

ON TRACK TO CARBON NEUTRAL KARTING

Resource Consumption

Track Lighting

Low energy LED lights have been installed to reduce energy costs. These are set up in bands which are changed during seasons. Lights are only turned on when necessary and is avoided during the summer months as natural light is enough.

Toilet Lights

All toilet lights are motion-censored meaning when they are not in use, they will automatically switch off. This reduces electricity usage as lights are only on when required.

Water Consumption

We use water for washing hands and washing dishes occasionally when they cannot be put in the dishwasher. All toilet taps except the disabled toilet are set to timers. This means water is not being used when it is not necessary. The disabled toilet does not have this feature for capability reasons.



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Tree Planting

We Plant trees to counterbalance the amount of carbon being produced by Inverness Kart Raceway. This produces clean oxygen back into the environment. We are currently using Carbon Footprint Ltd as our tree planting service who plant trees to offset 40 metric tonnes on Co2. This business operates a buddy system where they pledge to protect one tree in the Amazon for every tree planted. These trees are all planted in Scottish schools with the intention to educate young children about the environment.

Air Emissions

Staff Vehicles

Employees are encouraged to either car share on their way to work or cycle. Many staff cycle into work and store their bikes safely on site. There are also plans to build a custom-built bike shed for staff and customers to use, further encouraging people to cycle here. This reduces carbon emissions from transportation.



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Air Emissions

Delivery Drivers

Stock and deliveries are only ordered when required. Staff are advised to order in bulk meaning less deliveries arrive, reducing emissions caused by recurring deliveries. The staff are also encouraged to shop local where possible, minimising emission levels.

CO Ventilation

Fans and louvers have been introduced to avoid build-up of CO. This means CO is not being trapped in the building. These fans are on timers and so are only in use when required, minimising electricity consumption.

Go Karts

All karts are turned off when not in use. This reduces carbon monoxide emissions which contribute to greenhouse gases. In only turning the karts on when necessary, emissions are kept to a minimum. All karts are fitted with catalytic converters to minimise CO2 emissions. Future plans include upcycling our current karts, converting them from IC engines to EV technology.



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Waste Management

Paper Printing

Paper is only printed out when necessary. We have developed an online app with our timing software which racers can download to see their lap times, making our karting experience paperless. Customers can also be emailed their receipt instead of taking a paper copy.

Paper Consumption

All paper used but not required anymore is stored in a scrap paper tray. All staff are encouraged to use this for their paper needs rather than using fresh paper.

Coffee waste

All waste coffee grounds are reused to create compost to help our flower patch grow. This reduces the amount of waste being sent to landfill as well as encouraging the growth of fresh plants on site.

Stock Requirements

Glass bottles are sold on site rather than using plastic. This reduces the amount of single use plastics being sent to landfill. All glass bottles are recycled properly and collected when bins are full to avoid repeat transport emissions. Stock is ordered once every two weeks in one bulk order. This reduces vehicle emissions from deliveries. All packaging from stock orders is recycled properly.



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Hot Drinks

Hot drinks are sold in reusable mugs. This results in no waste being sent to landfill. Mugs are washed in a dishwasher. The dishwasher is only turned on when full and is set to an eco-energy setting.

Staff Eating Utensils

Staff are provided with metal reusable cutlery in the staff room. This means staff do not use single use plastic cutlery.

Hand Soap

Soap dispensers are refilled using a large industrial soap bottle container. These are not purchased often as they take a long time to empty. This results in very little waste being binned rather than using small disposable bottles.

Hand Driers

Hand driers have been installed as a replacement for paper towels. This reduces waste levels drastically. Hand driers only use energy once in use and have a timer determining how long they are powered for.



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General waste

General waste is avoided where possible, but bins are provided on site. These are emptied at the same time as the recycling and bottle bin. This encourages only one trip to be made by the bin man and is only emptied once they are full.

Recycling Measures

Recycling bins are provided on site along with signage instructing what can and cannot be recycled in order to avoid contamination. These are emptied at the same time as the general waste and bottle bin. This encourages only one trip to be made by the bin man and is only emptied once they are full.

Bin Bags

Bins are only emptied when they are full. This results in less bin bags being wasted and less rubbish going to landfill. Signage is provided on all bins in order to avoid cross contamination of bin bags.

On Site Furniture

Furniture is kept clean and treated well. This means all furniture have a longer life and are not sent to landfill. If there is ever a breakage, staff are encouraged to preserve and fix the damage rather than throwing anything out.



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Waste Management

Race Suit cleaning

Suits are sent to a dry cleaner one a fortnight to be washed in batches. This results in less sporadic washes and suits only being washed when necessary. This reduces both electricity and water usage.

Go-Kart Old Tyres

Old, not in use kart tyres are donated to local primaries to use for arts and crafts. This means they are not thrown out and can be recycled, creating strong links with local schools.

Education and Training

Foundation Apprenticeship – Green initiative

We are currently teaching a foundation apprenticeship to 80 local school students in Automotive skills at work. As part of this course, all students will be taught about how to take personal ownership of their own carbon footprint both in work and at home. 17 of these students will also take part in a green initiative, converting a petrol kart to electric and exploring how Inverness Kart Raceway can take further actions to reduce emissions and become self-sustainable. This will educate all students on the importance of taking personal ownership in the hope to reduce carbon emissions in the future.

