

KAMSET

THE LARGE FORMAT GRAPHICS COMPANY

ENVIRONMENTAL POLICY

UPDATED 23 MAY 2024

OUR ENVIRONMENTAL POLICY STATEMENT

To continuously strive to source sustainable material in our production processes.
To discard chemicals used in our production processes with specialist chemical disposal companies
To recycle every bit of waste possible
Constantly striving to reduce energy usage of our general working environment.
To provide information, instruction and supervision for employees.
To ensure all employees are competent to understand waste disposal, and to provide adequate training.
Zero emissions to air or water.
To review and revise this policy as necessary at regular intervals.

EMPLOYEE OBLIGATION

Our employees are committed to continuously striving to reduce landfill waste and their own personal carbon footprint.

OUR GREATEST SUSTAINABLE ACCOMPLISHMENTS

October 2017 - 50kW Solar panel system fitted to 5,000 square foot of south facing - more info below.
September 2017 - Old leaking roof - replaced entirely with high specification energy-efficient insulated roof.
May 2024 - completed installation of an additional 110kW Rooftop solar array - more info below.

SUSTAINABLE ACCOMPLISHMENTS - DETAILED

June 2024 - using battery storage technology we will capturing excess solar energy generated during the day and at weekends to power Kamset during the night, completion due mid-June

May 2024 - we completed installation of an additional 110kW rooftop solar array a total of 160kW powering a significant percentage of our expanded operations here at Kamset.

April 2024 - owner of Kamset exchanged a 7 year old petrol company car for a fully 100% electric car with zero carbon emissions - powered by their home office rooftop solar panels.

April 2024 - owners of Kamset installed roof top solar panels to power home office plus their company electric car and hybrid car.

December 2023 - during 2023 one employee invested in purchasing a hybrid car, 4 employees cycled to work, 2 employees walk to work.

November 2023 - owner of Kamset exchanged a 10 year old second hand company vehicle for a Hybrid with carbon emissions 28g/km

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August 2023 - Installed intelligent Electric Van chargers that only charge when there is excess solar, ie no grid consumption.

August 2023 - Purchased our 4th Electric Van for deliveries and installation teams

June 2023 - Purchased ELECTRIC forklift for our new Storage facility.

January 2023 - we now use natural weather conditions to heat and cool internal areas, ie cold air from outside drawn in to cool our central communications room and the heat from this room is directed into the production area with the innovative use of ducting and fans, eliminating the need for airconditioning in the comms room and reducing the amount of heating and cooling required in the production room for much of the year.

January 2023 - purchased another ELECTRIC fork lift vehicle as backup to our existing ELECTRIC forklift

December 2022 - Updated IT Servers to energy-efficient servers - retiring old server technology.

July 2022 - Purchased our third ELECTRIC van - Long Wheelbase for larger deliveries - powered by our rooftop solar panels.

June 2022 - Purchased a larger Electric forklift to replace our old Electric forklift.

March 2022 - Purchased a high quality flat bed state of the art, leading-edge printer - lowest and most efficient energy useage of all the large-format 3.2m wide printers on the market today.

December 2021 - Purchased our second ELECTRIC van Citroen Despatch - powered by our rooftop solar panels.

August 2021 - Purchased our first ELECTRIC van - making daily deliveries and installations - powered by our rooftop solar panels.

March 2020 - we took the bold step as Covid-19 hit the United Kingdom a week before lock down to continue with our investment in leading edge printing technology continuing with LED cold curing of inks, but also running on half the wattage of our existing printers.

January 2020 - we partnered with Forest Carbon the UKs number 1 in capturing carbon emissions and creating new permanent woodlands. By mitigating the impact of our greenhouse gas emissions and investing in Forest Carbon's projects, we can restore the balance by making a contribution for the wider environment to benefit.

September 2019 - commenced supply to many of our clients a new media which has 2 recycled plastic bottles in each square metre, which is used for Tension Fabric frame graphics along with a PVC-free stitched on edging, to replace an existing material that was already sustainable, but this has an even greater sustainability story.

August 2019 - replaced huge old style single-glazing windows at the back of the building with high-spec energy-efficient double-glazed toughened glass windows - application for a further inspection to gain a yet higher level energy-efficiency rating as all windows in the building are now replaced.

March 2019 - replaced long run of old style single-glazing windows down right hand side of the building with high-spec energy-efficient double-glazed toughened glass windows

February 2019 - replaced buying detergent for washing machine for washing fitters towels and towels in toilets and kitchen towels, with eco-ball detergent free technology.

January 2019 - PHS pioneers removal and recycling into fuel content of our ladies toilet hygiene bins.

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December 2018 - removing all of one type of LED lighting with a brighter more efficient LED in the production areas lighting and putting the removed LED lighting in our storage unit replacing existing fluorescent lighting.

November 2018 - replaced long run of old style single-glazing windows down left hand side of the building including huge windows to toilet and kitchen area with high-spec energy-efficient double-glazed toughened glass windows

June 2018 - removing remaining standard lighting with LED lighting in factory

March 2018 - replaced huge high level pitched windows to front of the building with high-spec energy-efficient double-glazed toughened glass windows.

January 2018 - replaced long run of old style single-glazing windows lower front of the building with high-spec energy-efficient double-glazed toughened glass windows

November 2017 - As at this date all old air conditioning units have been replaced with A-rating energy efficiency units

October 2017 - 50kW Solar panel system fitted to 5,000 square foot of south facing - roof - during the summer months generating more than our total needs - excess energy whenever required from the grid especially in the winter months purchased from Opus Electricity 100% renewable source.

September 2017 - Old leaking roof - replaced entirely with high specification energy-efficient insulated roof.

June 2017 - Replaced most of the office and communal areas fluorescent tube lighting with new low-powered LED lighting - many with movement sensors to automatically switch off after 10 minutes.

August 2015 - Further old air conditioning units replaced to new units with A-rating energy efficiency.

August 2015 - Replaced another old air conditioning unit to new unit with A-rating energy efficiency.

June 2014 - Replaced inefficient blow heaters in toilets and communal area near kitchen with energy-efficient heaters.

December 2013 - Replaced second large format UV printer with new printer with leading-edge energy efficient LED cold-curing lamps - removing heat-curing mercury lamps entirely from our production process.

August 2013 - Installed LED lights in production dept ceiling, replacing old mercury lamps

August 2013 - Replaced fluorescent tube lighting under mezzanine floor and installed sensors for automatic turn off after 10 minutes.

June 2013 - Replaced our oldest UV machine with new leading-edge energy-efficient, cold-curing LED technology replacing hot mercury curing of UV.

January 2011 - Replaced heating in the kitchen with energy-efficient radiator.

December 2010 - Replaced buying plastic bottled water for all staff with a fridge dispensing water and ice as we needed a larger fridge for staff lunches.

September 2010 - Replaced heating in the production area with energy-efficient cooling and heating removing 2 super large old-fashioned gas heaters.

August 2010 - Council are recycling computers and hard-drives.

July 2010 - Replaced a further air conditioning unit for an A-rated energy-efficient in comms room

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July 2010 - New recycling procedure put in place. All waste recycled with exception of food waste.

June 2010 - Replaced a further air conditioning unit for an A-rated energy-efficient in reception area.

February 2010 - Replaced solvent ink printing machines with Latex printing machines to remove solvent printers from our workplace.

February 2010 - Ink cartridges for Mimaki returned to Ink Manufacturer for recycling.

January 2010 - Organised with Brother to take back all the used laser toner cartridges for recycling.

August 2009 - Replaced a further air conditioning unit for an A-rated energy-efficient in two offices.

August 2009 - Arranged with our clients to recycle all cardboard delivery tubes, periodically we collect all the packing tubes used to deliver regular jobs - bring back to Kamset de-label and re-use.

August 2009 - Recycling of kitchen waste - purchased a number of bins to separate and recycle, from the kitchen, paper, card, plastic, tin cans, glass bottles. Labelled clearly with what should go in each

August 2009 - Purchased a compactor to compact waste.

July 2008 - In the Ladies / Gents / Disabled toilets and Kitchen - converted the lights to sensor lighting to turn off automatically when the areas aren't in use.

Prior to July 2008 we always strived to improve our green footprint, but started recording as per above detail when we expanded into the new building.