



## The Remanufacturing as Option in the Recovery of Products in the Post-Consumer: In the Vision on Brazilian Enterprises

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### Abstract

The concern with the increased generation of solid waste for the more frequently discard of the products has increased the interest of the international community to developed alternatives that help to diminish these wastes, especially in the phase of discard (post-consumer) where the major opportunities of recovery appears. However, one of the major difficulties is the lack of projection by the enterprises in the moment when developing their products, making complicated and unfeasible the recovery. Strategies for end of life are presented as an opportunity to recover these products. In this case, the remanufacturing is shown to be a strategy that has the greatest gains on the pillars of sustainability. In this sense, was realized an exploratory study in the literature about the remanufacturing to identify their main features, as well as two case studies with an original equipment manufacturing (OEM) and one independent manufacturer with the purpose to make a comparative analysis of the critical aspects identified in the two enterprises. The results demonstrate that the OEM companies have major advantages with regard to aspects relationship with suppliers of used product, reverse logistics operation for Remanufacturing and marketing of remanufactured product. However, we can mention the possibilities that may arise from possible partnerships between the two companies to achieve major gains in the recovery of these products.

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