



Matt UK Ltd

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A unique Operational Mattress recycling Process

Contact Details

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Overview

In 2009, Three business partners started *Matt UK Ltd* based in London United Kingdom. The company was established to create solutions for business/domestic/and commercial sectors looking to dispose of their unwanted mattresses

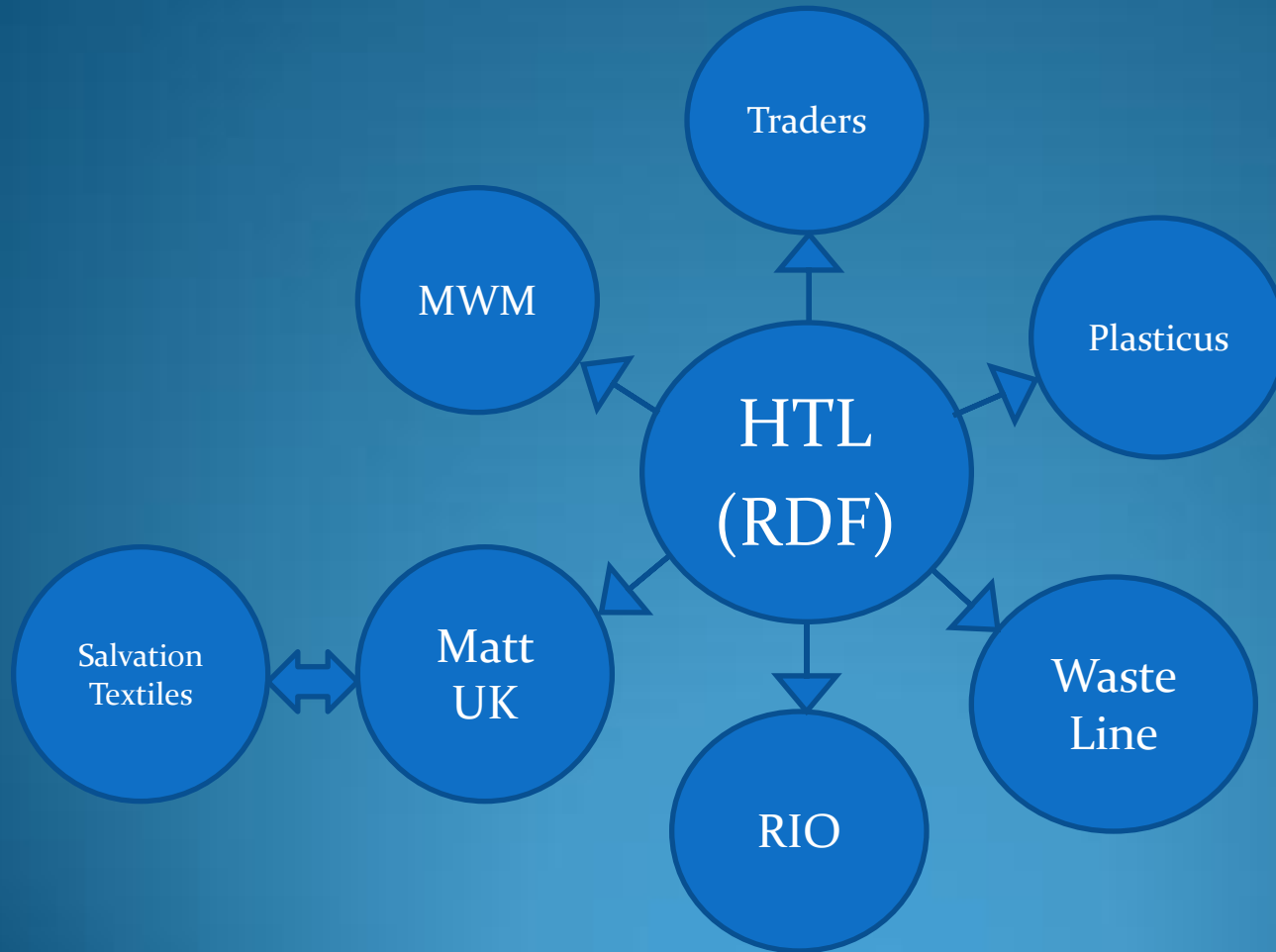
Matt UK Ltd is dedicated to reducing waste by keeping mattresses out of landfills and Incinerators. UK landfills are filling up fast and our environment is on everybody's mind these days. In keeping with UK Zero Waste Policies *Matt UK Ltd* , deals with your old mattresses in the following ways:



Overview

1. Donates only the best ones to people in need, working in partnership with LCRN/Spring forward
2. Dismantles all others and recycles over 97% of the materials.
3. Separate the componets and put them through certain treatments to get the high volumes for the materials
4. Putting people back into work and training

The community group



Process

- Matt UK Ltd , deconstruct the mattresses by hand and while this is laborious and can be time consuming task it produces higher rate of recyclable material compared to alternative of shredding a mattress mechanically.
- So far 17 different materials have been obtained from the recycling process ranging from the obvious steel and cotton, which have established recycling route, through to horse and coconut hair which have no current market but can be used as a biomass application. (which there are very few)



Matt UK Ltd Process





Mixed Cotton Fibre





Woven Pads





Baled Foams





Box Spring Mattress





Nylon - Outer skin



Resource Management

- **Italy** – Felt re- processed
- **Spain** – Outer Skins
- **UK** – Rag Market/Metal/Foam Scrap /Felt
- **UAE** – Foam Scrap/Plastics

