



**Client**  
Internal

**Team**  
Plant and Logistics

**Sector**  
Group

**Project start**  
05/18

**Project end**  
07/18

**Value**  
£2,000

**Date**  
02/07/18

**Author**  
Jack Selman

**Innovation Reference**  
ID-00071

## PROJECT OUTLINE

Click Shift is an internal listings page for surplus materials on all sites across the business. The page is used to facilitate point-to-point materials trades between projects, avoiding unnecessary waste and additional cost.

## TESTIMONY

“Click Shift is a fantastic idea which will help support our Ten Year Plan. It’s also extremely important for us to eliminate items going to landfill or waste so it’s a great idea the business should be very pleased to welcome on board”

**- Ian Holcroft,  
Director of Procurement**

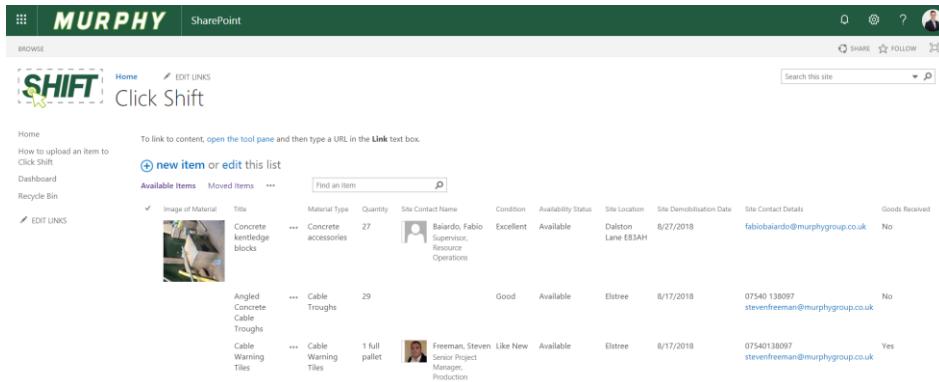
## KEY CHALLENGES



Through delivering high value works that lie on the critical path of any given project, a small amount of redundant material is often generated. In order to protect the higher risk parts of a task or project, such spare materials are ordered to mitigate such critical and severe risks (to either cost, programme, or safety). This can also happen when orders are made to account for breakage yet the company is bound by the large minimum order quantities from suppliers to cover what is often a minimal shortfall

These leftovers are either returned to the supplier at a reduced rate, sent to landfill (at a cost to the business for both transport and disposal) or given away via exemption notice to 3<sup>rd</sup> parties. Another alternative is that materials are transported back to regional site yards and left to degrade, often forgotten about and taking up valuable space.

No proper system existed to facilitate site-based reuse of materials; leaving vast room for improvement.

## Click Shift



Title	Concrete kentledge blocks
Material Type	Concrete accessories
Quantity	27
Condition	Excellent
Availability Status	Available
Site Location	Dalston Lane E83AH
Site Demobilisation Date	8/27/2018
Site Contact Name	 Baiardo, Fabio Supervisor, Resource Oper...
Site Contact Details	fabio baiardo@murphygroup.co.uk
Value	£2,700.00
Goods Received	No
Transportation Cost	To be covered by the contract collecting.
Image of Material	
Milage	5 Miles

Author	Condition	Availability
True, Mark	Like New	Moved
Baiardo, F...	Excellent	Available
Freeman, ...	Good	Available
Freeman, ...	Like New	Available
Martin, Dan	Excellent	Moved
Shoer, Conor	Like New	Moved
Shoer, Conor	Like New	Moved
Shoer, Conor	Like New	Moved
Shoer, Conor	Like New	Moved
Shoer, Conor	Like New	Moved

Click Shift

## SOLUTION / INNOVATION

An internal listings page for spare materials on all sites across the business. The page is used to facilitate point-to-point materials trades between projects, however it will not facilitate online transactions and will list the items only. The page details:

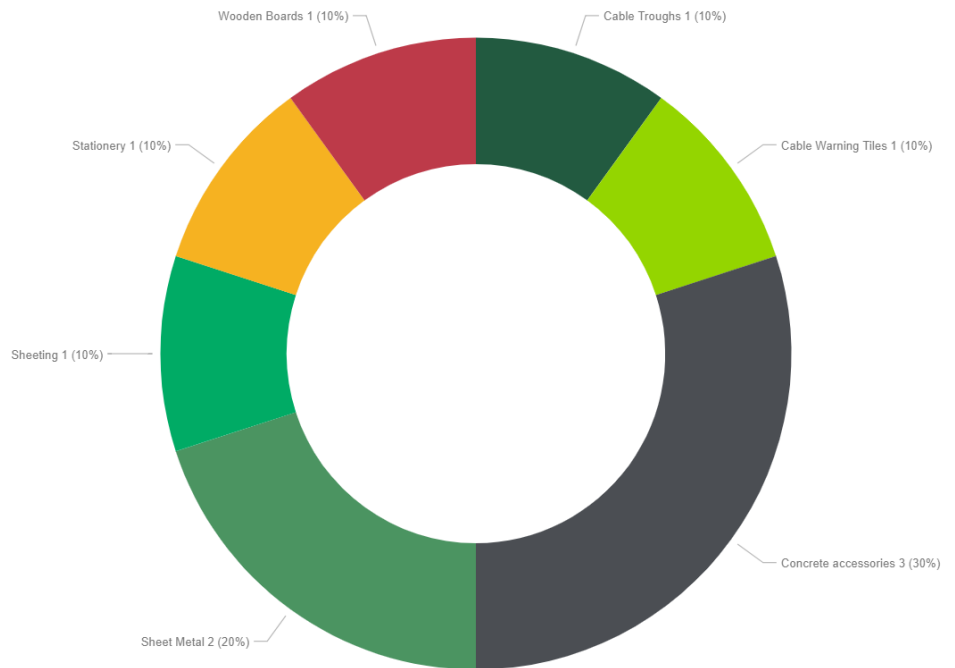
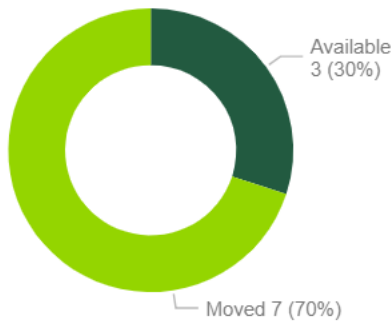
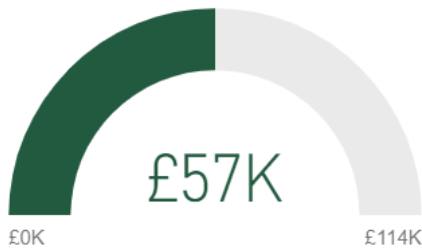
- Material type, quantity, condition, value and status
- Site location
- Site demobilisation date
- Images of material
- Site contact name
- Site contact details
- Receipt information
- Attachments

## KEY BENEFITS

- Avoid large amounts of cost through reuse and elimination of waste
- Improve the condition, tidiness and thus safety of sites, regional yards and stores that were previously holding large amounts of materials.
- Reduce the amount of embedded carbon in projects through the reuse of materials.
- Through improving communication across the business, ensure that sites are more aware of ways to reduce waste, reuse materials, and also circulate examples of good products throughout the business the ensure our drive for continuous improvement is saturated across all levels and sectors.

## COSTS / SAVINGS / ROI

Click Shift has currently saved over £60,000 in cost avoidance and efficient purchasing. It has allowed sites to collaborate on materials orders therefore leftover materials are no longer being put to waste.



[Click Shift dashboard](#)

## IDEA ORIGINATOR

Carla James, Logistics and Plant, submitted the idea into the portal. “

There is a growing pressure across major projects to show that we are taking sustainability seriously and finding ways to reduce the impact on the local and global environments.

“It’s really exciting we will be one of the first projects to be taken forward with the innovation portal, hopefully we can see a shift towards a recycling method which makes an impact in reducing not only waste from excess material but also from packaging from new materials being bought in.”

Dan Martin, Rail Supervisor, helped develop and build the idea once it was submitted, and presented the idea to the Engineering Tomorrow Forum.

## CHAMPIONS

Both Carla and Dan are exemplar Innovation Champions that were supportive throughout the entire project journey, from conception to delivery and implementation.

It was the combination of their practical site based knowledge and experience in the industry that brought this idea to life. Their familiarity with the construction process, and the waste that is prevalent in many jobs, gave them the insight necessary to work on a brilliant solution – simple, easy to use and effective. Both work in high pressure, time poor delivery environments where they know time is precious, and this was reinforced throughout the development of the project.

## INNOVATION JOURNEY



## FEEDBACK

Feedback from the tool so far has been overwhelmingly positive. The idea paid for itself in less than a week and provides a clear, simple way for the business to avoid unnecessary waste and cost.

## FUTURE OPPORTUNITY

Murphy's Innovation Team are working with IT teams across the business to see how this would work in large infrastructure programmes like joint ventures and alliances.

Additional functionality like 3<sup>rd</sup> party access could catalyse the value this solution brings, by not only providing a larger pool of resource to tap into, but creating a change for charities to get involved and streamline how they fulfil their needs.



**SHIFT**