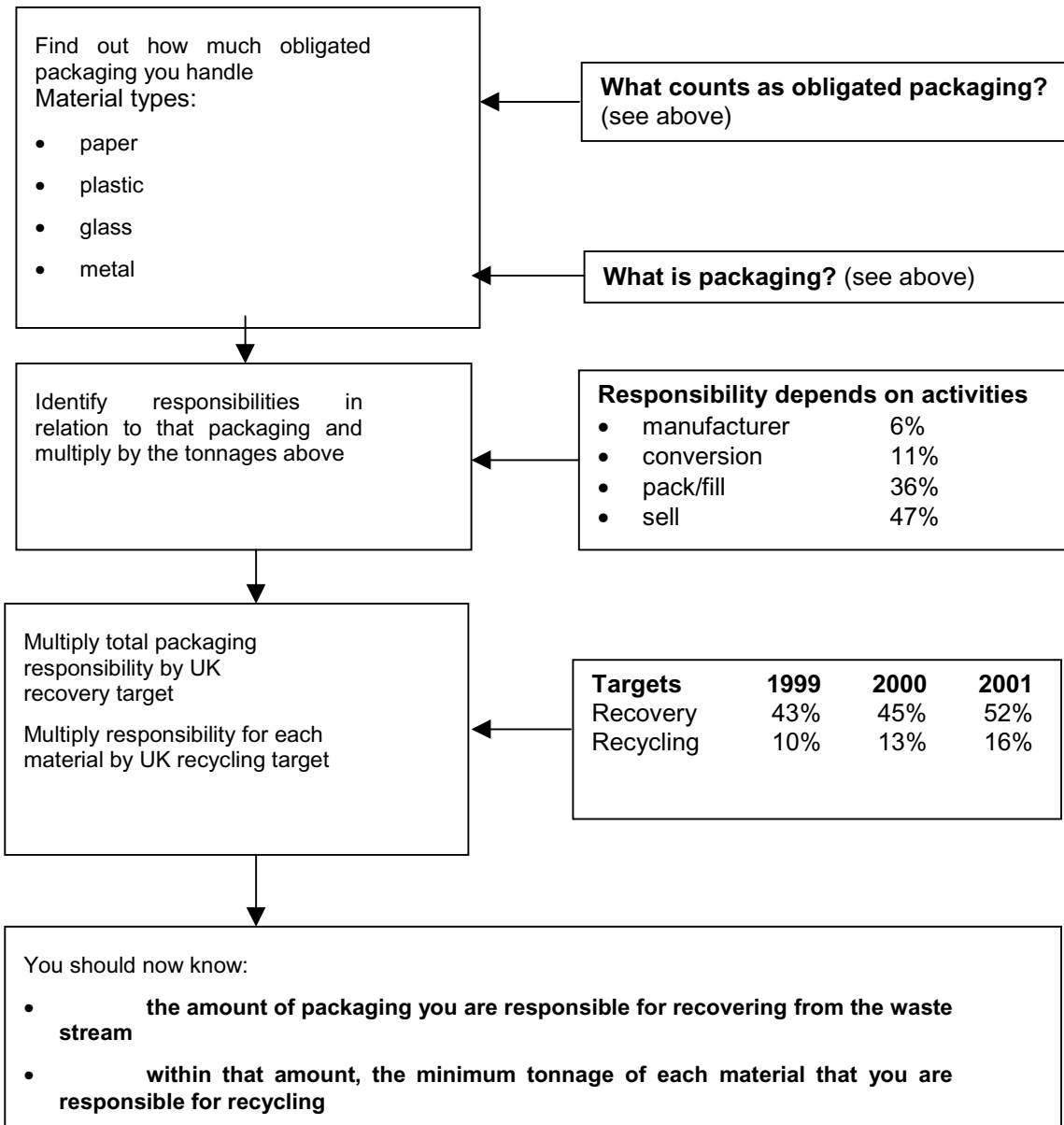


Method for calculating the amount of packaging material to be recovered/recycled



1. Calculate how much obligated packaging you handled in the previous calendar year (in metric tonnes), in total and by material type.
2. Identify your percentage activity obligation in relation to that packaging. This will depend on your position in the packaging chain.

Example

A company handles the following obligated packaging:
100t paper, 100t plastic

Activity	Activity obligation
Manufacture	6%
Conversion	11%
Pack/filing	36%
Selling	47%

The company is involved in converting (11%) and in packing/filing (36%) and so would have a total activity obligation of 47% (11%+36%)

If, as in this example, your total activity obligation is based on two stages in the packaging chain, then you must account for both activities. This is known as a rolled up obligation.

3. Calculate your responsibility by multiplying this activity obligation by the UK recovery target.

You are responsible for 47% of the recovery target (for 99 the target is 45%) on you obligated packaging

UK recovery target		
1999	2000	2001
43%	45%	52%

$$47\% \times 45\% \times 200t$$

Your recovery obligation is therefore 42.3t

Calculate your total recovery obligation by multiplying this figure by the amount of obligated packaging you handle.

Recovery is the collection of packaging waste for recycling, composting or incineration with energy recovery.

Within this you are responsible for 47% of the recycling target for each material (for 99 this target is 10%) on your obligated packaging

Plastic: $47\% \times 10\% \times 100t$ Your recycling obligation for plastic is 4.7t

4. Calculate your recycling obligations using the UK recycling targets. Recycling obligations are the minimum tonnage of each packaging material that you are responsible for recycling, and fall within your recovery obligation.

Paper: $47\% \times 10\% \times 100t$ Your recycling obligation for paper is 4.7t

UK recycling target

1999	2000	2001
10%	13%	16%

Recycling is the reprocessing of packaging waste into the original or new applications.

You can meet the remaining tonnage of your recover obligation using any material.