



The recycling of ELV glass: nightmare or opportunity ?

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FERVER aisbl,

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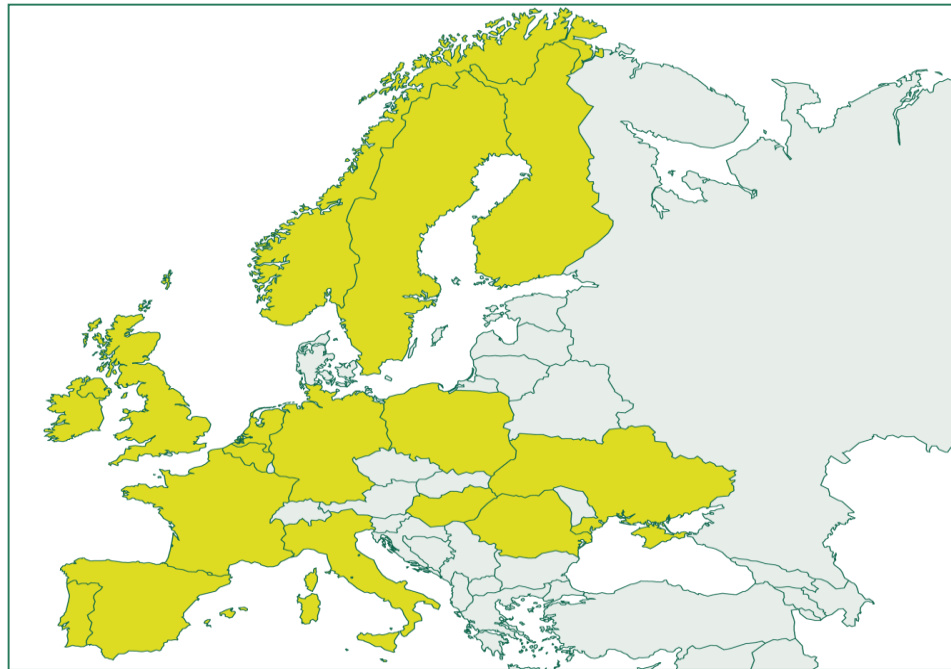


FERVER MEMBERS (2015)

34 Members – 57 Plants

16 European countries

1.500 Employees



Car glass: the European Reservoir:

250 000 tons/year



It represents +/- 10% of the European float glass or insulation production

Legal context / extended producer's responsibility

ELV Directive 2000/53

	Reuse & Recovery Rate	Reuse & Recycling Rate
As from the 1 st of January 2006	85%	80%
As from the 1 st of January 2015	95%	90%



Annex 1: **Minimum technical requirements for treatment**
Treatment operations in order to promote recycling:
Removal of glass

PPW Directive 94/162 – 2004/12

	Recovery Rate	Recycling Rate
As from the 1st of July 2001	50-65%	25-45%
As from the 1st of January 2009*	60- %	55-80%
Min. Specific Recycling rate	01.07.2001	01.01.2009*
Glass	15%	60%
Paper	15%	60%
Metal	15%	50%
Plastic	15%	22.5%
Wood	-	15%

*with some delay for several (new) EU Member States

A nightmare ?

- Time consuming
- Labour-intensive
- Staff Safety







A nightmare ?

- Re-designing of the installation
- Investments made in PST
- Competition with parallel circuits
- Incentive to develop the secondary market
- Economic (European) Recession
- Level playing field vs unclear legislation
- High stability of the PST glass



An opportunity

- Glass is 100% recyclable, for ever
- Glass recycling is energy & CO₂ Saving
- High capacity and knowledge of the glass recyclers
- Increasing demand of glass cullet by the glass industry





An opportunity

- First assembly industry recycles 100% of its glass
- Secondary assembly: Replacement market recycles 100% of glass via network repair and +/- 70% via dealers
- The more mechanical dismantling is performed, the lower the cost becomes

An opportunity

- New recycling/recovery targets ELV Directive as from 2015
- PVB recycling





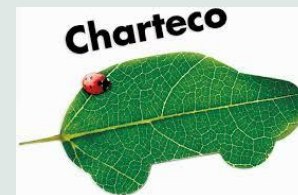


An improved future: better support from Europe and its Member States

- Improvement of the European legislation:
“a more ambitious Circular economy package”
 - SMART targets
 - Life cycle approach
 - Focus on long term environmental benefits
 - Respect of the waste hierarchy, no shame recovery
 - Enforcement is crucial
- Fine tuning of the terminology and approaches in similar EPR Directives
- Enforcement of the existing legislations
(reducing the parallel market)
- Legal and financial incentives for the recycled materials (taxes, social charges, VAT,...)

An improved future: market initiatives

- Ecodesign versus safety
(as well for use as for dismantling)
- Continuity between the re-use and the recycling market
- Set up of an efficient collection network
- Keep it to promote your green image:
no green washing, well facts & figures !



 TEEP ?

 Yes **you** can !





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Let's go for it !...

Thank you for your attention

Questions ?