

Work package	3
Task	3.2 – Creation of a standard evaluation procedure for site operatives
Deadline	05.07
Status	Completed
Work package leader	Dr Alistair Bromhead
<b>Objectives</b>	
➤ Development of a standard procedure for the most efficient identification, removal and storage of end of life furniture	
<b>Method</b>	
Practical evaluation work was undertaken on-site with the Green-Works operatives and management	
<b>Executive summary</b>	
This work package has led to the development of a simple methodology for the evaluation of end of life furniture by site operatives with a view to optimising the yield of useful material with the minimum input of labour.	

## Task 3.2 Standard procedure development

### 1 Introduction

One of the major barriers to refurbishment and remanufacturing is the requirement for labour to upgrade items to make them suitable for resale. This work package aimed to develop a standard procedure which could be used by Green-Works and adapted by other organisations. It is envisaged that the procedure will provide a quick and easy to understand method for evaluating batches of furniture for their reuse, refurbishment, remanufacture and recycling potential.

The operatives using the methodology will typically not be too confident in their reading or English grammar capability. Therefore, it has been based around a simple flow diagram, with the use of illustrative photos where possible.

### 2 Standard procedure

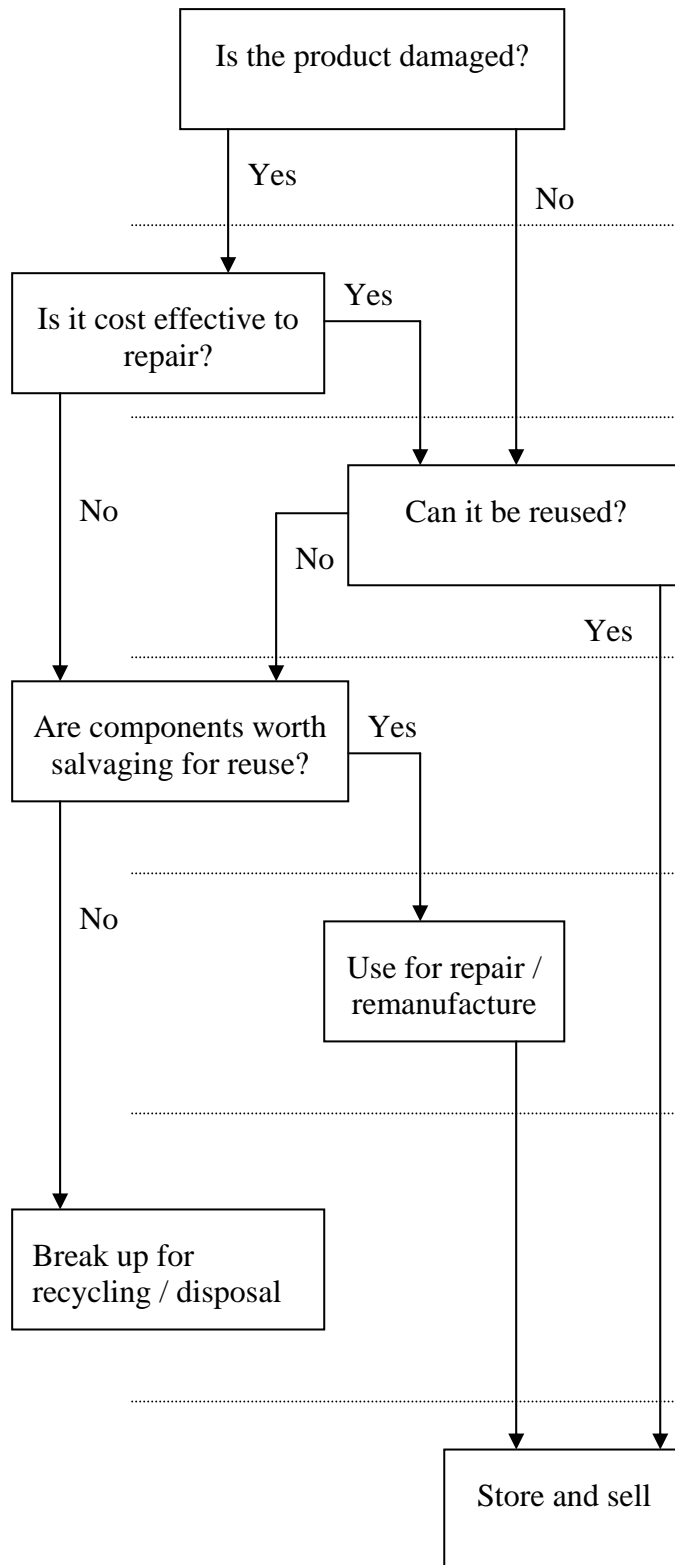
It is envisaged that this procedure will be printed on a single sheet of laminated A4. The front side consists of a flow diagram to guide the operator through the assessment process. Each section of the diagram is accompanied by a brief text description in the right hand column and this is further expanded by illustrative photos which are printed at a corresponding height on the page, on the reverse side of the paper.

It is envisaged that the procedure would be tailored to suit the needs of different remanufacturing units and even within a unit, refinement would probably be needed on an occasional basis to reflect:

- Market conditions – current levels of supply and demand
- Storage capacity
- Remanufacturing capacity

The reverse side of the sheet might be used for providing photos and text to provide detail on acceptable and unacceptable material. For example, at the corresponding height on the page to the “seats” section, there might be pictures of what would be deemed an unacceptable rip or level of dirt.

## Evaluation procedure for furniture



**Seats**

- Are seats ripped or very dirty?
- Are castors missing?

**Desks**

- Any damaged edges or surfaces?

- Can damage be repaired easily?
- Can components be swapped with good ones – e.g. hinges and pedestal locks

- Would someone buy it?
- Is there storage space?

**Can components:**

- Be sold?
- Be reused to repair damaged items?
- Be remanufactured?
- E.g. hinges / locks

- Can panels be cut up for use by wood mill?
- Can chair parts be used to build remanufactured product?

**Separate:**

- Board / wood
- Metal
- Plastic
- Glass
- Foam
- Cabling
- Other material

- Place in holding area for pricing and labelling