

COST E48
Modeling Paper and Board Fibre
Flows in Europe

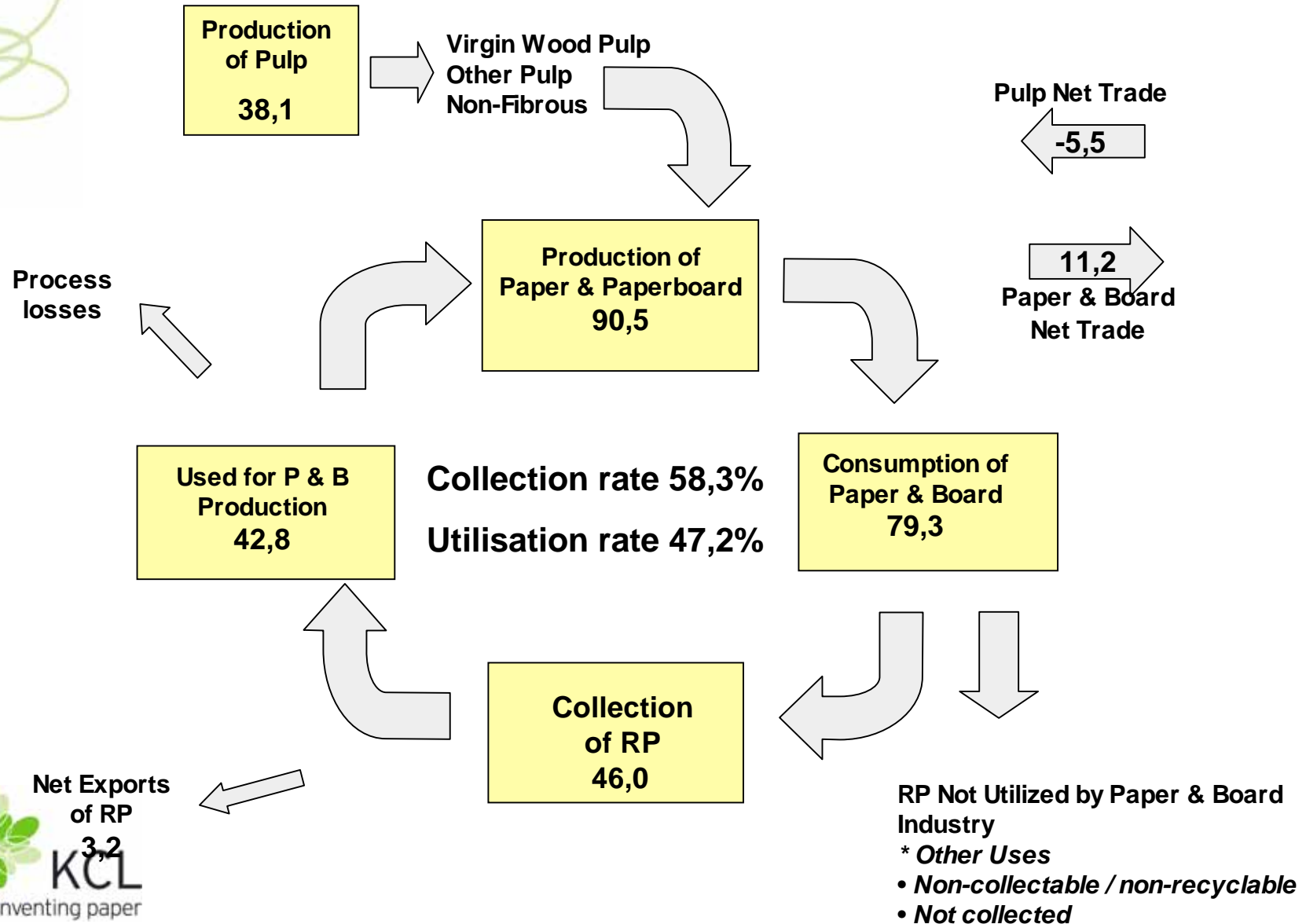
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Ilpo Ervasti, Jaakko Pöyry Consulting



Paper & Board Industry Fibre Flows

Case example: Western Europe 2003 (Million tons), Jaakko Pöyry Consulting



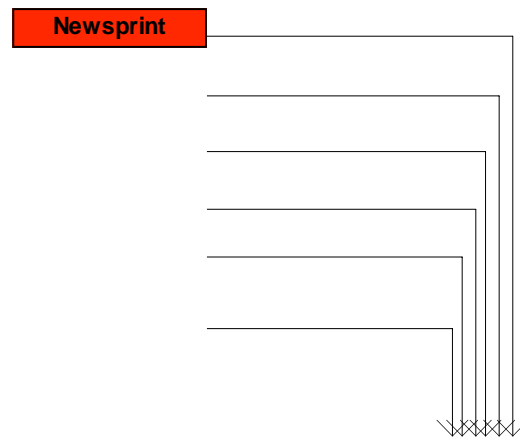


Production

Newsprint

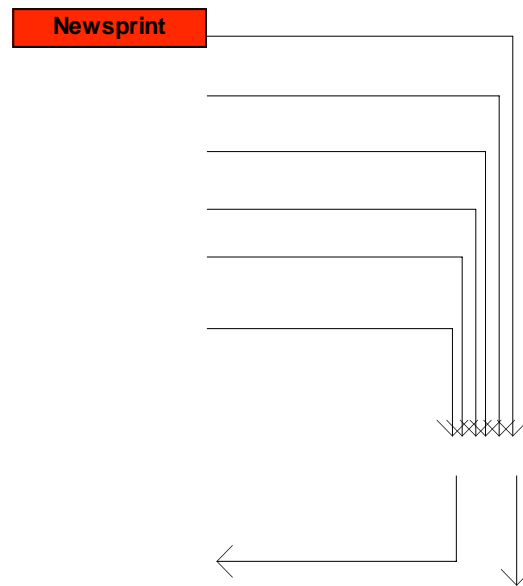


Consumption



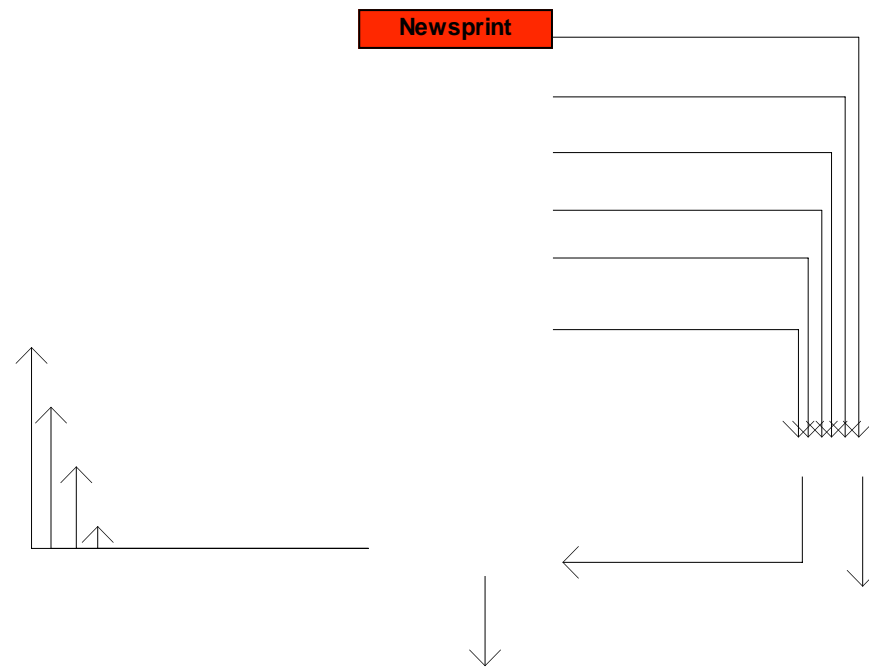


Collection



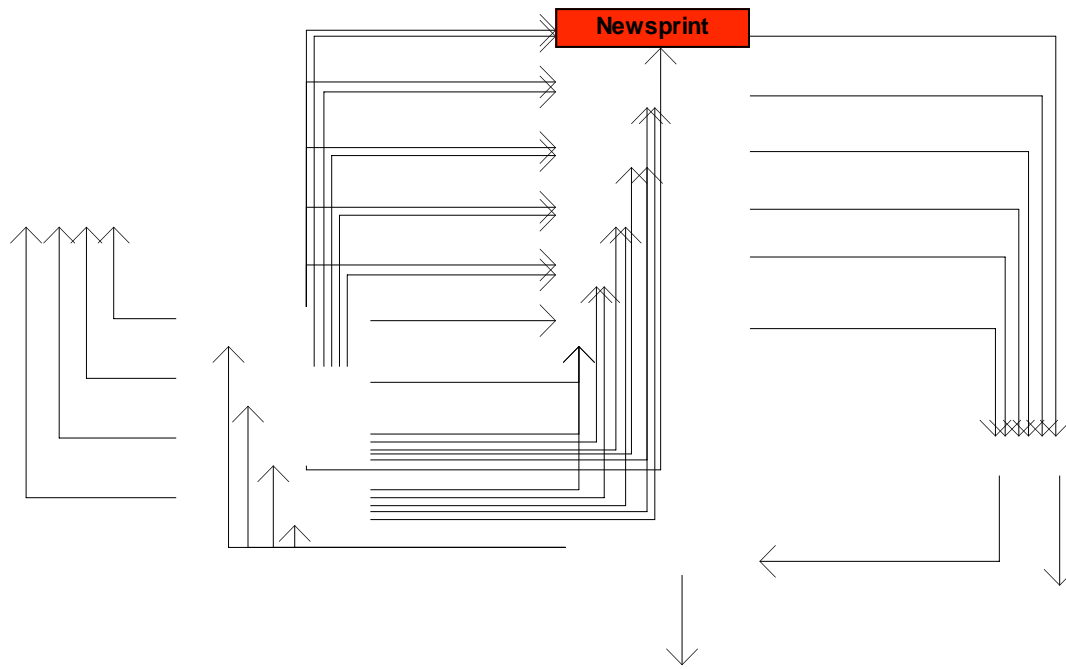


Sorting, de-inking



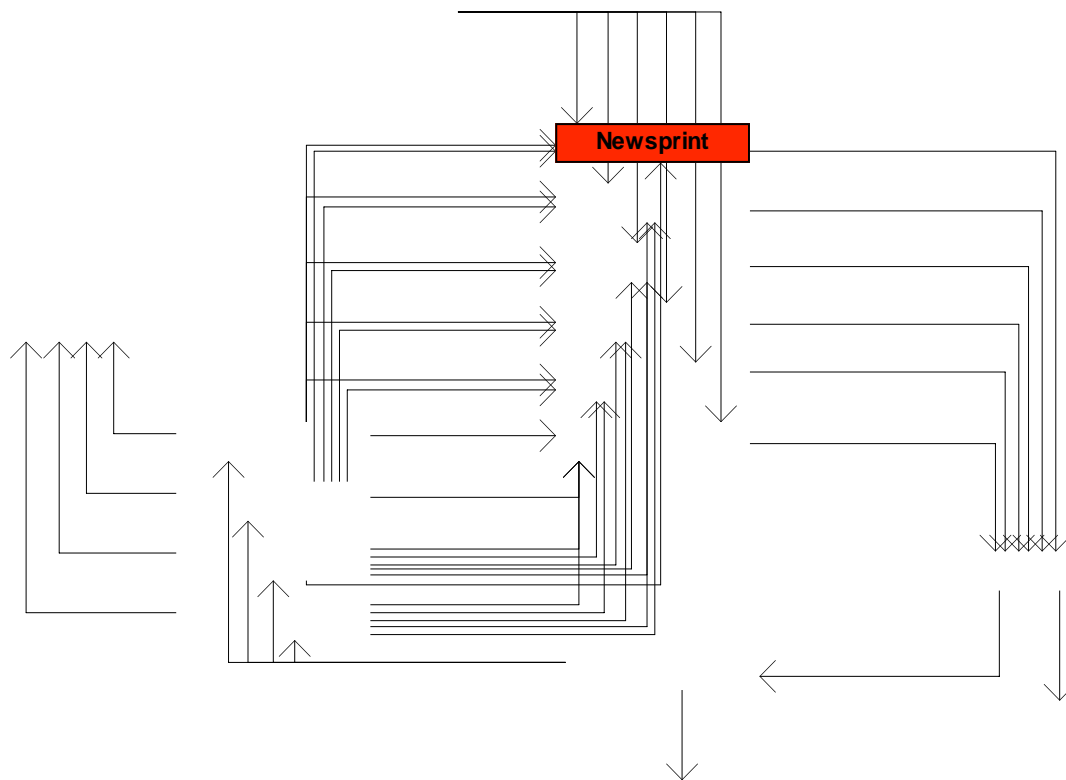


Utilization

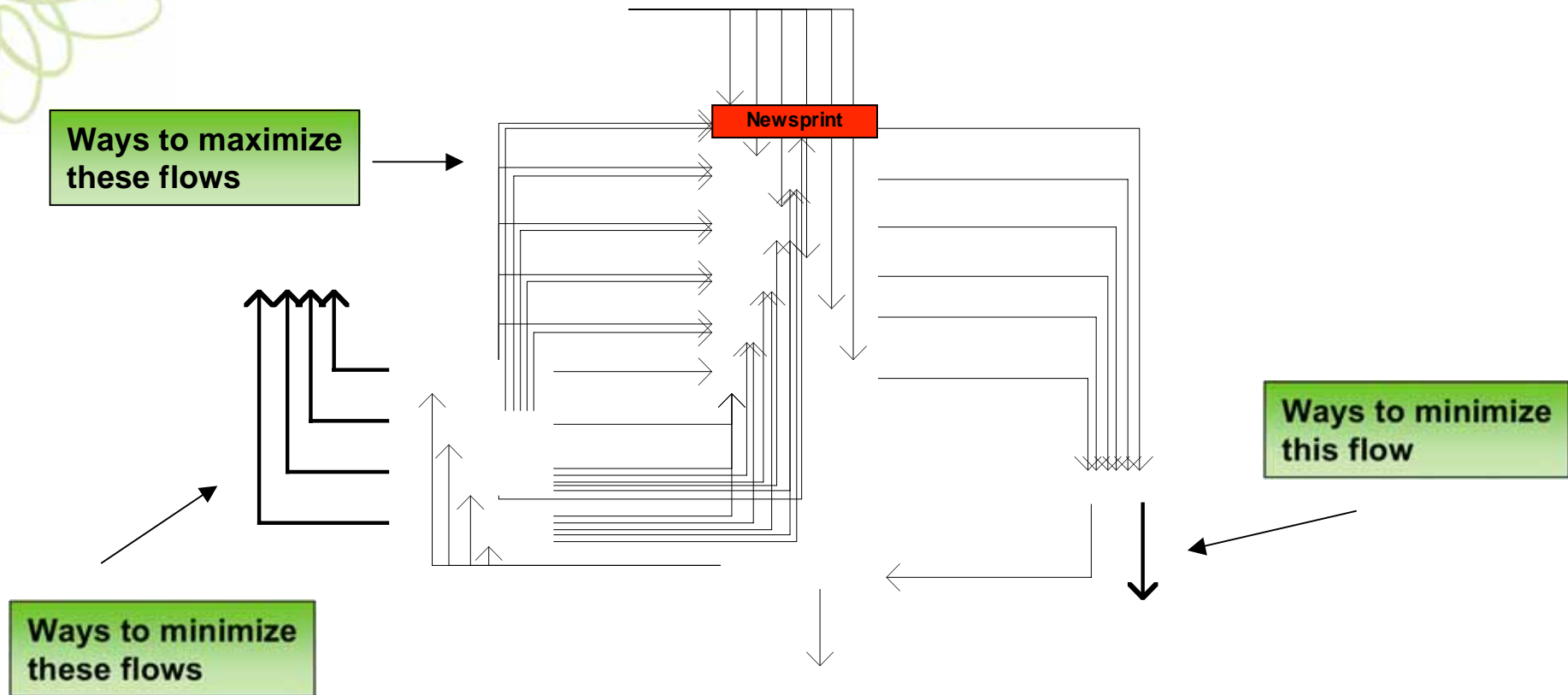




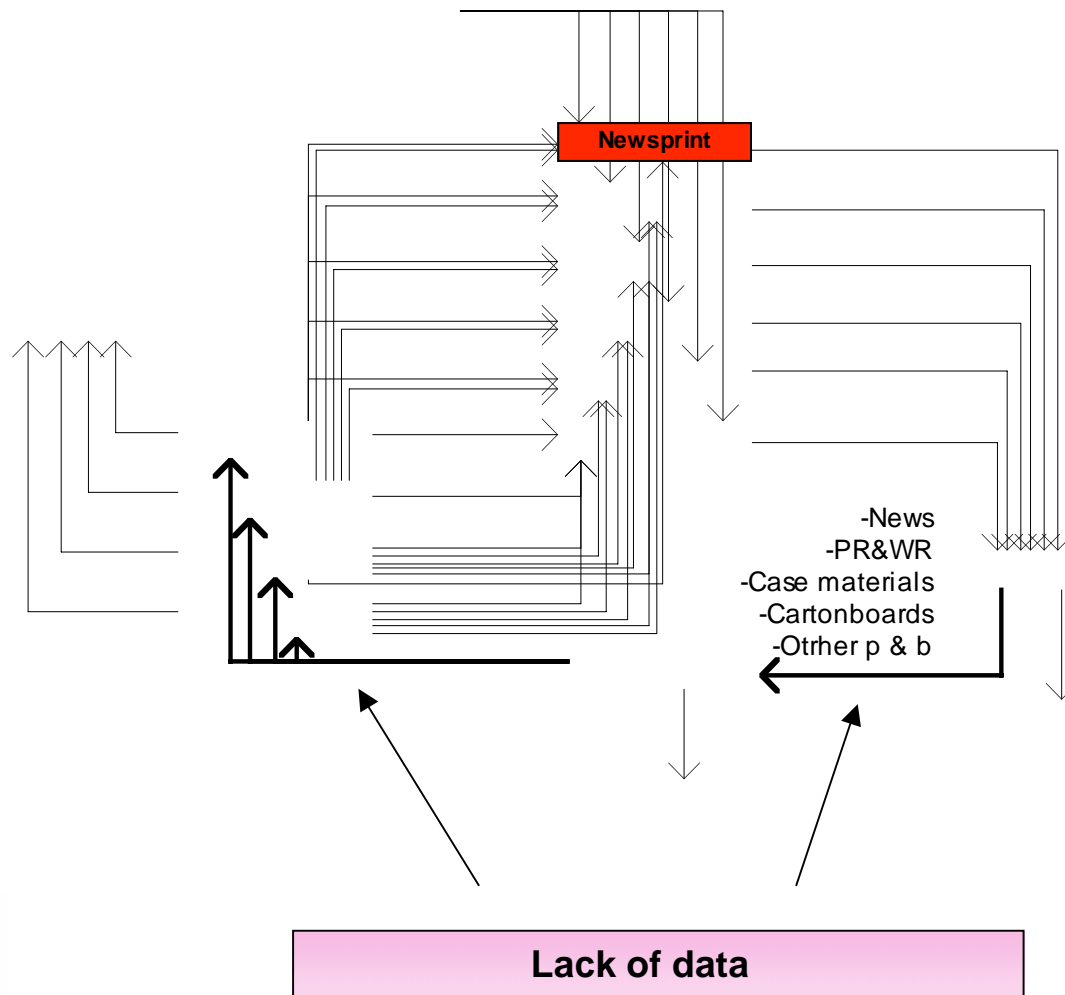
Complete fibre flow system



How to improve recycling



Missing data





Missing data

A. Collection rate by paper and board grades

- News
- Printing and writing papers
- Case materials: container board, liner and fluting
- Cartonboards (folding box board)
- Other paper and board

B. Final destination of the 5 collected paper grades

- Mixed
- Corrugated (OCC)
- Old News & Mags
- High grades

(E.g. 40% of printing and writing papers goes to "Old news & mags", 60% goes to "High grades".)