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# Ecodesign in food packaging

## UNIT 5: Packaging logistics for food systems marketing

### Quiz and Assignment

Gabriel Laslu, Dipl. Eng. (IDT1), [gabriel.laslu@gmail.com](mailto:gabriel.laslu@gmail.com)

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## Quiz

1) Logistics functions for marketing food systems are:

A. Facilitate distribution; Protecting both the product and the environment; Provides information about conditions and locations; Marketing functions; Graphic design; Formulation of legislative and marketing requirements; Customer requirements / consumer convenience for final use;

B. Logistics Functions: Facilitate distribution; Protecting both the product and the environment; Provides information about conditions and locations; Marketing functions; Environmental issues; Recovery / recycling, dematerialisation versus reusable packaging toxicity.

C. Logistics Functions: Facilitate distribution; Protecting both the product and the environment; Provides information about conditions and locations; Marketing functions; Graphic design; Formulation of legislative and marketing requirements; Customer requirements / consumer convenience for final use; distribution; Environmental issues;

*Answer C.*

2) Systems used in food packaging, logistics, include:

A. Containers or corrugated cardboard boxes, shrink-film bundles, reusable bags, packaging units composed of pallets, and stretch film.

B. Containers and metal boxes.

C. Plastic trays covered with plastic tightening foil.

*Answer A.*

3) The most commonly used reusable packaging is plastic packaging and less corrugated cardboard boxes, wooden boxes and boxes placed on pallets. This logistics is used to:

A. A short supply chain, well managed, with predictable stability.

B. Logistics networks delivering food through complex distribution channels.

C. Transportation of products to the market.

*Answer A.*

4) Reusable packaging has a standard fingerprint:

A. 500 x 500 mm

B. 600 x 400 mm

C. 500 x 300 mm

*Answer B.*



5) The pallet is:

A. A standard wooden or plastic holder of standardized size, with the aid of which several packages are made of a handling unit for the entire storage and transport process with a maximum weight of 1000 kg.

B. A wood or other material of a standardized size, by means of which several parcels are assembled, a handling unit for the entire storage and transport process with a maximum weight of 1000 kg, used for the transport of goods packaged in parallelepiped packages, which have sufficient stability.

C. A support of wood or other material of standardized size, by means of which several packages are formed, a handling unit for the entire storage and transport process.

Answer ?

6) The advantage of the container for transporting food to the package made on a pallet is:

A. Preserving the quality and integrity of goods, even with the removal of individual packaging and repeated handling.

B. They are made of stainless steel and are heat-resistant.

C. They are made of corrugated cardboard and are cheaper.

Answer A.

7) Ecodesign of logistics packages involves:

A. Making an optimized packaging solution by optimizing the choice of materials, packaging types (conditioning or transport), packaging processes, palletizing, truck loading. Finally, an eco-design report is delivered with all technical documents (packaging drawings, packaging, palletizing).

B. Making an optimized solution for the packaging system by optimizing the choice of materials, packaging types (conditioning or transport).

C. Making an optimized solution of the packaging system by optimizing the choice of materials, packaging types (conditioning or transport), packaging processes, palletizing, truck loading.

Answer A.

## Assignment

1. Analyze how logistic functions are accomplished by packaging made of corrugated cardboard boxes mounted on pallets and tightened with stretch film.

