



**SUPPORTING
A CIRCULAR ECONOMY**

sustainablebritishmanufacturing.info

Introduction

Sustainable British Manufacturing

A unique British manufacturer's initiative directly supporting environmental projects from the sale of factory waste materials, the reuse or recycling of key parts from our British made products and the promotion of changing to more sustainable natural materials. From explaining to you how your product choices can make a real difference, in 2022 we aim to plant over 20,000 trees and offset over 100 tonnes of carbon with your help.

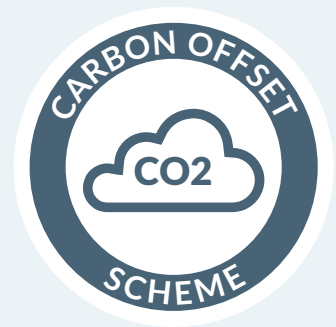
No loss in quality, no additional cost to you, no increased lead times, just environmental benefits from informed decision making.



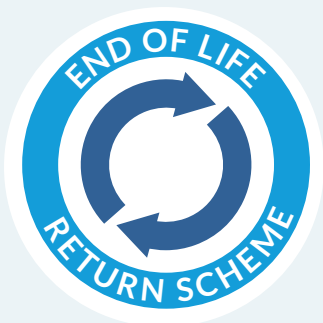
Our principles for a circular economy model of manufacturing
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See how for all orders of items made from natural materials we'll plant over 20,000 trees in 2022
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How your orders will help us offset over 100 tonnes of CO2 in 2022
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How returns mean we can reduce waste, reuse items, recycle more and do even more good
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EcoPack solutions, our unique plastic free packaging system
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Honest descriptions of our materials and their sustainability
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Principles of the 3Rs

Supporting A Circular Economy



Traditional manufacturing is described as linear, where natural resources are turned into products that ultimately become landfill – often summarised as take, make, waste. We believe however that we have a responsibility for the whole life cycle of our products, all the way from design to end of useful life and beyond – a circular manufacturing model. But we also go further than that as we are turning waste into thousands of trees and tonnes of carbon reduction. Our circular model looks at manufacturing in this different way, much of it based on the 3R's – REDUCE, REUSE and RECYCLE.



Reduce

Reduce waste at any stage by only developing new products from the most sustainable or natural materials and incentivising their use over traditional materials such as plastics. Provide honest detail and descriptions to help you make informed choices for your products considering their environmental impact. Where you choose the most sustainable natural materials, wood and bamboo, we'll plant trees in our forest to say thank you for making that planet positive choice.



Reuse

Reusing any items is the most sustainable choice of all. We will encourage people to return products to us for reuse. If you return items we've made to us we'll disassemble them, minimize what goes to landfill, reuse what we can and recycle as much as possible. The money earned and saved from the reuse and recycling of anything returned goes directly into carbon offsets and planting more trees. You'll be surprised at how much good we can do by reusing even simple items – eg we will plant 1 tree for every 2 name badge magnets returned.



Recycle

We will recycle everything we can, which often comes down to considered material choice in the first place. Recycling of metals has value and we will put every penny of what we earn from recycling factory waste and products returned to us into our Ecologi Sustainable British Manufacturer's forest, which you can see grow, or invest in their Gold Standard carbon offsets.

Tree Planting Scheme

Ecologi | Eden Reforestation Projects



Trees are important to us all and when we first started making wooden products our factory became corporate members of The Woodland Trust in the UK to help create, restore and protect the UK's woodlands as we felt that was the right thing to do for a company working with wood.

We want to do so much more though for parts of the world where deforestation has already lead to serious and life threatening problems from erosion and soil quality to air quality and the loss of wildlife corridors. It's not just the land that is affected though, the disappearance of coastal Mangroves has led to a huge reduction in nursery areas for fish which adversely affects our rivers and oceans and so much more – we simply need more trees everywhere and as quickly as possible.

So we have set target of planting **20,000 trees in 2022** and with your help this is how we will do it:

For every award we make from natural materials, any wood type or bamboo, we will pay for 1 tree to be planted. Yes, that's right, 1 tree for each and every award made.

For every 50 items of merchandise we make from natural materials, again any wood type or bamboo, we will also plant 1 tree. Merchandise in natural materials includes any type of badge, coasters, keyrings, phone stands, medals, Christmas decorations and so much more, there really is a lot to choose from. If you need less than 50 items no problem, you're still contributing to the forest as all orders of any quantity are included.

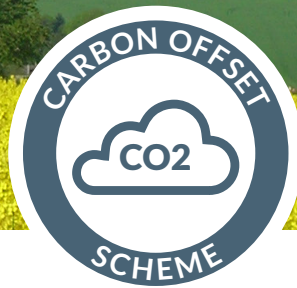
What we do is count the total quantities made at the end of each month and pay for the trees at the start of the following month. You can track these purchases on our Ecologi Forest website page* – just click on the trees to see how we funded each planting.

We do it this way rather than 1 tree per order as we want to encourage the use of these natural materials for all companies and we will simply be planting more much needed trees this way. We wouldn't want those who only need a few items to not be included and we want the larger users to see the big difference they can make with one order – a big 10,000 order of any item of merchandise plants 200 trees after all!

The way the increase in demand for natural materials has increased recently we know that we can not only reach 20,000 trees in 2022, we can smash right through it and do even more good with your help in making natural material choices.

*ecologi.com/sustainablebritishmanufacturing

Carbon Offset Scheme



As we all know, there's simply too much CO2 in the air causing global warming at life threatening levels now and something must be done about this – and fast.

Whilst our tree planting scheme is a longer term initiative, as it simply takes time for trees to grow and make a real difference, we also want to support projects that are happening right now to reduce carbon emissions – hence this carbon offset scheme as well as planting trees.

The good thing is that we can actually do that with no additional costs to our customers simply by offering better choices for the materials used in everyday items and then show how in making the switch to a more sustainable material they can have a high quality product that will also do some good. Those materials can then also be infinitely recycled if disposed of correctly, which we'll help with as well.

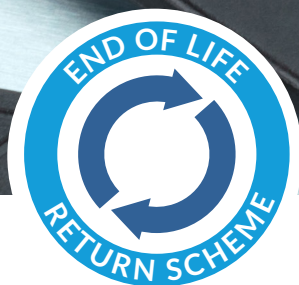
In 2022 our target is to offset 100 tonnes of carbon. Based on January 2022 scrap metal values, here's a few examples of what we will do to offset carbon and do some good from your choice to make a positive change.

From selling the production waste we will offset:	From making just this quantity:	Of our British made:	Based on this example size:	That are made using:
1kg of CO2	11	Name Badges	73 x 44mm	Aluminium
1kg of CO2	31	Clutch Pins	25mm	Aluminium
1kg of CO2	21	Coasters	89mm	Aluminium
1kg of CO2	131	Button Badges	25mm	All Steel Components
1kg of CO2	87	Button Badges	32mm	All Steel Components
1kg of CO2	93	Button Badges	38mm	All Steel Components
1kg of CO2	71	Button Badges	45mm	All Steel Components
1kg of CO2	48	Button Badges	55mm	All Steel Components

Those are just a few of the real world examples. We're a large scale manufacturer, we make millions of button badges every year and hundreds of thousands of aluminium items, so our 100 tonnes of carbon reduction simply from scrap sales on current volumes is easily achievable but we want to do so much more to offset CO2 with your help. Also, any items returned to us (you pay the postage we'll do the rest) will add to the amount we recycle, offsetting more and more carbon, never mind what we can reuse as well to do even more good.

In a nutshell - the more we make in sustainable materials like metals the more waste we create, the more of this valuable and recyclable waste we create the less plastic landfill someone else is making and the less CO2 is created from unnecessary airfreight. That waste is precious, we will sell that waste for tonnes of Gold Standard carbon offsets. Those products we make needn't end up in landfill either, they can be recycled and together we can complete the circle.

End of Life - Return Scheme



Our simple end of life pledge - if we've made it you can return it to us and we will minimise landfill in the reuse and recycling of everything we can. From that we will also plough back any savings made from reusing items and all money earned from recycling metals into planting even more trees and purchasing carbon offsets. We will provide the labour and equipment to do all of this safely here so you don't need to worry about how to take things apart for recycling where mixed materials are in any product. You simply pay the postage and we'll cover everything from there.

Some examples of the valuable items we can reuse to plant lots more trees are:

Neodymium Magnets



We need to make a special mention of name badge magnets which contain neodymium, a rare earth element. These magnets are the strongest permanent magnets commercially available, and this type are always used around the world for badge magnet fittings.

The fact is that it is essential we reuse and recycle as much neodymium as possible as neodymium magnets find many applications in modern energy technologies which are becoming increasingly important if we are to get to net zero carbon emissions. They are at the heart of many offshore wind turbine generator designs and are key to some types of electric vehicle motor and other high

efficiency motors, such as in pumps and drives. A clean economy will be dependent on the availability of rare earth elements such as this. Currently there are trials in the UK for recycling neodymium but we're not there yet on a commercial scale.

To preserve and protect this resource as much as possible we will take back any of our name badge magnets as follows:

- You pay the postage to return them to us, they can be attached to badges or not and we will sort and sanitise them.
- Any magnets not perfect for reuse we will store until recycling is available, however long it takes
- For every 2 magnets we can reuse we will plant 1 tree – yes, 1 tree for every 2 magnets

Reusing and recycling neodymium magnets is important – please help us to reduce mining, sea shipping, landfill (recyclers do not want them yet) and at the same time do something positive for the planet.

Metal Pillars, Spacers + Caps



Whilst people are unlikely to discard awards, our combination plaques and some award types are often used for display purposes for a relatively short period and we can do good things by reusing the metal elements. Often forming a reasonable part of the overall cost, they are unlikely to get damaged and so could be dismantled for reuse – and we can then also recycle any acrylic or aluminium printed parts as well. For every penny we save in reusing these items we will simply plant trees matching that saving on every item returned.

Plastic Button Badge Parts



Whilst our British made metal backed button badges are the most eco choice in the UK, sometimes a moulded component is necessary and that applies to our child safe clip back button badges and our largest pin back model. What's unique about us though is we want them back when you're finished with them. By separating the front and back components we can ensure the metal cap goes for recycling and all backs in prime condition can actually be reused or if not then recycled.

Plastics Free Packaging



The Problem

Using millions of poly bags and vast amounts of plastic packaging every year in the badge industry simply to protect badges in transit then all ending up in landfill



The Challenge

To develop a bespoke packaging system using only materials that are plastic free and easily recyclable by anyone

The Solution

Our exclusive range of recycled card and paper based packaging. Plastic free badge carriers, plastic free packing materials, even plastic free tape



EcoPack Solutions

- Completely plastic free & sustainable packaging system
- Made from 100% recycled card (with FSC recycled certification) without using harmful whitening agents
- Printed with care & safety information for your badges
- Easily recyclable in any office
- Carefully designed to improve the presentation of the products
- Improvements for everyone at no additional cost

The Scale of the UK Plastic Packaging Problem

Millions of people in the UK receive name badges as part their job, at a conference, exhibition or at some point in their working year. Millions more receive or buy multiple club / society / company or other small label badges. Wherever these badges come from, traditionally they have all had one thing in common – the use of plastics in bagging and packaging for each one which is simply thrown away once the item is received.

Finding a More Sustainable Way

As a UK manufacturer, we decided to take a lead in designing and implementing a plastics free packaging system that we could expand to use for all our UK manufactured products, not only to do our bit but also hopefully to inspire other companies that there was a better way. Lots of research, trials, investments in materials and tooling and it was all worth it. This individual act reduced our own usage by an astounding 1.5 million grip seal poly bags a year and since launch in January 2019 we've given away the details of how to do it to other companies for free.

Sometimes a polybag is still the only way for crystal clear bags as biodegradable alternatives tend to be less clear and the shelf life may not suit the customer's long term storage needs, but that is changing and we look forward to their demise. In the meantime if you want something bagged and clarity doesn't matter, a good old fashioned paper bag, and they come in all different sizes, does a great job.

Sustainable Materials



Bamboo

This attractive material is our most eco friendly natural material. No fertilizer, pesticides, or herbicides are needed in growth of the plant. Bamboo absorbs carbon dioxide and releases 35% more oxygen into the atmosphere than an equivalent stand of hardwood trees. Bamboo grows in a variety of conditions and can grow in arid regions where droughts cause other crops to fail and since the roots are left in place after harvesting helps prevent soil erosion and preservation of vital moisture in the soil. When the right species of bamboo comes from well managed forests and is processed in a sustainable way, it is a wonderful natural material alternative.

We specifically use MOSO® bamboo as it combines all of the virtues of hardwoods with the immense growing capacity of the highly renewable giant Moso bamboo species and can therefore act as a green carbon negative alternative material. Moso bamboo is one of the quickest growing plants in the world and can grow up to 50cm a day before reaching a height of twenty metres. After maturing over four to five years it's cut down, but amazingly the act of cutting down mature cane stimulates the plant to grow more canes. The result is the plant itself never needs to be dug up and so retains any carbon captured.

- All our MOSO® material is made in production facilities that are ISO 9001 quality and ISO 14001 environmental third party certified and comply with the most stringent international standards.
- All adhesives used by MOSO® easily meet the very strict E1 class following the EN717 standard with respect to formaldehyde emissions and all MOSO®'s solid bamboo materials are proven and certified to be carbon neutral or better over their full life cycle.

Not all bamboo is the same though. Much has been said about people mixing plastics, MDF and all sorts of other things in with bamboo to effectively mould and form cheap products. In our opinion this rather defeats the idea of bamboo being a natural material with huge environmental benefits, so our products only use the sheet MOSO® bamboo so you can be certain those products contain no hidden ingredients and are sustainable. It's more expensive producing bamboo items that way but we think that's the right thing to do.

At the end of it's useful life the bamboo naturally biodegrades.

Buying our bamboo items is not only choosing the most sustainable material of all, it also gives back to the environment as well as everything we make from this natural resource contributes to our tree planting scheme ecologi.com/sustainablebritishmanufacturing.



Wood

We work with oak, cherry, maple and walnut woods - they provide a nice spectrum of natural wood tones to choose from, from the very light (maple) to the darker, more chocolate brown (walnut).

Each wood type may have small inconsistencies i.e. lighter spots (sapwood) and/or darker spots (burl or crotch) and also different grain structures, ranging from wider open grain (oak) to more closed, smoother grains (cherry, maple). These characteristics are part of the natural beauty of each piece of wood and add greatly to the individuality and uniqueness of the finished product

which is why our customers love it and will always choose it over more uniform man-made materials.

Each of the hardwood species we work with has the highest G5 SECURE conservation status (source NatureServe). Wood is inherently renewable and sustainable if properly managed and sourced and we only ever use wood from suppliers who are fully certified to stringent international standards for the sustainability of the hardwoods they sell to us.

Wood also has a lighter carbon footprint than almost all synthetic materials and, as a natural organic material, can be easily recycled or naturally decompose over time with no harm to ecosystems or the environment.

Factory wood waste can be sold for kindling or home heating and that money put into more tree planting, shavings from preparing the raw planks are given away locally for improved footing at stables, there are lots of practical uses for it.

As with bamboo, buying our real wood products is not only choosing a sustainable material, it also gives back to the environment as well as everything we make from this natural resource also contributes to our tree planting scheme ecologi.com/sustainablebritishmanufacturing.



Recycled Cast Acrylic

Designed to create a future circular economy for the prevention of acrylic plastic waste ending up in landfill, Greencast® acrylic is produced from 100% recycled acrylic and is 100% recyclable at the end of its useful life.

Unlike other techniques which depend upon melting the plastic down and then re-casting it into a new form (which degrades the quality of the material limiting the number of times this can be done) the production of Greencast® acrylic uses a proprietary process which allows for the recovery of the original solvent (PMMA). This solvent is a durable, noble plastic which is reused

to produce new acrylic sheets.

The benefit of this process is that recycled clear transparent acrylic has the same quality as new virgin acrylic, but more importantly it can be recycled, countless times, without ever losing its all important properties.

An additional positive is this process also reduces water consumption and carbon emissions at the point of manufacture while being VOC and HFC free.

All factory waste is recycled to make more recycled acrylic reducing the need for virgin material production and we could also recycle any cast acrylic over 3mm thick returned to our recycling base (sorry we can't recycle any other supplier's acrylic as we wouldn't know exactly what type it was). There's no money for planting trees in that and you need to pay the return postage, it's just the right thing to do for a circular economy.

Sustainable Materials



Aluminium

Aluminium is an amazing material as, unlike plastics, it is infinitely recyclable and can be reformed endlessly whilst retaining its material properties indefinitely. All of the aluminium we use in our products has a large recycled content, comes from mills in the USA and Europe, and it's one of the most sustainable materials on the market today. Recycling aluminium saves about 90% of the energy it takes to make new aluminium as well as helping to reduce the demand for mining the bauxite ore needed to produce new aluminium.

Our zero-waste manufacturing processes allow for the collection of all unused 'offcuts' of aluminium from our factory for recycling, the sale of which is all spent on purchasing Gold Standard carbon offsets. Our target for 2022 is to offset an amazing 100 tonnes of carbon simply by making our scrap work for the environment. At the end of their useful life aluminium products can be widely recycled in the UK at your normal council recycling centre and any aluminium product can easily be put into "mixed metal" recycling. If you're lucky enough to live in an area with small metal items kerbside recycling they can of course go in that too. If recycling aluminium in your areas is difficult then for ease you can also return any aluminium product to our recycling base – you pay the postage, we'll handle it from there and will do some good with those increased scrap sales. Our case studies for name badges, lapel pin badges and coasters give detail of how choosing aluminium over plastics is supporting tonnes of carbon reduction.



Steel

All our steel is part recycled material and the environmental benefits of steel include the fact that the material can be recycled with ease anywhere in the UK. Most button badge suppliers buy in their components, many from overseas, but we make all of ours at our factory from steel coils for the lowest possible carbon footprint. As with aluminium, our zero-waste button badge component manufacturing allows for the sale of all excess steel from our factory for recycling, the sale of which is all spent on purchasing Gold Standard carbon offsets.

At end of life our metal backed button badges (25mm, 32mm, 38mm, 45mm and 55mm pin backed) can simply be placed in with your normal home or office can recycling where magnets separate them from the aluminium cans.

The 75mm plastic backed pin badges and the plastic backed clip badges can be returned to our recycling base and we will separate the steel and plastic elements, recycling the steel and recycling or reusing the plastic components.

Scrap steel sales form a large part of our 100 tonnes of carbon reduction target for 2022. Simply by choosing our steel backed button badges you will be not only choosing an easily recycled item made from part recycled material but that purchase will be making a positive contribution to environmental projects. See the case study on p.15 for how our UK button badge manufacturing can do so much good.



Recycled Moulded Plastics

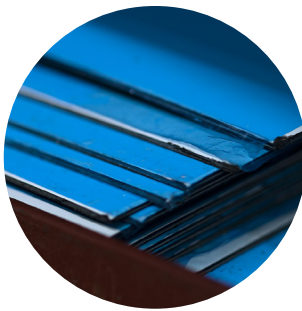


Sometimes we mould parts for certain badges as that is the only practical thing to do, namely the Keepsafe antimicrobial name badges, the backs of reusable name badges, child safe clip backed and 75mm pin backed button badges, we always use recycled plastic as standard.

The bulk of this comes from recycling fridge interiors but other manufacturing or recycling waste is used. For items like these, plastics still do have their place and in using recycled plastics we can reduce the environmental impact, but where there is a more sustainable alternative to plastics we will always prefer to use that.



Sheet Plastics



OK, enough about materials that have a positive side to them, it's time to tell the truth about the materials used for millions of plastic name badges every year in the UK. This broadly falls into 2 types of sheet plastics:

Engraving laminates – this is where you actually have 2 different types of plastic bonded together. A thin top layer is printed on and then engraved through to exposes the base layer for applying the names. Often a foil is used as the top layer to give the impression of a fake metal badge. There really is nothing good to say about these materials – the production waste goes to

landfill and so do the badges when finished with and that's just wrong as it's tonnes of the stuff and all completely avoidable. Styrene, thin extruded acrylics and other single type sheet plastics – these are slightly better than the engraving laminates in that production waste could be recycled if the manufacturer can be bothered to store the volume necessary for someone to collect it, though most don't as it may well cost them to do so.

The badges though will also end up in landfill as small quantities with additional finishes and fittings are not only unsuitable for recycling, the sheet plastics also have no identifying marks on them to show a recycler what type it is anyway.

All in all, the UK's most popular name badges cut from sheet plastics are just bad news for the environment. You might get told that your plastic name badges are made from recyclable material but the reality is that's just greenwashing as unless the right material triangle is shown on the back, which it won't be, the fitting, finishes and all contaminants are removed, which they won't be, those badges just go to landfill – and it's all unnecessary when great alternatives are available in aluminium and natural materials.

Why Buy British?



So why choose Sustainable British Made Products over imports?

Quality & Product Safety

All our finished products are UK manufactured and we ensure they are safe and fit for purpose. We comply with REACH and all other UK regulations relating to their safety. Our factory is ISO9001 quality certified, and the systems and processes are in place so that the product you receive is what you expect. Our factory operate industry leading service level standards to supply you with the accurate information you need quickly. Customers are treated fairly, with respect and if we get something wrong we will admit it and put it right.

Environmental Standards

Our factory's ISO14001 environmental certification means it is audited every year to prove the standards we claim. Whilst our raw materials will generally be imported by land and sea, sea shipping in finished product has a far greater negative impact on the environment as the packed volume in containers far exceeds that of simply raw materials. All our products have zero air miles, we believe airfreighting in merchandise to the UK that can be made here is just wrong and a serious environmental issue for our industry.

We are also subject to much stricter environmental controls at our UK factory than many overseas so you can be sure that British made products are the better environmental choice.

Ethical Production

We ensure your brand supports ethical production, fair wages and decent working conditions. We provide a safe and friendly place to work for over 50 people at our factory, all paid above the minimum wage with any overtime paid at a premium rate. Everyone has a contract of employment with us, comprehensive staff training and handbook outlining all aspects of working for the company and are collectively represented by a workers committee. We aim to provide opportunities within the company for those who wish to progress and full training is always provided. Those responsible for health and safety are fully trained to ensure safe working practices throughout and we supply all necessary PPE. We only create secure employment for the long term and do not use agencies, new jobs are created only when we know they will be secure.

The UK Economy

We pay all our taxes on time and all in the UK, all employees are on PAYE. We comply with all laws and regulations relevant to our business which supports the wider UK economy. We use UK suppliers wherever we can, preferring to buy as locally to our factory as possible to further support the regional economy.

Why Buy British?



Short Lead Times

We understand the UK market and the need for short lead times. It's the world we live in and we are set up to meet expectations where physically possible. On many of the products offered there is also no minimum order quantity. Where one is stated you will probably find it is the lowest available.

Avoiding Delays

No delays in the support you need due to time zone differences as the factory is open when you are, not sometime tonight. UK manufacture also avoids the delays caused by random shipping problems at airports and ports and frequent customs inspections that can mean missing crucial deadlines We'll also never call you to say there is an unexpected duty to pay on your goods before they are released.

Security of Ongoing Supply Chain

We've all been around for over 45 years and enjoy what we do, the factory is profitable and will continue to be here. We hold huge stocks of the raw materials we need to manufacture our products and will be able to fulfil your ongoing requirements.

Materials + Packaging

We will research and promote the use of the most sustainable materials available, paying a premium where necessary for suppliers and materials with proven environmental credentials. Unlike imports, your goods will be despatched in completely plastic free packaging as standard, made from different recycled papers and card that is easily recycled in any home or office. We even go as far as to use plastic free tape on our boxes.

Driving Innovation

Every year we will release new products in sustainable materials and develop our services to offer our customers industry leading solutions. We are the originators of many innovative and unique products and have pioneered plastic free packaging and individual product personalisation in our industry with easy online solutions.





Energy & Resources

Heating at our factory is from a biomass boiler using only UK manufactured pellets from sustainable sources that are made with green energy. Over the past 12 months, we purchased over 9 tonnes of wood pellets which has saved over 11 tonnes of CO2 when compared to imported heating oil. Low energy lighting is used throughout our factory and we are well insulated. When machinery needs replacing, energy efficiency will play a major part in choosing alternatives. Very little water is required in our production but water usage is always monitored for where savings can be made.

Case Studies

The following examples highlight how by choosing British manufactured products, made from the right materials with packaging and end of life always considered, you can make a big difference. They're all items you see at work or out and about every day but might not particularly consider their environmental impact. The fact is though that all our purchasing choices will have an effect.

You can see some more of our products which contribute to these schemes on pages 17 to 21 but these are just a few examples from just one British manufacturer. There are many other British manufacturers out there with a great story to tell and inspiring sustainable options for you to consider, which cover so many items in daily use. Choosing British made is always a great first step to a more sustainable future in so many ways but do make certain the products have genuine sustainability credentials and it's not just greenwashing.

AWARDS	Made From?	British Made for Minimum Carbon Footprint?	Plastics Free Packaging as Standard?	Can be Recycled at Council Recycling Centres?	End of Use Biodegradable or Return Scheme?	Tree Planting or Carbon Offset Scheme?
Other Suppliers  <small>Photo by david-dvoracek-unsplash</small>	Crystal	X	X	X	X	X
Sustainable British Manufacturing 	Wood	✓	✓	✓	✓ Wood will naturally biodegrade at end of life. Where many award types use metal pillars and caps, we can reuse these and will plant trees with any savings we make from doing so.	✓ For each and every award we make here in the UK using real wood we will plant 1 tree. On awards with any additional metal elements, production offcuts also contribute to our carbon offsetting scheme.
Sustainable British Manufacturing 	Bamboo	✓	✓	✓	✓ Bamboo will naturally biodegrade at end of life. Where many award types use metal pillars and caps, we can reuse these and will plant trees with any savings we make from doing so.	✓ For each and every award we make here in the UK using bamboo we will plant 1 tree. On awards with any additional metal elements, production offcuts also contribute to our carbon offsetting scheme.
Sustainable British Manufacturing 	Greencast® Acrylic	✓	✓	X	✓ Greencast® can be recycled if returned to us. Where many acrylic award types use metal pillars and caps, we can reuse these and will plant trees with any savings we make from doing so.	✓ Where the acrylic award has a real wood or bamboo base or backing, we will plant 1 tree for every award we make. On those with additional metal elements the production offcuts also contribute to our carbon offsetting scheme.

Case Studies

COASTERS

Other Suppliers	Made From?	Always British Made for Minimum Carbon Footprint?	Plastics Free Packaging?	Can be Recycled at Council Recycling Centres?	End of Use Biodegradable or Return Scheme?	Carbon Offset or Tree Planting Scheme?
 <p>Can be made of all sorts but many unfortunately are still plastics based and many airfreighted to the UK rather than made here</p>		X	X	X	X	X
Sustainable British Manufacturing  <p>Aluminium Our preferred non slip backing is natural cork</p>		✓	✓	✓	<p>✓</p> <p>Not biodegradable but can be returned to us if that's easier for you (you simply pay the postage). We will definitely recycle the aluminium and the money we earn from that all goes to investing in carbon offsets</p>	<p>✓</p> <p>We will offset 1kg of carbon from scrap aluminium from every 21 standard 89mm coasters we make</p>
Sustainable British Manufacturing  <p>Bamboo or Oak with a natural cork backing</p>		✓	✓	✓	<p>✓</p> <p>Biodegradable No return necessary</p>	<p>✓</p> <p>For every 50 wood or bamboo coasters we make we will plant 1 tree in our forest</p>

BUTTON BADGES

Other Manufacturers	Type	Certified Recycled Paper Used to Print	All Steel Components (Cap + Back) for Easy Kerbside Recycling?	100% Recycled Plastic Used Where Necessary?	End of Use Returns Scheme?	Carbon Offset or Tree Planting Scheme?
 <p>Plastic backed button badges of any size</p>		X	X	X	X	X
Sustainable British Manufacturing  <p>Metal backed 25mm, 32mm, 38mm, 45mm, 55mm safety pin button badges</p>		✓	✓	✓	<p>N/A (Easily recycled in any home or office)</p>	<p>✓</p> <p>To offset 1Kg of CO2 from the sale of production scrap steel all we need to make is:</p> <ul style="list-style-type: none"> 131 x 25mm button badges 87 x 32mm button badges 93 x 38mm button badges 71 x 45mm button badges 48 x 55mm button badges 54 x 75mm button badges
Sustainable British Manufacturing  <p>Plastic backed 75mm safety pin and 38mm or 55mm clip back button badges</p>		✓	X	<p>✓</p> <p>If returned to us we will reuse all good quality badge backs. What we save from reusing these goes to plant trees</p>	<p>✓</p>	<p>✓</p> <p>Can be returned to us. We will separate the components, recycle the steel. The money we earn from scrap steel goes towards carbon offsets</p>

Case Studies

PERSONALISED NAME BADGES	Material?	UK Made Bar Pin Fittings?	Plastics Free Packaging?	End of Use Can be recycled at council recycling centres?	Carbon Offset or Tree Planting Scheme?	Trees Planted for Magnet Fittings Returned
<p>Other Manufacturers</p> 	Sheet plastic, either engraving laminates or sheet styrene	X	X	X	X	X
<p>Sustainable British Manufacturing</p> 	Aluminium	✓	✓	✓	<p>✓</p> <p>Looking at just 1 popular size of name badge, 73X44mm, from aluminium scrap sales we will offset 1Kg of carbon for every 11 badges made</p>	<p>✓</p> <p>For every 2 name badge magnets returned to us that we can use we will plant 1 tree - any not suitable for reuse will be stored until UK neodymium recycling is available</p>
<p>Sustainable British Manufacturing</p> 	Bamboo or wood	✓	✓	✓	<p>✓</p> <p>For every 50 badges made from wood or bamboo we will plant 1 tree</p>	<p>✓</p> <p>For every 2 name badge magnets returned to us that we can use we will plant 1 tree - any not suitable for reuse will be stored until UK neodymium recycling is available</p>
PRINTED METAL CLUTCH PIN LAPEL BADGES	Favoured Material?	British Made for Zero Air Miles?	Plastics Free Packaging?	Can be recycled at council mixed metal recycling centres?	End of Use Return Scheme?	Magnet Fitting Return Scheme?
<p>Other Manufacturers</p> 	Steel	<p>X</p> <p>Carbon calculators vary on the amount of carbon airfreighting in 500 printed lapel badges produces, anything from 7.7kg to 35.9kg depending on who is calculating the figures and how. Whatever way it's calculated though airfreighting even small orders of these items contributes to greenhouse gas emissions</p>	X	✓	X	X
<p>Sustainable British Manufacturing</p> 	Aluminium	<p>✓</p> <p>Much lower carbon footprint as no air miles involved and we will offset 1kg of carbon from aluminium scrap sales for every 31 badges we make (based on standard 25mm size badges)</p>	✓	✓	<p>✓</p> <p>For ease badges can be returned to us. We will recycle the aluminium and reuse any good quality butterfly clutches. The money we earn and save from this all goes to planting more trees and investing in carbon offsets</p>	<p>✓</p> <p>For every 5 small clutch pin magnets returned to us that we can use we will plant 1 tree - any not suitable for reuse will be stored until UK neodymium recycling is available</p>



Products in Our Carbon Offset Scheme

The production of all these great British manufactured products directly contribute to our carbon offset scheme. Here is just a small selection from the British made merchandise ranges.



BB Button Badges in 6 sizes



AESB Personalised Metal Name Badges



AW Metal Faced Window Badges



AESBFD Metal Promotional Badges



ENB Excel Name Badge



AAPB Aluminium Clutch Pin Badge



ABB Aluminium Blackboard Name Badge



AAC Metal Coasters



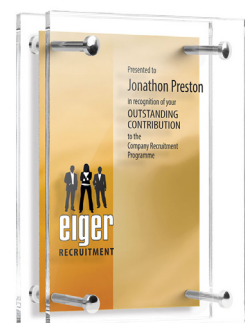
AAC10 Metal Calendar Coasters



AAPV Metal 'V' Nameplates



MFM Metal Fridge Magnets



APA Acrylic Pillar Plaque Award

Eco Awards in Our Tree Planting Scheme



For each and every one of these beautiful eco awards that we make a tree will be planted. Here is just a small selection from the British made awards ranges. Many of these awards also contribute to our carbon offset scheme where indicated.



WDBA-AM Real Wood Block Award with Metal Plate & Acrylic Front (Oak, Wave)



WDBLA Real Wood Peak Award with Metal Plates (Walnut)



AWA Wood Window Award (Oak Pillars)



WDBA-A Real Wood Block Award with Acrylic Front (Walnut, Flame)



AAPWLB Woodline Plaque with Solid Oak Base, Metal Plate & Acrylic Front



WDBA2 Real Wood Atlas Award (Oak)



BMBA30AM Bamboo Block Award with Metal Plate & Acrylic Front



WDBA2-C1 Solid Oak Rising Star Award with Acrylic Front



WDBA-AM Real Wood Block Award with Metal Plate & Acrylic Front (Oak, Spinnaker)



BMBA30A Bamboo Block Award with Acrylic Front



BMBA30AM Bamboo Block Award with Metal Plate & Acrylic Front (Sail)



AWA-S-1 Solid Oak Star with Acrylic Slot Award



Eco Awards in Our Tree Planting Scheme

For each and every one of these beautiful eco awards that we make a tree will be planted. Here is just a small selection from the British made awards ranges. Many of these awards also contribute to our carbon offset scheme where indicated.



WDBA2 Real Wood Ignite Award (Oak)



WDBA Real Wood Circle Award (Maple)



WDBA Real Wood Block Award (Oak, Wave Top)



BMBCA Bamboo Column Awards



WDBA-C Real Wood Star Award (Walnut)



WDSA Real Wood Sunrise Award (Oak)



BMBA30SA Bamboo Sunrise Award with Acrylic Front



BMBA Bamboo Block Award



WDC2-W Real Wood Column Award with Metal Wrap (Oak)



WDC2-2 Triple Wood Column Award (Oak, Walnut, Maple)



BMBSF3 Bespoke Shape Bamboo Sports Award



WDBA2-S-AS Real Wood Block Award with Shaped Acrylic Front (Oak)

Eco Merchandise in Our Tree Planting Scheme



Here is just a small selection from the British made eco merchandise range. Every time we make just 50 of any of these great products a new tree will be planted.



BMB-NB Personalised Bamboo Name Badges



BMB-PMB Real Wood Promotional Badges



BMB-WB Bamboo Faced Window Badges



BMB-BNB Bamboo Blackboard Name Badges



BMB-CTO Bamboo Wall Decoration



BMB-FMB Bamboo Fridge Magnets



BMB Bamboo Flatpack Gift Sets



WDC Real Wood Coasters



WDK Real Wood Keyrings



WD-PS Real Wood Phone Stands



BMB-CTO Bamboo Xmas Baubles



WD-PFRR Real Wood Photo Frame



Eco Merchandise in Our Tree Planting Scheme

Here is just a small selection from the British made eco merchandise range. Every time we make just 50 of any of these great products a new tree will be planted.



BMB-PC Bamboo Flatpack Postal Card with stand



BMB-MED Bamboo Medals



WD-TBL Solid Oak Jewellery/Trinket Box



WDPS-W Small Solid Oak Desk Tidy



BMB-K Bamboo Keyrings



Bamboo Xmas Tree Trio Gift Set



BMB-CO Bamboo Flatpack Reindeer



BMB-C Bamboo Coasters



WD Nautilus Tealight Holder



WD-CTO Real Wood Hanging Xmas Star with Acrylic Bauble

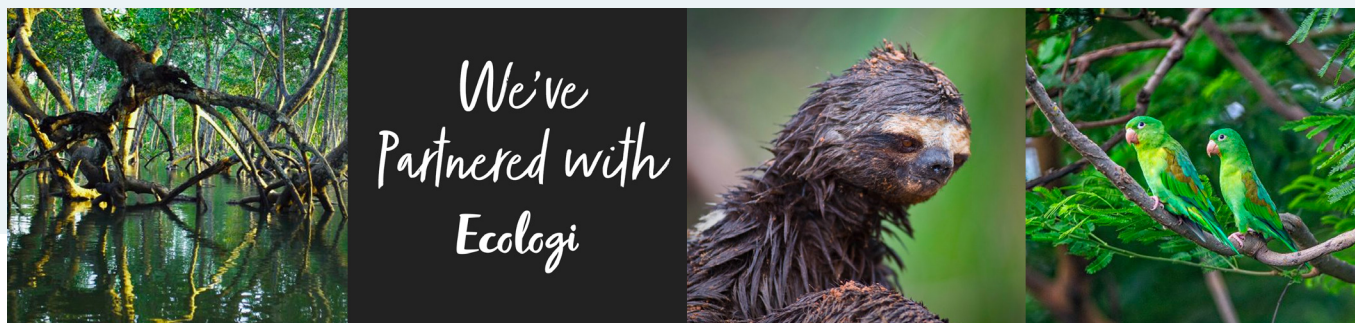


WDPW-AC Real Wood Paperweights with metal top



WDBH Solid Oak Heart Block

More About *Ecologi*



Ecologi is a platform for real climate action.

Ecologi facilitate the funding of carbon offset projects and tree planting around the world with a mission to reduce 50% of global CO2 emissions by 2040 and responsibly plant billions of trees every year.

Purchasing **carbon offsets** through Ecologi provides an easy way to directly fund high-impact climate solutions that will help to reduce or remove emissions – without having to try to find impactful climate projects ourselves. This is because the voluntary carbon market is out of reach for ordinary people, and for most businesses – but through an Ecologi account, we can access these solutions to contribute towards support that adds up to far more than our own individual footprint.

Carbon offsets have had a difficult history. At their worst, they can greenwash polluting activity and provide no additional reductions in emissions – the internet is full of horror stories about projects gone wrong. But used well, carbon offsets can be a vital contributor to solving climate change. With Ecologi we have the peace of mind that our subscriptions will be spent on Gold Standard, certified projects we believe to be truly effective climate solutions.

Ecologi carefully select all of their impact partners and projects, based on a number of important criteria. Regarding **tree planting and reforestation projects**, for example, this means planting ecologically appropriate trees in the right places, coordinating with local communities, and ensuring that trees are protected from outside threats (both natural and manmade) so that they can survive and thrive, and help to support biodiversity and carbon sequestration.

Up until now, roughly half of the money has been funding a mangrove reforestation project in north-west Madagascar, Maratoala. Mangroves are a formidable climate ally with their ability to store a lot of carbon at a rate that's up to four times more per hectare than tropical rainforests. Ecologi are now planting around half a million trees a month, so have needed to broaden planting locations this year, including a second 1,689 hectare site further down the coast in Madagascar, a brand new 2,002 hectare planting site in Mozambique and 535 hectares in Nicaragua to restore illegally logged land back to rich tropical rainforest.



You can find out more at: ecologi.com/sustainablebritishmanufacturing

Frequently Asked Questions

All of this tree planting is overseas, do you do anything to support UK tree planting?

Our factory is a corporate member of The Woodland Trust, helping create, restore and protect UK woodland. That's not funded by this scheme, we just do that anyway as we feel it's the right thing to do.

Can I take the items apart myself to reduce postage costs?

Yes, but please don't try. Some companies say you should but without the right tools and protective equipment one slip and you could easily hurt yourself. In our view it is irresponsible to suggest people disassemble products – leave it to the manufacturer.

What percentage of funds from scrap metal recycling goes into carbon offsets?

100% of the money we get from recycling aluminium and steel goes to Ecologi for carbon offsets.

Why not just plant trees, why the carbon offset projects?

New trees, whilst desperately needed, will of course take years to reach their maximum carbon reduction potential. This is why rather than planting trees alone we're also supporting carbon reduction projects that are certified at the highest level by Gold Standard and equivalent with Ecologi. This way our British made merchandise is supporting projects around the world that are working right now to reduce greenhouse gases in the atmosphere.

Why do I need to pay the postage to return items to you for recycling?

The scrap value of the materials that you return is actually low and would not cover the cost of postage and if we built the cost of returns postage into orders that would make our items look too expensive and we would not be able to sell them.

What if I don't pay the postage?

Then Royal Mail will simply return the package to you.

Is everything really British made?

Yes, we manufacture everything that we promote. By simply buying from a British manufacturer you are automatically reducing the carbon footprint of your items compared to imported or, at worst, airfreighted products.

I had my products made elsewhere, can you recycle them for me?

Sorry but no. We couldn't necessarily be certain of the materials used in another manufacturers items so could not recycle them.

How do your materials get to you if there are no air miles?

It's a mixture of land and sea transport depending on what we need. We buy as locally as we can and if UK supply is not possible we prefer European supply to further afield. By sea shipping materials where necessary from the furthest destinations in basic sheet form, much less container volume is required than finished product. For example, 1 pallet of 100 sheets of 5mm thick bamboo occupies a fairly small space in a shipping container but that 1 pallet makes tens of thousands of items which would take up way more container space with all the packaging as well. Lower sea freight volume leads to less shipping required and a lower carbon footprint.

Our factory is a member of the below organisations and has earned the accreditations shown



Woodland Trust
Corporate Member

