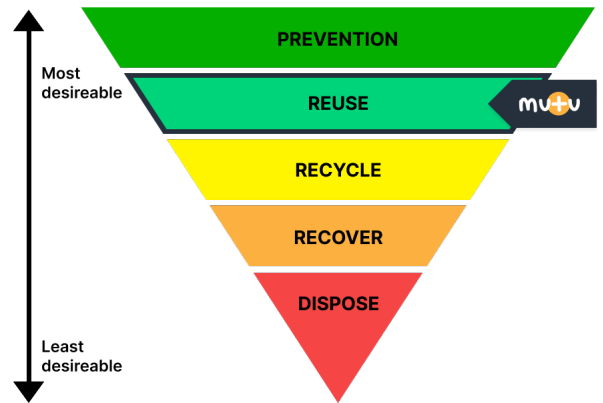


Site Waste Minimisation Plan: Material Reuse



Mutu is an app-based tool that allows users to list and identify reuse opportunities for surplus materials across their organisation. By making surplus materials easily visible and claimable by other sites, Mutu helps save on procurement costs and reduces the waste sent to landfill.

Mutu focuses on the **reuse** segment of the waste hierarchy pyramid making it one of the more desirable approaches to managing and reducing waste on site.

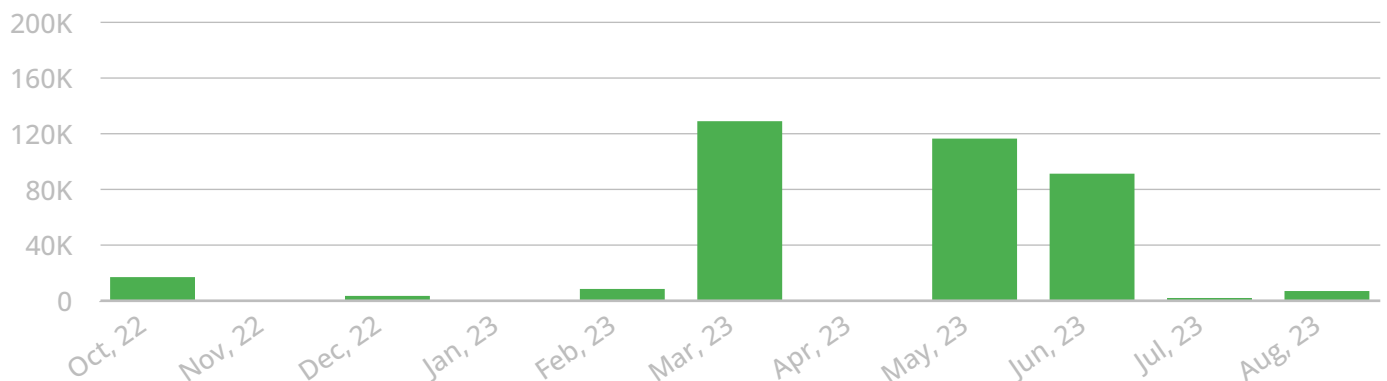


Sustainability impact

NZAS implemented Mutu on Oct 13, 2022. The results of the partnership are shown in the figures below and present the overall impact of Mutu since implementation.

Capital expenditure saved through reuse

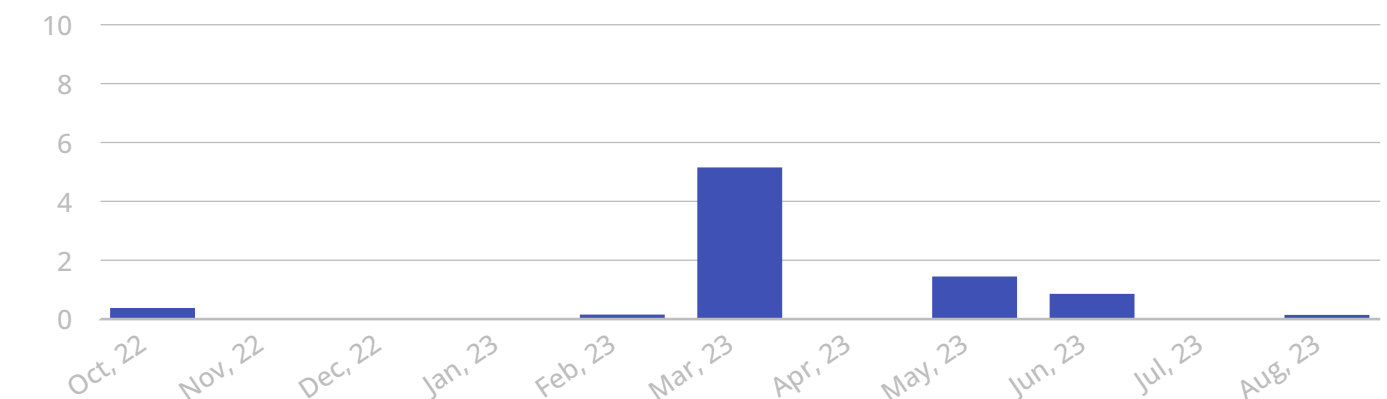
\$ 375K



Capital expenditure saved through reuse presents the total procurement costs NZAS has saved by reusing surplus materials through Mutu.

Total waste emissions redirected from landfill

8.15 tonnes CO2-e



Total waste emissions redirected from landfill presents the disposal emissions avoided in tonnes when materials have been reused between sites via Mutu. This figure is determined by multiplying the weight of the materials by a GHG conversion factor ([Ministry for the Environment: Table 82 - Construction & Demolition waste = 0.140 kg CO2-e/unit](#))