

Supplementary Material

Table S1 Virgin Material Values

Material	Value (EUR/kg)
Ferrous	1
Aluminium	1.9
ABS+PC+FR(P)	2.6
HIPS	1.1
HIPS+FR(P)	2
HIPS+PPO+FR(P)	2
ABS	2.5
ABS+FR(B)	2.5
ABS+PMMA	3.2
PC+GF10	2.8
PMMA	3
PET	3.9
Silver	450
Gold	33930
Palladium	19870
Copper	5.2
Indium	426
Glass	0.05

Table S2 Separation efficiency for pre-processing

Material	Recovery (%)
Ferrous	99.9
Aluminium	92
Housing Plastics	29
Internal Plastics	0.3
PWBs	31
Wires	87

Table S3 Separation efficiency for end-processing

Material	Recovery (%)
Ferrous	95
Aluminium	95
Housing Plastics	100
Internal Plastics	100
PWBs	97
Wires	95

Table S4 Calculated number of discarded LCD TVs in Belgium

Year	Units
2015	251655
2016	295177
2017	338299
2018	380237
2019	420317
2020	457981
2021	492807
2022	524501
2023	552899
2024	577951
2025	599712