

Teagasc Packaging Seminar– 29th November 2012

Prevent & Save

Packaging Sustainability & Related Issues

Teagasc Packaging Seminar 2012


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29th November 2012



www.preventandsave.ie

Presentation

- Functions of Packaging
- General Packaging Legislation
- Repak
- Packaging Logos & Symbols



Functions of Packaging

- Containment
- Protection (& Preservation)
- Handling (Transport & Delivery)
- Providing Information
- Sales (& Marketing)




Packaging fit for purpose?



Section 1

Packaging Legislation

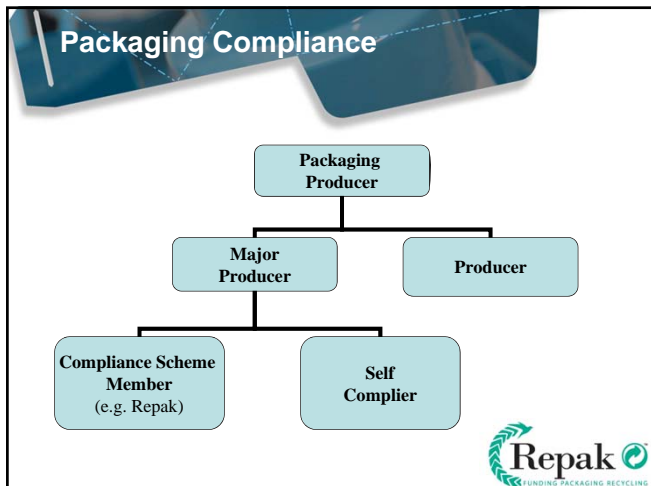


Packaging Compliance

- EU Directive 94/62/EC on Packaging and Packaging Waste (now 2004/12/EC)
- Ireland Waste Management (Packaging) Regulations 1997 (now 2007)
- Local Authority - Self Compliance
- Repak - Group Compliance Scheme



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Packaging Compliance

“Producer”
..... sells or otherwise supplies to other persons packaging material, packaging or packaged products.
SI 798/2007 4.(4)

“Major Producer”
.....sells or otherwise supplies to other persons packaging material, packaging or packaged products, where the aggregate weight of packaging material and packaging supplied by such major producer exceeds or may be expected to exceed **10 tonnes** in a calendar year,
and who has an annual turnover greater than **€1 million**.
SI 798/2007 4.(5) (a)

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Packaging Compliance

- Example:** A producer manufactures a 200g flow-wrapped product in a tray, 24 products in a cases, 50 cases on a pallet and sells 4 pallets of product a week in the Republic of Ireland. (200 cases p/w, 960kg p/w)
- The packaging around this product equates to:

4x	pallets	@25kg/pallet	= 100kg
4x50x	cases	@300g/case	= 60kg
4x50x24x	trays	@7.5g/tray	= 36kg
4x50x24x	wrappers	@0.85g/wrapper	= 4kg
<u>Total packaging weight</u>			= 200kg p/w
- This equates to **10.4 tonnes p/a** and thus obligates the producer if they place this packaging onto the Irish market and have a turnover of more than €1 million p/a.

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Essential Requirements

- SI 798 of 2007, Part VI – Essential Requirements of Packaging (Clause 28 (1))
- ...a producer shall not supply packaging or packaged products to other persons within the State unless the packaging concerned complies with the requirements of the Fourth Schedule.

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The Fourth Schedule

- Requirements specific to the manufacturing and composition of packaging.
- Requirements specific to the reusable nature of packaging
- Requirements specific to the recoverable nature of packaging
 - Packaging recoverable in the form of material recycling
 - Packaging recoverable in the form of energy recovery
 - Packaging recoverable in the form of composting
 - Biodegradable packaging

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Section 2


Repak

Repak
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1. Introduction to Repak

- Set-up in 1997.
- Collect fees from members who use packaging
- Use fees to have packaging recycled
- Manage the 'Green Dot' scheme in Ireland




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Over 2300 companies participate in the Repak scheme, paying packaging levies based on the packaging they supply their customers .

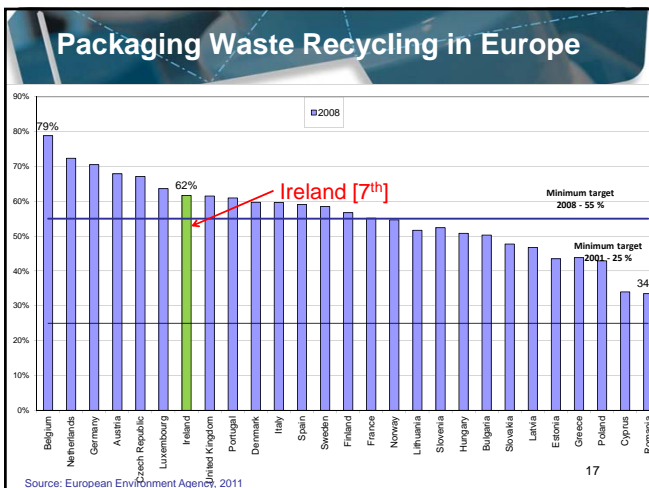
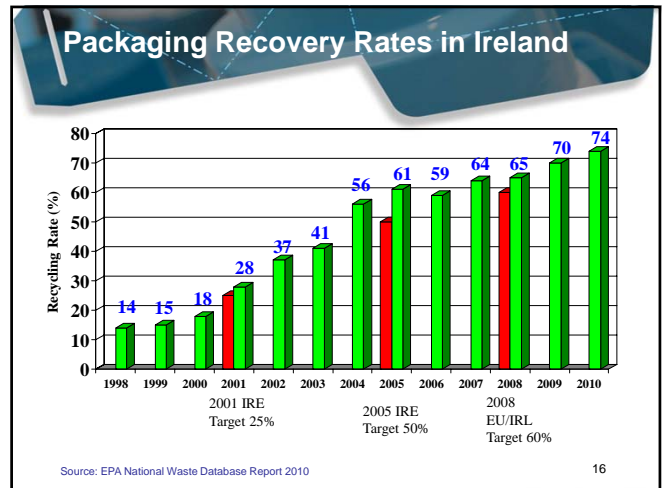


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Repak as a not for profit organisation then supports packaging recycling through the following with our members fees.



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For more information:




www.Repak.ie

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Section 3

Packaging Symbols



Packaging Symbols





The Green Dot™



This is a European trademark that producers and suppliers include on their packaging advising consumers that they have contributed financially to the recycling of the products packaging. Registered trademark

It does not mean that the packaging is recyclable.




Packaging Directive 94/62/EC








Article 8 – Marking and identification system


2. To facilitate collection, reuse and recovery including recycling, packaging shall indicate for the purposes of its identification and classification by the industry concerned the nature of the packaging material(s) used on the basis of **Commission Decision 97/129/EC**.

3. Packaging shall bear the appropriate marking either on the packaging itself or on the label. It shall be clearly visible and easily legible. The marking shall be appropriately durable and lasting, including when the packaging is opened.








Polymer Recycling Symbols

 PETE	 HDPE	 V	 LDPE
 PP	 PS	 OTHER	



Metal Recycling Symbols

	
 FE	 ALU



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Glass Recycling Symbols

70 Colourless glass
GL

71 Green glass
GL

72 Brown glass
GL

Paper & Board Recycling Symbols

20 PAP
Corrugated fibreboard

21 PAP
Non-Corrugated fibreboard

22 PAP
Paper

Mobius Loop

Packaging can be recycled (where local facilities exist)

Packaging contains x% of recycled material

Ref: ISO 7000 Standard (Symbol 1135)

Forest Stewardship Council

Products contain wood from well managed forests (certified by FSC)

Must sign up and agree to implement 10 principles
See www.irishforestcertification.com

Tidyman Symbol

Dispose of carefully
Do not litter

“Love where you Live” campaign
Keep Britain Tidy



Recyclenow Symbols

Based on assessment carried out in UK

See www.recyclenow.com

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Kenco coffee – 97% less packaging



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Recyclable Packaging



Recyclable Packaging



Resources

- EU Packaging Waste Directive 94/62/EC
- EU Commission Decision 97/129/EC (Material Identification Codes)
- Irish Packaging Regulations (SI 798 of 2007)
- “Green Claims – Practical Guidance” See DEFRA UK website
- www.recyclemore.ie/recycling_symbols



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Thank You

