

Material savings through segregation and reuse of cut scraps

Location: Agro Engineering Works, Nepal

Process: Fabrication

Before

- Off cuts and scrap were dumped in a heap without segregation according to their size and nature
- Usable scrap pieces were not utilised as they were inaccessible



After

- Now off-cut pieces and scrap are stored according to size and nature in racks
- With improved accessibility to scrap and off-cut parts, these are used instead of fresh raw material for fabricating small parts



Costs/benefits

Cost: NPR 200,000

Payback: 25 months

Annual savings: NPR 96,250

(1.75 t material saved per annum)

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