



Annex ReUse: Calculation rules for ReUse products

[CEN/TC 350/WG 1]: „[re-use is the] operation by which products or components, having reached their end of life stage, are used again without reprocessing, but including preparation for further use.

Note 1 to entry: Preparation for re-use means, where required, checking, cleaning, removal of connections, trimming, stripping of coatings and/or other recovery operations or repair, by which products or components of products that reached their end of life are prepared so that they can be reused without any other reprocessing.“

System boundaries

ReUse products are considered waste according to article 3 point 1 of the Directive 2008/98/ec of the european parliament and of the council of 19 November 2008 on waste and repealing certain Directives (Waste Framework Directive, WFD) at the time of dismantling and reach the end-of-waste status according to article 6 point 1 WFD after the end of reprocessing.

[Article 3 point (1) WFD]:

„Definitions

For the purposes of this Directive, the following definitions shall apply:

1. ‘waste’ means any substance or object which the holder discards or intends or is required to discard;“

[Article 6 point (1) WFD]:

„End-of-waste status

1. Certain specified waste shall cease to be waste within the meaning of point (1) of Article 3 when it has undergone a recovery, including recycling, operation and complies with specific criteria to be developed in accordance with the following conditions:

- (a) the substance or object is commonly used for specific purposes;
- (b) a market or demand exists for such a substance or object;
- (c) the substance or object fulfils the technical requirements for the specific purposes and meets the existing legislation and standards applicable to products; and
- (d) the use of the substance or object will not lead to overall adverse environmental or human health impacts.

Thus, ReUse products enter the system free of burden and only the benefits and burdens from the new product system are included in the calculation.

A1-A3, A1-A3, Product stage, Information modules

ReUse products are subject to the same accounting rules as other building products or components with the addition for:

A1, raw material supply, corresponds to the additional work involved in the selective dismantling of products for a reuse. This corresponds to all work steps, benefits and burdens that arise specifically in the case of selective dismantling. For a standardized dismantling, no burdens are incurred in module A1.

A2, Transportation, corresponds to transportation to the processing plant

A3, Reprocessing, corresponds to all benefits and burdens that can be allocated to the reprocessing process.

All following modules are calculated as usual.

Figure

