

GREEN APPLE AWARDS FOR ENVIRONMENTAL BEST PRACTICE

SUBMISSION BY THE FLOORBRITE GROUP 2022

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Section 1

Project Title – Waste Management innovation & Increasing sustainability at John Hogg Mellor's Road Trafford Park Manchester M17 1PB

Submitted in the category for - Both

Section 2 – Sectors and Categories

Commerce and Industry Sector – Service Industries

Green Practices Sector – Wastes Management

Section 3

Has this project ever been nominated previously for a green apple award? Yes 2021

Section 4 - Project Aim

The Floorbrite Group have been providing total Facilities Management services at John Hogg since 2019. Our bespoke Waste & Environmental Management Service was introduced in June 2019. We were successfully chosen following a site audit and introduction in 2019 to offer a tailored alternative to several facilities services including waste management recycling and removal, cleaning, and washroom services.

John Hogg rose from humble beginnings as flax traders in Northern Ireland in 1890 to one of the world's leading manufacturers of dyes and markers for the petroleum industry – there journey. In 1890 John Hogg sets up business in Belfast, Northern Ireland to trade in flax. Today they are one of the biggest suppliers of Irish Linen. John Hogg sets up business in Belfast, Northern Ireland to trade in flax. Today, they are one of the biggest suppliers of Irish Linen. In 1896 the SUDAN brand was launched by BASF, going on to cement there place as one of the most recognisable dye brands in the world.

In early 2019 our Waste & Environmental Consultant, Trudie Williams, who is an ISO 14,001 Lead Auditor and WAMITAB accredited, met with the team at John Hogg to introduce recycling and waste solutions. Our ideas fitted perfectly with their company objectives of zero landfill and increase external recycling and the offer of office recycling options fitted in perfectly with their vision.

In becoming a responsible supplier and manufacturer by diverting a higher percentage of waste to recycling means, John Hogg's focus switched to the waste produced on site. Having achieved ISO 9001 in 1989 John Hogg's vision to improve the recycling across there office facility was paramount. Trudie was able to help the management team outline their aims to reduce John Hogg's carbon footprint helping them to achieve their sustainability goals, reduce costs, increase recycling, and divert waste from landfill.

Floorbrite' s aims were to reduce waste removal costs, encourage a higher percentage of recycling, achieve zero landfill, introduce full segregation of waste streams, recover energy from waste. Get buy in from management and staff to increase recycling, fully train staff, reduce overflowing containers and handle waste in the correct way. Finally, by working closely with the Purchasing Team on site we have created a powerful case study to target other businesses to reduce their waste and divert from landfill.

Section 5 - Project Achievement

Our achievements have certainly helped the environment by reducing Co2 and transport (road mileage) to and around John Hogg's Trafford Park site and neighbourhood in the form of waste vehicles. Movement of waste on site has reduced due to the reorganisation of waste disposal and by the creation of internal waste containers and clear signage, this has helped to increase recycling options and the reduction in the total amount of waste produced and at the same time decreasing the amount of vehicle movement around the site. We have introduced the separate removal of Mixed Recycling and separated Card for recycling and on the reduction of General Waste have then diverted the General Waste to waste to energy. With the introduction of Kitchen Caddies and external food containers, this has shown a high improvement of recycling and diversion from Landfill. Within the offices we have been able to increase the amount of recyclable and food waste removed for recycling, externally we have increased the segregation of all other

types of waste ensuring that each waste stream had a sustainable collection and disposal method.

By working closely with the management team and staff who have become passionate about recycling. There is a real "Feel good factor" proved by Trudie's and this has also inspired staff to take what they have learned home and become greener individuals. There is a definite change in staff culture with all looking at ways to make other waste reductions.

With Floorbrite's recommendations, John Hogg have invested more in their onsite segregation process and will soon be able to promote their achievements to their supply chain, inspiring their customers and suppliers to carry out more recycling.

By breaking down the waste into individual waste streams, Trudie's waste data and environmental reports for the last 24 months data provide a clearer picture of the waste data that is recorded. There is greater control over disposal costs and control of the waste on site.

John Hogg's staff should be very proud that with their co-operation of the whole of the John Hogg have achieved zero to landfill.

Section 6

What did the project involve doing?

Site Audit/several visits

Visit to site 2 x per week during implementation process

Implementation of Internal kitchen caddies

Placement of Skips

Purchase of suitable Bespoke Recycling Containers

Reorganisation of type of waste for disposal

Implementation of containers (External)

Agree and review collection frequencies

Provision of signage

Provision of internal recycling containers

Training and education

Negotiating new waste contractors and contracts

Arrange new delivery and collection process

Why did you do it

In becoming a responsible company by producing a bespoke service, John Hogg wanted to also focus on their own waste production at their site in Trafford Park Manchester.

What did it cost and where did the money come from?

The money for the project came from the annual Budget for waste management, with a consistent review process and looking at innovation within the waste disposal, regular meeting and discussions were carried out to keep the annual costs on track each year.

If quantifiable what did the project achieve in terms of sustainability, development, economy, environment, and equity.

All John Hogg staff, management and customers have shown interest about the benefits of recycling with a change in culture by seeing the achievements unfold. John Hogg purchasing team are enthusiastic about promoting their success and their green credentials with the ability to become attractive to PLC Companies and their own KPIs.

The local community have benefitted from a reduction in traffic by utilising local disposal stations. John Hogg will benefit from keeping costs to a minimum and will benefit from further investment and savings.

Floorbrite initial collaboration identified that over 30% of the initial waste produced, could be recycled, once the process was rolled out these percentages have achieved a far higher level and have continue to rise throughout 2019 - 2020 – 2021 and continued through the uncertain times of 2022.

In achieving zero to landfill, with the fantastic support and effort by all members of the team, since 2019 to the June 2022, John Hogg diverted 8.909 tonnes of waste from landfill, saved a total of 407 trees from destruction. With the total of 23,950 ton of waste recovered and recycled from the start of the project until June 2022.

Recycling achieved in part of 2019 - 58% - Waste to Energy diverted 42%
Recycling achieved in 2020 - 69% - Waste to Energy diverted 31%
Recycling achieved in 2021 - 77% - Waste to Energy diverted 23%
Recycling achieved early part of 2022 – 79% - Waste to Energy diverted 21%

Longer term benefits

As John Hogg are the leading edge in technical solutions. With their own waste management achievements, their credibility in this area will increase. As John Hogg own customers become more aware of the achievement and of their own responsibility to achieve sustainability goals, John Hogg trusted track record will be able to encourage and inspire customers to follow suit.

Was there anything innovative about the project?

Introduction of internal bespoke containers to reduce issues with cross contamination of recyclable material.
Introduction of correct size covered containers to reduce collections on site.
Introduction of kitchen caddies to increase food recycling options.
Clear identification and tracking of each waste stream to help increase recycling throughout the project.

Can other organisations benefit from implementing your methods?

Yes

Manufacturing companies could benefit from this method.
Manufacturing and Packaging companies could benefit
Companies that have multiple skips or bin collections weekly would benefit from the introduction of a bespoke containers on site, reducing rental costs on skips.

What did you learn from the project and are you planning any further development?

Further development for the reduction of general waste on site.
Further development for the segregation of recycling on site.
Reduction in single use plastics.
Carry out regular discussions with customer to help achieve consistent reduction on site.

Awards Gained

2015 Bronze Green Apple Award – for the built Environment for improving environmental awareness
2015 Silver Green Apple Award – Estate Management
2016 Gold Green Apple Award – Service Industries
2017 Silver Green Apple Award – Waste Management
2016 Green World Ambassador Award
2017 Green World Ambassador Award
2016 ROSPA Gold
2017 ROSPA Gold
2015 Golden Service Awards x 2 (manufacturing and Hospitality)
2018 Golden Service Award [Environmental Innovation]
2018 Green Apple Award – Waste Management
2019 Green Apple Award – Waste Management
2019 Environmental Awareness
2019 Best in Fields – Waste Management
2020 Environmental Awareness
2021 Environmental Awareness
2021 Green World Ambassador
2022 Green World Ambassador

Enforcement action

NO

Notes to enclose

Certificate of accomplishment
Environmental Report/as above