Artists' Environmental Resource

Fife Contemporary

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Introduction

Fife Contemporary has long been engaged with environmental concerns in how it carries out its work and also in the themes of its programme. In 2019 we Declared Climate Emergency.
The experience of the Covid-19 pandemic has heightened our awareness of how the health crisis interacts with current crises in the environment and social justice.

In wanting to help make changes we recognise the lead and inspiration provided by artists and makers. When we held a day on Climate Emergency in Practice, **https://www.creativecarbonscotland.com/resource/fife-contemporarys-climate-emergency-in-practice-day/**, the commitment of artists to make changes within their own practice was clear but so was the complexity involved. Engaging with the issues around your artistic practice which impact the environment can be daunting as an individual.

Becoming more aware and informed about this can, however, lead to changes in behaviour which, may be incremental rather than immediate, and reflect your general ethical framework and aspirations. It may also involve engaging with organisations you work with to encourage them to improve their environmental practice. This could be by campaigning collectively with others. It's not all just down to you!

The Climate Museum UK suggests taking a 'Possitopian' approach, not being stuck in either wishful Utopian or despairing Dystopian positions about the future. **https://climatemuseum.org/**

We can try to balance our concerns to reduce our harmful carbon footprint with a commitment to create positive handprints:

https://www.handprint.fi/
https://extension.harvard.edu/blog/introducing-handprints-a-net-positive-approach-to-sustainability/
https://www.acre.com/blog/2020/03/how-the-carbon-handprint-is-shaping-a-positive-future
https://www.anthropocenemagazine.org/2020/07/want-to-reduce-your-ecological-footprint-try-a-handprint-analysis/

Initially Fife Contemporary hoped to create a toolkit to enable artists and makers to measure their carbon footprint in the way that existing tools help organisations do so. With the varied nature of artistic practice, the complexity of the task became quickly apparent however as did the reality that the time it would involve was too onerous for individual artists.

This document therefore tries to be a general introduction to the issues to consider and hopefully a useful source of information and links which can continue to develop. We will review the resource annually and welcome corrections, updates and additions. This document is produced in good faith, and the links provided were correct at time of publication.

Fife Contemporary

Fife Contemporary has declared Climate Emergency.
You can do the same here, **https://www.culturedeclares.org/resources**.

Our Core Purpose is to produce a high quality programme of visual art and craft to support artists and makers and for the public in Fife, facilitating engagement between them and enriching their lives.

We will know we are being successful when:

- artists and makers thrive and their work is valued
- our programme of activity supports the wellbeing of the public through participation in creativity and enjoyment
- we are recognised as an exemplar small arts organisation in making a difference to cultural and social wellbeing in Fife and beyond.

One of the Values underpinning our work is:
We will monitor and improve our relationship with the natural environment and address the issues of the climate emergency by reducing our carbon footprint, making adaptions to address climate change and highlighting environmental issues through the programme.

In 2021-22 Fife Contemporary will be producing the exhibition **REsolve: a creative response to the Circular Economy** which is curated by Mella Shaw. It will have an online presence, and be presented at Kirkcaldy Galleries.

Climate Emergency

Our planet faces critical threats to our ecology and ultimately to the human life that depends on it. The necessary diversity of species is being eroded by the increasing loss of individual species, and the ability of soil to provide a growing medium for food is being compromised by intensive farming, depleting it of nutrients and structure. Most immediately however the Climate Emergency, **https://www.climateemergency.uk/**, has been declared as the earth's atmosphere rapidly warms due to the emission of greenhouse gases (the chief one being carbon but others such as methane also play a part).

Globally 2020 was the hottest year on record, tying with 2016. This short NASA animation powerfully illustrates the acceleration and spread of global warming:
https://www.youtube.com/watch?v=Z4bSxb5THm4

Measuring, monitoring and reducing the carbon we produce (and potentially influencing others to do so) is therefore a key concern. An emerging area of focus is also how we need to change what we do in a climate-changed world. Creative Carbon Scotland have started to look at this through different projects, most recently through a focus on implications for visual arts organisations, which might be of interest:
https://www.creativecarbonscotland.com/resource/visual-arts-and-climate-change-adaptations-in-scotland-2019-recommendations-report/,
and in partnership with Craft Scotland:
https://www.craftscotland.org/about/projects/green-crafts-initiative.

Useful Terms

$C0_2$/Carbon Dioxide
Carbon dioxide, shortened to 'carbon' is used as a proxy term for all the greenhouse gas emissions which we emit into the atmosphere, and which are changing our climate – including things like Nitrous Oxides, Fluorinated Gases and Methane. More detailed information can be found here: **https://ecometrica.com/greenhouse-gases-co2-co2e-and-carbon-what-do-all-these-terms-mean/**.

Carbon Footprint
The amount of carbon dioxide released into the atmosphere as a result of the activities of a particular individual, organisation or community.

Carbon Handprint
The positive climate impact of an individual or product.

Circular Economy
An alternative to the linear idea of make, use and dispose, where resources are kept in use for as long as possible, the circular economy focuses on recovering and regenerating materials.

Carbon Monitoring
Calculating and tracking how much CO_2 is produced from your activities.

Carbon Offsetting
Compensating for your CO_2 emissions by participating in a scheme which helps reduce carbon in the atmosphere.

Thinking about what you can do and where your emissions come from

To accurately calculate your total carbon footprint and environmental impact you need to gather data relating to a number of key areas of your practice. This can be complex and time-consuming and the great variety of art practice makes this difficult. A focus on identifying processes and materials which produce large carbon footprints provides a useful starting place, and you can then consider how you can reduce your impact through changing materials and/ or processes.

The main areas to consider are:

- Energy
- Materials
- Waste
- Markets
- Travel & Transport
- Administration
- Advocacy

For each one think about and describe your current situation (and measure carbon emissions if possible), reflect on any improvements you could make and what you need for this to happen (including your own and others' behaviour), and determine a realistic timeline for change (and define target reductions of carbon if possible).

Creative Carbon Scotland have a number of tools to measure and monitor carbon emissions: **https://www.creativecarbonscotland.com/carbon-management/tools-and-resources/**.
Julie's Bicycle provides a free and easy to use carbon and environmental tracker: **https://juliesbicycle.com/reporting/**,
as does the Gallery Climate Coalition: **https://galleryclimatecoalition.org/carbon-calculator/**,
and Pawprint: **https://www.pawprint.eco/**.

Energy – Studio/Where you work

What are the sources of energy you use for heat, light and production?

If you work from home, or have your own work space you will have control over this. If you make work in a communal facility such a print or sculpture workshop, then find out what kind of monitoring they have. You may have no control over the energy used, but you can raise the issue, and be a green advocate for change.

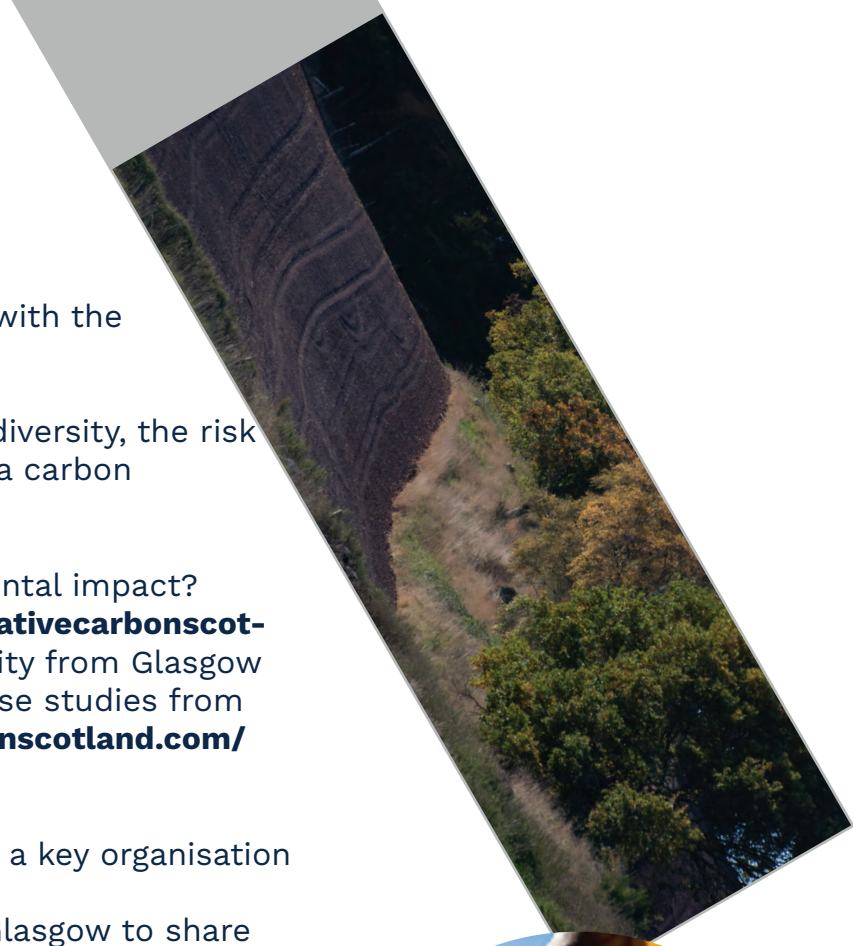
Changing energy supply to a 100% renewable energy supplier (not just a renewable tariff) is a positive way to drive change at a systemic level.
https://www.simplyswitch.com/where-does-my-energy-come-from/

Are you aware of the amount (kwH) energy your heat, light and processes consume? Consider the energy ratings of appliances before you purchase new equipment.
https://www.resourceefficientscotland.com/save-energy
https://www.energysavingtrust.org.uk/scotland

Creative Carbon Scotland have also developed a range of free tools for the sector:
https://www.creativecarbonscotland.com/carbon-management/tools-and-resources/.
The tenant energy toolkit is probably one of the most useful for individual makers/artists as it allows you to approximate utilities' emissions based on space (and equipment) rather than requiring energy bills, which those in shared spaces often struggle with.

Have you thought about the impact of your online activities? If you have a website, think about who hosts it for you and ask about their carbon policy. If you are thinking about starting your own website, investigate the best way you can do this and be carbon neutral.
https://www.ecohosting.co.uk/

Materials



Are you able to identify social, economic and environmental impacts associated with the production of the materials you use?

You may want to think about things like chemical pollution leading to loss of biodiversity, the risk to human health and degradation of soil. Although these impacts won't count in a carbon emissions sense, they are part of the wider understanding of 'impact'.

Can you trace the origin of the materials you use for your work? Or its environmental impact? The Green Arts Initiative provides helpful resources to consider, **https://www.creativecarbonscotland.com/project/the-green-crafts-initiative/**, as does this article on sustainability from Glasgow School of Art, **http://www.gsasustainability.org.uk/projects/resource**, and the case studies from Creative Carbon Scotland provide useful information, **https://www.creativecarbonscotland.com/filter/resources/artists/case-studies/**.

Are you able to source your materials by joining the circular economy? Ostrero is a key organisation based in Scotland advocating the adoption of Circular Economy principles: **https://www.ostrero.com**, and CAN – the Circular Arts Network - was set up in Glasgow to share unneeded resources: **https://www.canarts.org.uk/**.

Metal and jewellery:

The Incorporation of Goldsmiths has both information, **http://www.incorporationofgoldsmiths.org/ethicalmaking/index**, and a checklist you can use **https://www.goldsmiths-centre.org/media/filer_public/1e/9f/1e9f80ac-a14e-4ff7-8e39-0a61624b27be/ethical_making_checklist.pdf**, and Ethical Making lists materials and resources, **http://www.ethicalmaking.org/**.

Painting:

Most suppliers offer paints and materials that are more environmentally friendly, and selecting them involves looking at the details of your product, and selecting ones that have a low environmental impact.

If you use specialist suppliers, question them about where their product comes from, and if they have a sustainable/recycled alternative. Think about the chemicals used to make paper and canvases.

Glass and ceramics:

Think about the energy used by your kiln. The power your kiln uses, the duration of the firing, how frequently you use it and the pieces fired can all have an impact. This article from Craft Scotland offers some useful material to consider: **https://www.craftscotland.org/journal/article/sustainable-ceramics-with-kevin-morris**.

Technical challenges exist in reusing ceramics, but projects that use recycled ceramic rather than fresh clay are being developed. See **https://sarahowardstudio.com/Circular-Ceramics**, **https://granbyworkshop.co.uk/shop/granbyware-100-recycled/**, **https://thusthat.com/Red-Mud** and **https://www.ingepanneels.com/material-journey**.

Printing:

Investigate the use of non-toxic printing processes, like this workshop delivered by Edinburgh Printmakers, **https://edinburghprintmakers.co.uk/downloads/acrylic-resist-etching.pdf**. Use print companies whose materials and processes are environmentally friendly.

Textiles:

Textiles may be able to be sourced locally or recycled, and organisations like the Circular Arts Network can help you source materials, **https://www.canarts.org.uk/**.

Wood:

Are you using Forest Stewardship Council approved materials? **https://www.fsc-uk.org/en-uk**, or can you source material from a recycled source? What will you do with your waste?

Packing:

Can you reuse packing materials, or source biodegradable products? Think about using recycled cardboard and paper, recycled plastics, biodegradable packing and corrugated paper instead of bubble-wrap. Specialist suppliers have a large range available for packing, **https://www.macfarlanepackaging.com/products/sustainable-products/**.

Think about how you use packing items. Can you use blankets for storage instead of using bubble-wrap?

There can be positive impacts to identify as well. Are you able to use Fairtrade or recycled materials, or employ local companies? Is there a scrap store in your area? Zero Waste Scotland has a list of places you can find materials, **https://www.zerowastescotland.org.uk/revolve**, and Craft Scotland has identified ways to find sustainable materials, **https://www.craftscotland.org/journal/article/six-places-to-find-sustainable-materials-in-scotland**.
Local listings can be found here: **https://www.reusefuluk.org/**.

Waste

Waste is one of the easiest things to track and control, and a number of useful tools and initiatives have been set up to help with this:
https://www.creativecarbonscotland.com/resource/creative-carbon-scotlands-guide-to-tackling-waste/
https://www.resourceefficientscotland.com/reduce-waste/measure
https://www.zerowastescotland.org.uk/

What kind of waste is generated by your production processes? Can you reduce consumption of materials (for work, packing, administrative & promotional materials) by using recycling schemes, or can you offer materials for reuse (see links above)?

Can you avoid using single-use plastic? See the section on Materials for sources of non-plastic packaging.

Can you reduce the amount you send to landfill through recycling or changing to materials that can be recycled? Perhaps your processes and/or their outcomes already involve the re-using or recycling of material. Do you have any waste that can be disposed of through composting?

If you use tools, are you able to repair rather than replace tools or equipment, or can you hire rather than buy them? There may be a tool library in your area, or a repair café, so have a look at Zero Waste Scotland to see if there is something local to you.

https://remade.network/
https://www.greenerkirkcaldy.org.uk/what-we-do/reuse-repair/
https://wasteless.zerowastescotland.org.uk/articles/tool-library
https://wasteless.zerowastescotland.org.uk/articles/repair-cafe

Can you access facilities in artist workshops, investigate the circular economy and participate in ways to redistribute your spare resources and materials?

https://ostrero.com
https://www.realcircularity.org/
https://www.canarts.org.uk/
http://www.closingtheloopfilm.com/

Markets

How do you find/choose partners and clients?
How do you know if they share your ethos?
How do you share your stance on the climate emergency with others you work with and for?

Once you know who you will go about reducing your carbon footprint, and becoming more environmentally sustainable, you will want to include that information in your biography, and it will influence and inform how you find partners or market your product. There are examples of artists' good practice here:
https://www.utedecker.com/
https://ruthhollywood.com/pages/about-us
https://www.ingepanneels.com/material-journey.

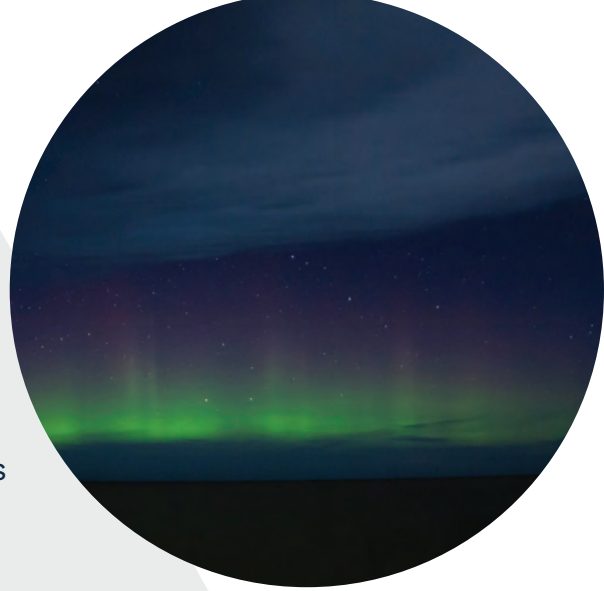
What can you do to seek commissions which align with your values? Eg would you want to avoid commissions which are connected with the oil trade?

Where and how do you sell your work?
Can you investigate the environmental impact of the places you sell through? Galleries and organisations are likely to have their own policy, so you can check that it aligns with your values. Then consider how you travel to markets, or how you transport, package (see Materials section above) and post your work (see Travel section below).

Have you thought about the impact of your online activities? If you have a website, think about who hosts it for you and ask about their carbon policy. If you are thinking about starting your own website, investigate the best way you can do this and be carbon neutra:.
https://www.ecohosting.co.uk/.

What about your online markets and selling platforms?

Travel & Transport



How do you travel to where you work, to meetings, meet clients, visit spaces where you exhibit/ sell work? It is increasingly possible to hold FaceTime / Skype / Teams / Zoom meetings rather than meet face to face, so can you consider this as a first option?

Can you use public transport? Google maps provides a quick way to work out what travel options you have, and can link you to sites to purchase train tickets. It also lets you know how long your journey will take. This is a good way to identify when you are able to walk, cycle or use public transport rather than drive:
https://www.google.co.uk/maps/.

If you need to travel by car, can you combine travelling with anyone else? Go Car Share, allows you to find and offer car share options across the country:
https://gocarshare.com/.

You may want to draw up a travel plan, considering how you will prioritise travelling. Can you avoid all flying, at least within the UK? Greener Scotland has a helpful set if questions to help you get started:
https://www.greenerscotland.org/greener-travel/smarter-travel-choices.

How do you transport / send work? Can you investigate carbon neutral courier services for transporting/sending work? This can be time consuming, but larger companies usually have this information on their website:
https://green.dpd.co.uk/
https://www.royalmail.com/making-a-difference
https://www.yodel.co.uk/about/corporate-social-responsibility/.

Can you reuse packing materials, or source biodegradable products? Think about using recycled cardboard and paper, recycled plastics, biodegradable packing and corrugated paper instead of bubble-wrap. Specialist suppliers have a large range available for packing:
https://www.macfarlanepackaging.com/products/sustainable-products/.

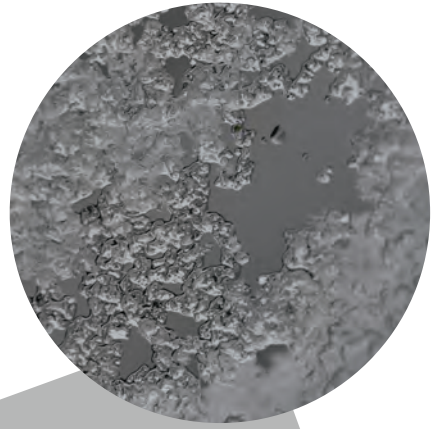
Administration

This relates to most of the headings, as it involves how you deal with all your administrative tasks, including selecting supplies and managing your paperwork.

Can you print less paper when administering projects and sales? Can you use recycled paper? Have you thought about the energy consumption of your administration, and considered how you will deal with recycling printer cartridges?

Greener Scotland has a list of ways you can recycle, and provides links to information about what can be recycled in your area:
https://www.greenerscotland.org/reduce-reuse-recycle/recycling/materials-you-can-recycle

Can you use FaceTime / Skype / Teams / Zoom to reduce travel when planning a project?
(see Travel and transport above)



Can you reuse packing materials, or source biodegradable products? Think about using recycled cardboard and paper, recycled plastics, biodegradable packing and corrugated paper instead of bubble-wrap. Specialist suppliers have a large range available for packing, **https://www.macfarlanepackaging.com/products/sustainable-products/**, and food, **https://www.vegware.com/uk/**.

What will happen to your display materials at the end of your project? Can you plan how to reuse materials from the beginning of your project? Will you be able to reuse the materials, or can you offer them to someone? The Circular Arts Network can help you source and offer materials:
https://www.canarts.org.uk/.

If none of this is possible would Carbon Offsetting be an option? **https://www.worldlandtrust.org/carbon-calculator/individual/**, or consider how you can advocate for change (see Advocacy section below). There are complex issues surrounding Carbon Offsetting. The blog by Creative Carbon Scotland provides useful information:
https://www.creativecarbonscotland.com/scolelte-the-tree-that-grows/

Have you thought about the impact of your online activities? If you have a website, think about who hosts it for you and ask about their carbon policy. If you are thinking about starting your own website, investigate the best way you can do this and be carbon neutral. **https://www.ecohosting.co.uk/**.

What search engine do you use most frequently? Look at the carbon information on the search engine, or consider using Ecosia, which is a search engine that plants trees depending on the amount of searches it generates: **https://www.ecosia.org/**.

Advocacy

Many factors may be out-with your control. You may not have the option of selecting a carbon neutral courier, or have any control over the energy source in your work space. However, you can produce a positive ‘handprint’ as well as reduce your negative ‘footprint’. The term ‘carbon handprint’ refers to the positive climate impacts of your work.

If it is relevant to your practice you may explore / highlight environmental themes in your work. See the Green Crafts Initiative, in conjunction with Craft Scotland and Creative Carbon Scotland, to find out how to become more environmentally conscious in your craft practice: **https://www.craftscotland.org/about/projects/green-crafts-initiative**.

Can you bring your professional skills to working with environmental campaigns? For example, Greenpeace, Friends of the Earth or Extinction Rebellion: **https://www.greenpeace.org.uk/**, **https://foe.scot/campaign/climate-action/**, **https://xrscotland.org/rebellion/**.

You may decide to focus on working with communities through socially engaged practice to raise awareness or stimulate activity to improve environmental outcomes. To start, you may want to draw up your own policy about how you work. This does not need to be a large task, but if you want to share your policy on your website or social media channels it would be a good idea to think of how you would structure it.
For example, **https://www.ellieharrison.com/environmentalpolicy/**.

Consider joining in with Creative Carbon Scotland’s Green Tease:
https://www.creativecarbonscotland.com/resource/green-tease-diy-handbook/.

Within the fashion world, Fashion Revolution was founded following the Rana Plaza disaster in 2013, and has become ‘the world’s largest fashion activism movement, mobilising citizens, industry and policymakers through our research, education and advocacy work’:
https://www.fashionrevolution.org/about/.

List of useful websites and organisations

Organisations

https://www.creativecarbonscotland.com
Creative Carbon Scotland works with artists and individuals, cultural and sustainability organisations, funders and policy makers, connecting them to the change process and exploring how the cultural sector can contribute.

https://www.craftscotland.org/
National development agency to support makers and promote craft.

https://zerowastescotland.org.uk
'We exist to create a society where resources are valued and nothing is wasted.'

https://ostrero.com
Ostrero's vision is for Scotland to fulfil its potential as a world leader in the Circular Economy.

https://climateoutreach.org/resources/
Climate Outreach provide resources about talking and writing about climate change and its impacts.

https://climatemuseumuk.org/digital-museum/
Climate Museum UK's digital collection for activism and other ideas listed on their website. Their aim is that a training workshop using the Museum collections and tools might go some way to encouraging teams to work together towards the possibility of sustaining a habitable biosphere, and to consider what will need to change.

Art Organisations with a strength in environmental programming

https://www.laterallab.org/
Lateral Lab is a cultural trust that supports contemporary creative responses to the environment through an eco-centric spirit of exploration and international collaboration.

https://www.centreforstewardship.org.uk/
The Centre for Stewardship is developing Falkland Estate as a place where people are learning how to live and work more sustainably.'"Our interests span from the value of re-skilling our communities to the impact of today's decisions on climate change for future generations.'

https://www.rbge.org.uk/whats-on/inverleith-house/
'Our mission is to explore, conserve and explain the world of plants for a better future.'

https://www.deveron-projects.com/home/
'We connect artists, communities and places through creative research and engagement.'

https://www.thebarnarts.co.uk/
'Sustaining creativity'

https://www.appliedartsscotland.org.uk/
A membership organisation run by makers, for makers.

https://atlasarts.org.uk/
'We work with artistic projects that connect with the conditions and desires of our local area, and the shared concerns of global communities.'

https://galleryclimatecoalition.org/
'The GCC evolved out of a shared concern across the commercial art world that not enough was being done to tackle our collective environmental impact.'

https://www.chrysalisarts.com/
Supporting the visual arts and environmentally responsible arts practice.

Carbon Monitoring

https://www.juliesbicycle.com
https://www.claimexpenses.com/
https://galleryclimatecoalition.org/carbon-calculator/
https://www.pawprint.eco/

Energy

https://www.simplyswitch.com
https://www.energysavingtrust.org.uk/scotland
https://www.resourceefficientscotland.com/
https://www.creativecarbonscotland.com/carbon-management/tools-and-resources/
https://www.ecosia.org/
https://www.ecohosting.co.uk/

Materials

https://remade.network/
https://edinburghtoollibrary.org.uk/
https://www.transitionstirling.org.uk/the-tool-library
https://southsidetoollibrary.myturn.com/library/
https://www.transitionlinlithgow.org.uk/tool-library.html
http://www.ethicalmaking.org/
https://remade.network/
https://www.greenerkirkcaldy.org.uk/what-we-do/reuse-repair/
https://wasteless.zerowastescotland.org.uk/articles/tool-library
https://wasteless.zerowastescotland.org.uk/articles/repair-cafe
https://www.instituteofmaking.org.uk/materials-library
https://www.futurematerialsbank.com/

Waste

https://www.canarts.org.uk/
https://www.creativecarbonscotland.com/resource/creative-carbon-scotlands-guide-to-tackling-waste/
https://www.resourceefficientscotland.com/reduce-waste/measure
https://www.zerowastescotland.org.uk/
https://www.zerowastescotland.org.uk/circular-economy
https://wasteless.zerowastescotland.org.uk/articles/reuse-tool
https://ostrero.com
http://www.closingtheloopfilm.com/
https://repaircafeglasgow.org/
https://www.transitionstirling.org.uk/repairs/
https://www.edinburghremakery.org.uk/
https://www.facebook.com/HattonRepairCafe/

Markets

https://www.utedecker.com/
https://ruthhollywood.com/pages/about-us
https://www.ingepanneels.com/material-journey

Travel and transport

https://gocarshare.com/
https://www.greenerscotland.org/greener-travel/smarter-travel-choices
https://green.dpd.co.uk/
https://www.royalmail.com/making-a-difference
https://www.yodel.co.uk/about/corporate-social-responsibility/
https://www.google.co.uk/maps/

Administration

https://www.greenerscotland.org/reduce-reuse-recycle/recycling/materials-you-can-recycle
https://www.macfarlanepackaging.com/products/sustainable-products/
https://www.vegware.com/uk/
https://www.worldlandtrust.org/carbon-calculator/individual/
https://www.ecosia.org/
https://www.ecohosting.co.uk/

Advocacy

https://www.craftscotland.org/about/projects/green-crafts-initiative
A nationwide accreditation scheme designed to provide Scottish-based makers and craft organisations with the advice, support and the tools they need to become greener.

https://www.greenpeace.org.uk/
Together we defend the natural world and stand for a green and peaceful future.

https://foe.scot/campaign/climate-action/
Friends of the Earth Scotland campaigns for radical action to cut climate emissions and end fossil fuels here in Scotland, and demanding climate justice for all.

https://xrscotland.org/rebellion/
Extinction Rebellion – 'an international movement that uses non-violent civil disobedience in an attempt to halt mass extinction and minimise the risk of collapse.'

https://www.takeoneaction.org.uk/film/
Take One Action film library is an Edinburgh based resource covering a wide range of social concerns including the environment.

http://culturedeclares.org/
#CultureDeclaresEmergency Arts and Culture organisations and individuals declare a Climate and Ecological Emergency.

http://dothegreenthing.com/
Do The Green Thing is ‘a public service for the planet that uses creativity to tackle climate change‘.

http://invisibledust.com/
Invisible Dust works with leading artists and scientists to produce unique and exciting works of contemporary art and new scientific ideas exploring our environment and climate change.

https://craftivist-collective.com/
The Craftivist Collective is a collective, an inclusive group of people committed to using thoughtful, beautiful crafted works to help themselves and encourage others be the positive change they wish to see in the world.

https://www.climateemergency.uk/
Inspiring & organising action to respond to the climate and ecological emergency.

https://www.culturedeclares.org/
A growing international movement of individuals and organisations in the cultural sector declaring climate and ecological emergency. This means telling the truth, taking action and seeking justice.

https://ecoartscotland.net/
Ecoartscotland, editor Chris Fremantle, collates and emails writing on art and ecology.

https://350.org/
‘We’re an international movement of ordinary people working to end the age of fossil fuels and build a world of community-led renewable energy for all.’

https://www.ellenmacarthurfoundation.org/resources/learn/circular-design-toolkit
A toolkit to guide you through resources to apply circular design to your life

https://www.climatepsychologyalliance.org/scotland
https://www.climateassembly.scot

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Photo credits (all taken by Julian Davis, mostly in Fife, unless otherwise stated)

p1 / front - Demonstration, London, by Kevin Snyman, Pixabay;
p3 Storm waves crashing over harbour wall, & Marigold meadow (Yorkshire);
p4 Spring woodland, & Cracked Earth by Eveline de Bruin, Pixabay;
p5 Clematis seedheads & Damselfly;
p6 Raindrops on Scots Pine, Susan Davis, & Firefighter by Ted Erski, Pixabay;
p7 Tree canopy at Falkland Estate, Stefanie Cheong, & Chaffinch (Perthshire);
p8 Marbled White butterfly on Scabious flower & Catkins (Yorkshire);
p9 Opium Poppy;
p10 Field edge, & Copper Beech Leaf (Perthshire);
p11 Bluebell Wood, & Rowan berries (Perthshire);
p12 Frog, & New Orleans after Hurricane Katrina by David Mark, Pixabay;
p13 Snow on Scots Pine, Susan Davis, & Yellow Crocuses;
p14 Elephant Hawkmoth, & Bumblebee on Salvia (Yorkshire);
p15 Goldfinch;
p16 Northern Lights by Free-Photos, Pixabay;
p17 Bumblebee on rose, & ice crystals on window;
p18 Rosehip, & Bumblebees on Echinops flowers;
p19 Cephalaria flowers, & Rainbow detail, Diana Sykes;
p20 Honesty seedheads, & Sexton beetle;
p21 Agapanthus seedheads, & raindrops on Lady's Mantle;
p22 Hellebore flower, Susan Davis;
p23 Peacock butterfly, & Field Poppy;
p24 Osprey (Isle of Skye), & wild rabbit on machair (Isle of Skye);
p25 Fly Agaric toadstool;
p26 Full moon, & Earth by PIRO4D from Pixabay

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