium series production.



### Injection moulding

- 2 sites in France, including DW Plastics, specialising in making injected HDPE boxes and trays for the drinks industry.
- Particularly well-suited to large series production.



+ 1 site specialising in the manufacture of customised flexible fittings



**PP or HDPE,**  
from small to large series production,  
an answer to all your needs, at the lowest cost!

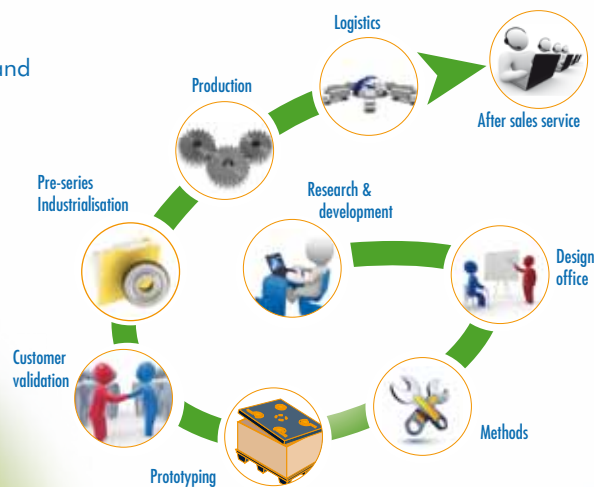
# Kaysersberg Plastics

## Your development partner

As a manufacturer of industrial extruded plastic sheets, thermoformed products, injected moulded products and textile fittings, Kaysersberg Plastics is able to offer its customers a turnkey service from concept to final solution for their reusable packaging requirements.

With:

- 6 design offices
- 1 test and analysis laboratory
- 1 R&D department
- 1 high-quality sales and technical team



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