

# Collaborative Working: DGM DT – Austin Hayes Ltd (AHL) - Defence Munitions Packaging Led Initiative to Reduce Stock & Recycle Waste Streams



**AIM** – Reduce Packaging Stockpile, Reduce Landfill & Carbon Footprint and Increase Sustainability

## WHO?

**Team Lead:** Andy Brice - Defence General Munitions (DGM) Packaging Team

Working with industry partner AHL and supported by Defence Munitions (DM) Longtown Processing Team

## WHAT?

Initiative to recycle thousands of munition packaging items previously sent to landfill.

## HOW?

1. In partnership with AHL a range of innovative recycling initiatives were introduced that have drastically reduced the environmental footprint of this task.
2. Multiple processing efficiencies were identified to improve the throughput of munitions packaging through DM Longtown.

## RESULTS TO DATE

- 220 tonnes of wooden waste repurposed into MDF. This equates to saving 2200 trees being felled.
- 500 pallets of Polypropylene recycled for re-use as top performance shock and drainage pads for sports recreation .
- 450 cubic metre's of EPC recycled into plastic blast media.
- 300,000 containers disposed with gainshare returned to MOD.
- 700,000 pieces of plastic recycled into sports surface/ground support.

Initiative continues during 2019/2020.