

# **Developing a European methodology for the P&B packaging recycling rate.**

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## Definitions (*from JP 2001 report*)

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### 1. Recycling

”Recycling” shall mean the reprocessing in a production process of the waste materials for the original purpose or for other purposes including organic recycling but excluding energy recovery (Directive on packaging and packaging waste)

We interpret the recycling rate to be calculated as follows

- Recycling of waste derived from packaging/ Quantity of packaging placed on the market, where
  - recycling = material recycling + organic recycling + use for other purposes
  - material recycling includes net exports of packaging waste for recycling
  - the time span is one calendar year

# Definitions (*from JP 2001 report*)

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## 2. Waste recycled

Only waste originating from packaging placed on the market may be considered for the calculation of waste recycled, excluding any kind of production residues from the production of packaging or of packaging materials or from any other production process (Commission decision 97/138).

## 3. Packaging

The packaging categories assessed in this study are: Beverage cartons (excl. cupstock), Folding cartons, Corrugated boxes, Paper sacks and Flexible packaging

## 4. Western Europe? CEPI?

- CEPI? EU15 + Norway + Switzerland + Poland????

# Calculation steps (*Simplified from JP*)

## Variables needed:

### **A. Packaging placed on the market in Western Europe (= packaging waste arised)**

- Consumption of packaging materials (CEPI)
- Converting losses and addition of other materials (CITPA)
- Net trade of filled packaging (CEPI)

### **B. Material recycling**

- Collection of recovered paper packaging (utilisation + net exports) (CEPI)
- Process losses: arising and recycling/valorisation (CEPI)

### **C. Organic recycling and use in other purposes. (CEPI)**

**Recycling rates =  $(B+C)/A$**

# Calculation steps *(simplified from JP)*

