



Sky's Sustainable Production Principles

We are committed to achieving net zero carbon by 2030,
because the world can't wait.



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We are committed to achieving net zero carbon by 2030, because the world can't wait.

In 2006, Sky became the first media company in the world to go carbon neutral. Since then, we have used the power of our voice to raise awareness and create positive change on the issues of environmental destruction in our rainforests and plastic pollution in our seas.

Now, we are taking on an even bigger challenge to become net zero carbon by 2030, two decades ahead of the UK government's target.

To get there, we'll cut the carbon emissions created by our business, by our suppliers across the world and by the use of our tech products, by at least 50%.

We'll plant trees, mangroves and seagrass to absorb what we can't cut...yet.

And we'll spread the word through our channels and programmes, inspiring as many people as we can to join us and #GoZero.

But we also need the programmes that we make to become net zero carbon too. That's where we need your help.

TV production in the UK currently over-indexes on greenhouse gas emissions. An average production for one-hour of content uses the same amount of carbon that it takes to run 3 average family homes for a year.

Over the next few pages, you'll find our Sustainable Production Principles that all original productions commissioned and produced by Sky and Sky Studios in the UK will comply with. Along with albert certification, this will support us on our journey towards net zero carbon.

The guidelines include information on producing sustainably, as well as a new 'Planet Test' that we will apply to all productions to see where, if possible, we can use the programme or the production of it, to create positive change and raise awareness of the climate crisis.

We will only affect real change by working together and so we are making these guidelines publicly available for everyone in the industry to use.



Gary Davey
CEO, Sky Studios
Exec Sponsor for Net Zero Carbon, Content

1. Our Sustainable Production Principles

Below are the sustainable production principles that will shape Sky's commissioning and production decision-making process, and we will work with all our producers to promote and implement:

-  **Work in partnership:** We prefer to work with producers and businesses who are aligned with our net zero carbon ambitions. That includes producers using third-party suppliers who are committed to net zero carbon.
-  **Plan and innovate:** TV and film production is one of the most innovative industries in the world. We will work with Heads of Production to provide guidance, find solutions and mitigate carbon emissions during production wherever possible – resulting in a 'Green Memo' for everyone in the production to follow.
-  **Measure and track:** From development stage, we will review each production's draft carbon footprint, complete an albert carbon action plan and track progress throughout production.
-  **Apply the Planet Test:** While there is an expectation that all productions will produce responsibly, there is no expectation that programmes must carry editorial to support the Sky Zero campaign. Instead we will apply a 'planet test' to see how the programme could create positive change and awareness in a variety of ways.
-  **Learn and share:** We know that we won't always get this right, but by continuously sharing learnings with the production community, we hope we can advocate for change across the industry. Together.

2. Sustainable Production Process

Here is the process that all Sky Original productions will follow:

1. Sky Studios/Sky share **sustainable production principles** at ideas stage
2. The **Planet Test opportunities** are discussed
3. Production provides **script** (if applicable) **and budget with relevant carbon action plan**
4. Sky Studios/Sky review
5. Production is greenlit
6. **albert certification and the Planet Test requirement will be included in the production agreement**
7. Production **issue Green Memo which will also be a deliverable under the production agreement**
8. Production works to implement **key sustainability standards and best practices**, engaging all cast and crew with the process
9. Production to include sustainability actions in the **regular progress reports** to Sky Studios/Sky
10. Production to **track and report** incremental sustainability costs and/or savings
11. Production **complete albert certification** process prior to delivery of final assets to Sky and include albert logo as required
12. Deliver albert certification and Planet Test outcome report to Sky Studios/Sky
13. Sky Studios/Sky **approval**
14. Debrief

3. Production Sustainability Checklist

Here are key points to consider throughout the lifecycle of each production. Please note that this is only a starting point and each production will have their own considerations in addition, based on their cast, crew, location and filming plans. Please apply these checks to your production, individual disciplines and editorial workings.

a. Overall sustainability management of a production:

- ✓ Establish a key owner for sustainability who will drive and deliver in line with albert and Sky Studios/Sky requirements
- ✓ Establish the support team and communicate requirements to the full production
- ✓ Make sure albert certification is planned and carbon tracking is done throughout the production process
- ✓ Appoint individuals and suppliers who are actively engaged with sustainability practices across the production
- ✓ Discuss marketing, publicity and social media elements for sustainability to support production
- ✓ Debrief at the end of production and communicate to Sky and production teams

b. Sustainability management throughout production stages:

Development	<ul style="list-style-type: none"> ✓ Review Sky's Sustainable Production Guidelines ✓ Consider all options, look at examples; think net zero carbon ✓ Apply the Planet Test ✓ Provide relevant editorial training to support writers and producers and engage them from the earliest stages of production ✓ Work with writers/editorial team to ensure unsustainable behaviours aren't unnecessarily supported on screen ✓ Discuss key talent opt-in to champion and support sustainability ✓ Start thinking about what can be done throughout production ✓ Build albert carbon action plan and draft carbon footprint into commissioning discussions ✓ Engage the department heads from early stages to start thinking in line with production sustainability requirements ✓ Align with Sky targets
Planning and Pre-production	<ul style="list-style-type: none"> ✓ Plan all that's possible with net zero carbon considerations ✓ Ensure production is signed up for albert certification; implement albert predicted carbon footprint and action plan ✓ Allow budget for carbon offsetting ✓ Consider opportunities to raise awareness of net zero carbon by applying the Planet Test ✓ Get Sky team's support as required ✓ Engage the right suppliers, asking for their green credentials and ideas they can bring to this production ✓ Check green-rider opt-in with all cast and crew ✓ Plan for sustainable: <ul style="list-style-type: none"> ○ travel and transport

	<ul style="list-style-type: none"> ○ materials, supplies, energy ○ catering and accommodation ✓ Sustainable production training for all relevant people; make everyone responsible ✓ Make construction 'benign by design' – easy to deconstruct for re-use or recycling ✓ Editorial teams to do virtual recces where possible ✓ Department heads to report on how they will support carbon reductions and albert certification ✓ Send a Green Memo to everyone outlining how the production will align with Sky's Sustainable Production Guidelines
Production	<ul style="list-style-type: none"> ✓ No single use plastics on set ✓ Use renewable energy ✓ Use green fuel and travel ✓ Minimise travel and avoid domestic flights ✓ Reuse, repurpose and recycle ✓ Apply the waste hierarchy and aim for zero waste to landfill ✓ Sustainable catering ✓ Employ local crew and choose accommodation close to set ✓ Ensure Green Memo is sent ✓ Opt-in required for any printing (incl. call-sheets, scripts) ✓ Consider opportunities to raise awareness of net zero carbon by applying the Planet Test
After production: De-commissioning to delivery	<ul style="list-style-type: none"> ✓ Review and store all reusable materials, scenery, props and costumes ✓ Re-purpose or donate all that's possible ✓ Recycle everything else ✓ Use preferred post-production facilities, that are powered by green-tariffs ✓ Remote post-production where possible ✓ Complete albert carbon calculator and certification ✓ Complete Planet Test outcome report – which you can also use with albert certification as evidence ✓ Offset any unavoidable emissions ✓ Debrief with production and editorial teams

Please share your learnings and knowledge at the end of each production to help us improve this checklist and support all future productions towards net zero carbon.

4. The Planet Test

As content makers, storytellers, broadcasters and platform owners, we believe it is our responsibility to use our voice to acknowledge and raise awareness of the environmental issues that affect us all, inspire and engage our 24m customers across Europe in these issues and the transition to ways of sustainable living.

For each new Sky Original commission and production in the UK, we will apply 'The Planet Test'. This test is a simple way for all of us to check if our productions raise awareness of the issues and show positive action. The Planet Test does not mean that every Sky Original must carry editorial activity to support the Sky Zero campaign. Rather, it's a simple test to see if it easily could.

By *actively* considering the environment in production, we hope we can create more change, more quickly. Here are the three checks that make up The Planet Test:

1. Raise the issues

Does the programme help the audience better understand the world around them and environmental issues?

This could be one of the following categories:

1. **Climate impact** (on natural world or human society, e.g. warmer winters, floods)
2. **Food** (Strain on land/water/food, vegetarian/vegan eating, food-waste)
3. **Waste** (plastic, landfills, disposable culture, recycling, reusables)
4. **Nature** (loss of species and habitats, conservation, responsible tourism)
5. **Energy and resources** (right use of transport, energy, materials)
6. **Action** (discrimination, political issues, action groups, demonstrations)

2. Show the actions

Does the programme show positive actions that support the UN's Good Life Goals?

1. **Eat well** (eat sustainable, buy local, waste less)
2. **Travel better** (walk, cycle, use public transport, drive hybrid cars, reduce flights)
3. **Buy better** (reduce consumption – friends/experiences rather than 'things'; share, reuse, repair, recycle)
4. **Be resourceful** (report/fix leaks, save water, save energy, wash less/shorter cycles, switch to renewable energy)
5. **Waste less** (reduce, reuse, recycle; no to plastic)
6. **Love nature** (protect trees, wildlife, natural space)

3. Around content

How could the production engage viewers outside of the programme?

1. **End card** on programmes to inform viewers of the programme's sustainability credentials, above and beyond albert certification.
2. **Talent messaging** during production, where appropriate, to reach new audiences and raise awareness of environmental issues.
3. **Publicity and sharing learnings** when publicising the show for TX, consider raising awareness of how the show was produced sustainably, including what was successful and what was a challenge – this includes sharing learnings with the industry too.

A note to Consider for the Planet Test:

Headlines of Global Action Plan's research on this

<https://variety.com/2020/film/global/richard-curtis-rts-environment-1234758054/>

Research conducted by Global Action Plan reveals that 77% of young people in the U.K. would like to see environmental issues included in drama programs, and 76% worry that environmental issues are lacking TV exposure since the onset of coronavirus. The young people also want to see environmental issues included more in dramas (59%), comedies (57%) and entertainment programs (57%). When looking into specific environmental issues, the most pressing for young people are in protecting wildlife (87%) and ending plastic pollution (84%), according to the youth focused study conducted this summer.

5. Suppliers

We expect all our productions to work with suppliers that care about sustainability and have set their path to carbon-zero. We encourage working with those who think and foster innovation to support sustainability.

Here is an example of a supplier sustainability memo that you can use as guidance to engage your suppliers with your production sustainability goals.

[Sky has committed to becoming net zero carbon by 2030, because the world can't wait.] OR
[*Production Name* are committed to improving sustainability on our productions.]

As a production for [Sky], we're aiming to achieve **albert** sustainable production certification and reduce our carbon footprint wherever possible.

We are looking to work with suppliers who share [Sky's] commitment to sustainability. Please send us your environmental policy, let us know if you have made any measurable commitments to carbon reduction and if so, what you are doing now and what you plan to do in the future.

We would also like you to provide any data requested for the purpose of carbon calculation and albert certification on the production, including emissions data for your services. Wherever possible, choose low/zero emission options (e.g. for deliveries).

In the future [Sky] will be factoring in sustainability criteria when choosing regular suppliers and want to encourage preferred suppliers to join them on a path to sustainable production and net zero.

If you have any questions, please contact: [email address]

With thanks...

We will continue to work with albert and Sky Procurement to collate a key suppliers list for various categories. Please do not hesitate to ask for Sky Production Procurement team's support at any stage.

6. Green Memo

Sky Studios require all productions to issue a Green Memo to all cast and crew. This will be a part of the production deliverable requirements as part of the production agreement.

We recommend this is tailored as necessary for your production, to fit the culture of your company and make it easy for everyone to understand and contribute!

[Programme Name Green Memo]

From:

To:

Sky has committed to becoming net zero carbon by 2030, because the world can't wait. As a production for Sky, we are aiming to achieve **albert** sustainable production certification and we've calculated our predicted carbon footprint to understand how we can make this show the greenest it can be.

The environmental issues facing us and our planet can be overwhelming, but it is truly motivating to discover how much difference we can make collectively. No matter where you are on your journey, there is a positive step you can make. Have a look at some inspiring case studies [here](#).

Our draft carbon footprint shows us that...

We will take time to apply key sustainability standards throughout the production process, particularly on [these key areas our draft footprint shows we can make the most impact] to ensure our final footprint is as low as we can make it. Working with you all, we will look to find the best options and solutions in all areas.

We will ask each department to keep a record of their waste management, energy used and any information on suppliers and their backgrounds, and to send these to <name, email>. At the end of the production we will quantify the positive difference we have made together and share the results of all our efforts. Then we hope you'll join us in passing on our experiences to other producers and productions. Continual learning and sharing can help transform our industry into a regenerative one which not only leaves no footprint but has a positive impact on the environment.

Let's work together to reimagine and reinvent.

7. Key Sustainability Standards

Below are our key sustainability standards that we recommend you add to your green memo for everyone's responsibility:



Training & Awareness: Getting our facts straight

- ✓ **Sustainable production training** for everyone at the beginning of each production
- ✓ Distribute production's **Green Memo** to all
- ✓ Provide **frequent checkpoints** and **updates** throughout production



Travel & Transport: Cleaner air

- ✓ Take **public transport** where possible. Think **car-share** or **carpool** where not possible and it is COVID-safe to do so
- ✓ No **domestic plane travel** in England and Wales. Reduce international flights where possible
- ✓ Use **video conferencing** rather than travelling to meetings
- ✓ Hire **electric rental cars** for those doing high mileage
- ✓ Insist on **'no idling'** for all vehicles on production
- ✓ Use **green taxis** and **couriers**
- ✓ Use **bicycle couriers** for shorter deliveries



Energy & Fuel: Making the most of the good stuff

- ✓ Source **power from the grid** where possible
- ✓ Use **hybrid or electric generator** or **electric power stack** where not
- ✓ Replace diesel with **biofuels made from waste material** for generators & plant where electric isn't an option
- ✓ Use **LED lighting** on and off set where possible
- ✓ Use **rechargeable batteries**
- ✓ Switch off vehicles, lights and **appliances when not in use** and don't leave devices on charge overnight



Reuse Repurpose Recycle: Keep it in use...

- ✓ Source **second hand, pass on assets** you no longer need and always check Sky's Procurement Hub for recommended, sustainable and approved suppliers
- ✓ Pledge to reduce **personal waste** (e.g. food packaging waste, coffee cups, etc) and waste generated in your role within the production



... and out of landfill: Waste Management

- ✓ Cut **departmental waste**, avoid single use plastics (please see Sky's single use plastic policy in the appendix) and look for packaging free options
- ✓ Use the clearly signed **recycling & compost bins** in all work areas including set and unit bases
- ✓ Hire skips only when absolutely necessary, and only from suppliers who **recycle and provide data**
- ✓ Obtain **recycling reports** from all disposal companies and submit to senior production representative as advised by your production



Catering, Coffee & Water: Consume consciously

- ✓ **Pre-order** all catering, coffee and water in line with production's set up
- ✓ **Avoid single use plastics:** bring your own reusable water bottles, coffee cups, food containers and cutlery and encourage everyone to do the same
- ✓ Any leftover food to be **donated locally**
- ✓ Ensure food waste is placed in the **dedicated bin**



Sustainable Materials: Avoiding hidden habitat destruction

- ✓ New stuff has a high carbon footprint. Reduce our impact by using existing materials, **recycled** content and **renewable** sources where you can't reuse or repurpose
- ✓ Go paperless where possible, an **'opt in' policy for printing is in operation**
- ✓ If you need to always print **double sided**
- ✓ Source from **local suppliers** rather than shipping from far afield



Suppliers: Lead and advocate change (please see section 6 for further details)

- ✓ Send your suppliers a **Suppliers Sustainability Memo**
- ✓ Factor in green credentials when awarding contracts
- ✓ Check Sky's Procurement Hub, albert's [Green Suppliers list](#) and the [Green Providers Directory](#)

You can find further information and recommendations for different production departments in the appendix

8. Further resources

Here are some useful links/documents to support you throughout the production process:

[Sky Zero](#)

[albert](#)

- [Search suppliers](#)
- [Planet Placement](#)

[BITC Net zero carbon jargon buster](#)

[Production Managers Association - Greenwing](#)

[The Royal Society - Climate Change in 60 seconds](#)

[BECTU Camera Branch: Working Sustainably Within Camera](#)

...and some sustainable production resources that we like:

[Sky Production Services](#)

[Universal Production Services](#)

[The Costume Directory](#)

Please share your recommendations for us to add to our list.

9. Appendix

a. Specific Departmental Considerations

- i. Production
- ii. Accounts
- iii. Art department, construction
- iv. Assistant directors
- v. Camera, lighting grip and sound
- vi. Catering
- vii. Costume
- viii. Facilities
- ix. Hair & Make-up
- x. Locations
- xi. Post-production
- xii. Publicity and marketing
- xiii. SFX

b. Production guidance for single use plastic

a. Specific Departmental Considerations

i. Production

Use your predicted albert footprint and data from previous series to **set goals to reduce your greenhouse gas footprint**. Assign a senior person (e.g. HoP, PE, Producer) **accountable for implementing** agreed goals.

Communicate your goals to cast & crew in your green memo (see section 6) and **assign** sustainability champions in each area to keep you on track. Encourage everyone to share ideas to help their department achieve these goals for the whole production.

Essential:

- ✓ Ask your PE whether electricity is renewable for pre-, production and post-. If not, sign up for a renewable energy supply if within your control. Your PE can support you to advocate the studio/building switch to a renewable contract.
- ✓ On location:
 - Source power from the grid where possible, otherwise use a [hybrid or electric generator](#) or [electric power stack](#). Request that the supply is renewable
 - Where electric isn't an option replace diesel with [biofuel](#) for generators & plant hire
 - Do not use space heaters, minimise aircon
 - Use stock or archive footage to limit aerial shoots, or choose drones where possible
- ✓ Work with relevant Producers, Directors & HoDs to incorporate sustainable behaviours on screen
- ✓ Hold regular sustainability meetings with HoDs to review best practice
- ✓ Cut your travel footprint
 - Reduce air travel by using alternatives such as trains, buses and video conferencing
 - Hire crew and kit locally wherever possible
 - Hire [electric rental cars](#) for those doing high mileage
 - Hire [electric or hybrid](#) options for unit drivers
 - Insist on "no idling" for all and any vehicles on the production
 - Require staff and crew to use public transportation or carpool
 - Use [green taxis](#) and [couriers](#). Use bicycle couriers for shorter deliveries
 - Choose hotels with renewable energy and a clearly stated and implemented environmental targets
 - Choose accommodation close to location/transport to reduce the requirement for vehicle hire
- ✓ Buying – operate a 'hire first' approach
 - Talk to suppliers including your studios/office about their environmental policy and green products & services, have them supply emissions data for their services at the same time as getting quotes, and send them our Suppliers Sustainability Memo

- Hire Caterers who provide seasonal ethically sourced local ingredients and tasty plant-rich options, who use crockery or compostables and who donate leftovers to local foodbanks/charities. Incorporate this into your catering contract. Provide them with accurate daily headcounts to avoid waste
- Eliminate single use plastic & polystyrene including water bottles, sachets, cutlery, coffee cups, and provide water dispensers or tap water in the office, on set and at base including during prep and build/dress. Ask all cast and crew, dailies and supporting artists to bring their own refillable bottles
- Make sure all purchases e.g office, cleaning supplies, are **recycled or environmentally certified** and [can be recycled](#) at end of life. Only buy what you need and products with reduced/no packaging
- Purchase from local businesses to support the community and cut down on emissions from delivery, and ask them about emissions-free deliveries
- Choose environmentally friendly crew gifts, e.g. vouchers, donations, certified organic clothing or reusable water bottles
- ✓ If not provided by the location, adopt a zero-waste to landfill policy and set up recycling & compost bins in all work areas with clear signage. Ensure a strong recycling approach is applied throughout the production and that all selected waste contractors divert waste from landfill.

Go further:

- ✓ Offer perks for cast/crew to reduce flying, offer train options wherever possible, see [here](#)
- ✓ Ask cast, crew and suppliers for feedback on sustainable production initiatives
- ✓ Include relevant reminders on readthrough invites, call sheet emails, memos etc
- ✓ Consider using an [emission-free shipping company](#)
- ✓ Donate items that are no longer needed to a vetted local organization or another production – e.g. to [Greenshoot](#)
- ✓ Implement an opt-in policy for all paperwork. Use digital distribution for start paperwork, scripts and call sheets. If printing is required, print only the pages needed, set all printers to default to double sided. All paper should be 100% recycled or FSC certified, as per [Sky's wood and paper purchasing policy](#).

ii. [Accounts](#)

- ✓ Gather financial information on the savings or costs of sustainability initiatives
- ✓ Tag and track relevant materials for albert greenhouse gas footprint calculation
- ✓ Audit supplier use and only use suppliers who have been vetted as a responsible business
- ✓ Insist on using digital purchase orders and start paperwork
- ✓ Reduce printing by only printing when necessary and by printing double sided. Set all printers to default to double sided printing. All paper should be 100% recycled or FSC certified, as per [Sky's wood and paper purchasing policy](#)
- ✓ Recycle paper and ink cartridges.

iii. [Art Department, Construction, Props](#)

Use materials responsibly – take a ‘hire-first’ approach, then reuse, repurpose, recycle. When no longer needed on the production, **pass on, donate or sell your assets** - sets, materials, props and greens.

Send your suppliers a [Suppliers Sustainability Memo](#) & factor in green credentials when awarding contracts (see [Suppliers](#) section)

Design & Construction

- ✓ As the first port of call, use existing sets or recycled materials from another production. Suggested suppliers for sourcing and donating assets:
 - [CAMA](#) – storage plus asset management software to help you find, relocate and categorise sets and props for further storage, reuse or recycling
 - [Set Exchange](#) – freecycle website for materials
 - [Green Clover](#) – sustainable scenic recycling
 - [Reuse](#) – network for donating and sourcing furniture and appliances
 - [Stockyard](#) – for prop, set and scenery rentals
- ✓ When you need to start from scratch, design for deconstruction:
 - Ensure your materials are recyclable and can be fully separated to be recycled
 - Use construction and design materials that are made from recycled or renewable resources. All wood must be FSC certified. *More sustainable wood options are bamboo and farmed maple or birch*
 - Use alternatives to wood for structural support, e.g. steel scaffolding, shipping containers
 - Avoid any materials that can't be recycled, repurposed or re-homed
 - Check the [ldemat app](#) to understand materials' greenhouse gas footprint and environmental impact
- ✓ Use low or no-VOC paints, stains, finishes and adhesives and use leftover paint as a primer
- ✓ Minimise waste from your workflow; where skips are needed, use a supplier that will help you separate waste for recycling and provide waste transfer notes that prove your waste has been recycled.

Set Decoration / Props / Greens

- ✓ Incorporate sustainable behaviours on screen, e.g., reusable water bottles & bags and electric action vehicles
- ✓ Rent and source second-hand items; choose sustainably produced products for anything new
- ✓ At exterior locations, respect and preserve the local environment - do not disturb existing flora or fauna or introduce foreign plant species
- ✓ On completion of an activity, re-instate the area to its former condition or better, such as replanting, reseeding, alleviation of ground compaction, reinstatement of footpaths

- ✓ Rent greens where possible, and/or buy organically grown live plants in peat-free compost. Compost any green waste.

iv. Assistant Directors

- ✓ Send your green memo to your extras agency to share with all extras
- ✓ Include green tips on call sheets and add reminders of public transport routes to the location and for people to bring reusable cups & water bottles
- ✓ Champion these Sustainable Production Standards and Practices at on-set briefings
- ✓ Ensure extras holding area has been provided water coolers and recycling bins.

v. Camera, Lighting, Grip & Sound

- ✓ Use [hybrid or electric generator](#) or [electric powerstack](#)
- ✓ Use LED lighting everywhere possible, including work lights. Ask your PE how [NBCU](#) can help if you don't have a preferred supplier
- ✓ Switch off when not in use, including after any pre-light. Save power by dimming between takes and don't leave devices on charge or on standby overnight
- ✓ Shoot digitally instead of on film
- ✓ If shooting on film, choose a green lab and ask to see their environmental policy
- ✓ Use [rechargeable batteries](#)
- ✓ Avoid any adhesives that leave a residue (gaffer tape, camera tape) and choose safe alternatives like eco gaffer tape or non-plastic eco tape
- ✓ Recycle batteries, plastic lighting gels and any other waste
- ✓ Reduce usage and waste of consumables, and donate unused consumables.

vi. Catering

- ✓ Obtain as accurate a headcount as possible and operate a pre-ordering system, which is proven to reduce food waste
- ✓ Serve seasonal, local, organic and/or sustainably grown food and drinks, avoiding any red-rated fish and keeping red meat to a minimum. Flip the Menu to list plant-rich meals first and list food provenance. Find tips for your caterers [here](#)
- ✓ Commit to low/no landfill
- ✓ Donate all edible leftover food locally. Send compostable waste for composting or energy generation
- ✓ No single use plastics/polystyrene. Choose reusable or compostable crockery & cutlery, water jugs and refillable bottles. Provide water stations using large dispensers near set and at base
- ✓ Ensure recycling bins are clearly marked with instructions and communicate key messages about disposal to cast & crew.

vii. Costume

Essential:

- ✓ Rent and source second-hand wherever possible – avoid fast fashion. Use [The Costume Directory](#) for anything you need to know about sustainable costume sourcing
- ✓ Use reusable coat hangers, shopping and garment bags
- ✓ Reduce washing and when washing, set the machine temperature low, use filters, e.g. [Guppyfriend](#), to stop synthetic microfibres entering the water stream
- ✓ Pass on costumes & materials to other productions or local charities at the end of production.

Go further:

- ✓ Avoid dry cleaning when possible and, when required, use a non-toxic environmentally friendly dry-cleaner
- ✓ Choose naturally dyed fabrics and check the sustainable credentials of labels (Fair-Trade and Organic, EU ECO-label, or Cradle to Cradle)
- ✓ Use biodegradable detergents. When aging and dyeing, choose biodegradable products, and boxed washing powder instead of plastic.

viii. Facilities

- ✓ Ensure heating / aircon is switched off in unused trailers and doors are kept shut
- ✓ Ask all facility providers to disclose their plans to become net zero carbon and ensure they're using the lowest emission fuel available to deliver to site; monitor suppliers' compliance with the contract to ensure your environmental requirements are being met
- ✓ Ensure clearly labelled recycling bins are in all facilities
- ✓ See notes below about [power at base](#).

ix. Hair & Make Up

- ✓ Purchase products that can be refilled and look for products with recyclable or biodegradable packaging
- ✓ Avoid using wet wipes by using reusable warm flannels and hot towel cabbies, and only use biodegradable wet wipes when required
- ✓ Use cruelty-free, non-toxic and organic products
- ✓ Avoid the use of ozone-depleting aerosols and petroleum based synthetic chemicals (mineral oil, sulphates, etc)
- ✓ For prosthetics, use cruelty-free, non-toxic products and adhesives.

x. Locations

- ✓ Secure access to mains power wherever possible at unit base

- Check out Film London pilot to expand renewable mains access, [The Grid Project](#)
- ✓ Protect and preserve all locations. On wrap make a clean sweep of the area to ensure that nothing is left behind including equipment, rubbish and signage.
 - Make all signs out of recycled and recyclable materials, and only hang signs in the immediate vicinity (saving journeys)
 - Use string to hang signs. NEVER use plastic, staples, drawing pins or tape to hang signs as they severely damage trees;
 - Use locations protection material made from recycled material and/or reusable mats and protectors
- ✓ Energy efficiency is key to cutting carbon – and spend!
 - Use [hybrid or electric generator](#) or [electric powerstack](#)
 - Replace diesel with [biofuel](#) for generators & plant hire where electric isn't an option
 - Use one generator for as many teams as possible rather than multiple generators
 - Use mobile batteries and solar power wherever possible
 - Use electric gators in place of combustion ones
 - Use energy efficient HVAC units (heating, ventilation, air conditioning)
- ✓ Clever travel planning:
 - Select unit bases and parking areas that are as close as possible to set
 - Include public transport information on movement orders
 - Use electric or hybrid vehicles
- ✓ Provide tap water on set and at base either by access to mains water or via [portable refill stations](#) including during prep and build/dress
- ✓ Engage a sustainable waste management company (e.g. [Noble Waste](#), [Hazgreen](#), [Location One](#), [Bio Collectors](#)) for waste & recycling, including compostables
 - Set up recycling & compost bins in all work areas including catering on set & unit bases, with clear signage. Always make sure there are enough bins for each area
 - Ensure recyclables and compostables are collected at each location and request recycling reports.

xi. [Post-Production](#)

- ✓ Insist your chosen Post House sources power from renewables wherever possible, and takes measurable steps to improve energy efficiency
- ✓ Choose a Post House offering remote services such as editing from home and remote viewings
- ✓ Use Source Connect for automated dialogue replacement (ADR) and voice over (VO) and video conferencing for meetings
- ✓ When you need to travel
 - Take trains over cars
 - No domestic air travel in England and Wales and reduce the amount of international flights where possible

- Send staff to viewings via public transport not taxi
- Use green taxi firms to bring talent to VO/ADR if domestic
- ✓ [Use bicycle couriers for shorter inter-city deliveries](#)
- ✓ Archive rushes to LTO for longevity not Lacie/ G-Drives, to free up drives for re-use and store in safest, most efficient manner
- ✓ Use [100% recycled or FSC certified paper](#) and print double-sided when you do need to print
- ✓ Normalise scripts being reviewed digitally not printed out
- ✓ [Identify local sustainable food and drink suppliers](#)
- ✓ Appoint a Post Sustainability Champion to keep energy and waste reduction front of mind and refer to [purchasing guidelines](#)

xii. [Publicity / Marketing](#)

- ✓ Find out if any of the talent are passionate about environmental issues
- ✓ Capture green behaviours on screen and behind the scenes in talent content
 - Include questions around sustainability in all press and marketing interviews
 - Ensure social media assets tell the sustainability stories too
 - Encourage crew members to provide content for stories they want to shout about
- ✓ Everyone on this production has been invited and encouraged to help make it more sustainable – you may find some unexpected stories 😊
- ✓ **Share your stories back to the Production Company and the Broadcaster**

xiii. [SFX](#)

Essential:

- ✓ Assess what can be achieved in post/VFX houses and avoid 'real world' SFX where possible
- ✓ Protect the environment before an effect and clean up afterwards, with clean up equipment and spill kit on hand at all times
- ✓ Use propane rather than liquid fuel for fire effects where available
- ✓ Use water-based smoke fluids and consider VFX smoke where possible
- ✓ Use biodegradable artificial snow products, confetti and streamers
- ✓ Recycle unused materials.

Go further:

- ✓ Request a development budget to test sustainable alternatives to the usual products prior to production starting.

b. How to remove single-use plastic from productions

We launched Sky Ocean Rescue in 2017 to make people aware of plastic pollution and give everyone easy ways to take action every day. This simple guide is based on what we've learnt so far, to show you solutions you can apply in your production for Sky. It will help you reduce unnecessary plastic waste and normalise reusable alternatives on and off-screen.

What is single-use plastic? Read our [single-use plastic policy](#) for clear definitions and guidance.

Planning

- Include information about how you're eliminating single-use plastics in your green memo
- Engage your Directors, teams, contractors and suppliers – they may have additional ideas and suggestions, and our experience suggests you'll inspire further positive action
- **Single-use plastic & Covid-19**
 - Our policy exempts any single-use plastic required for health & safety reasons. This applies to single-use PPE listed in the Sky Studios Covid-19 Group Production Safety Principles and certain items used by e.g. make-up departments
 - Our procurement team are testing responsibly produced reusable PPE options; please liaise with the Sky Studios Covid team for the latest updates and availability
 - **[Re-usable containers and food service items are safe to use, with appropriate safety processes and standard food hygiene procedures in place.](#)**

During Production:

- Distribute Sky reusable water bottles and reusable travel mugs to all cast and crew who don't already have their own – ensure there are water stations to refill
- Provide reusable ceramic crockery and metal cutlery
- Have appropriate, clearly labelled, recycling facilities on site, including for food waste
- If there is no reusable option, ensure any single-use items are from sustainably sourced materials (e.g. wood or paper items are FSC certified) and/or recyclable AND your waste contractor *can* recycle them
- Consider single-use plastic in set other construction - opt for scaffolding and construction materials that can be reused and recycled (which will save CO₂ as well)
- Use printed fabric instead of vinyl backdrops.

On-Screen:

- Use glasses or reusable bottles for water instead of plastic bottles
- Avoid plastic straws, disposable cutlery, bags and coffee cups; find reusable alternatives
- Replace single-props with reusable items – enabling audiences to also see changes.

Key Watch-outs:

- Be aware of what the public can see on site, when filming and in PR shots
- 'Bioplastics' are sadly not the solution right now. [Here's why in the UK](#); [shorter, US version here](#). *Only use compostable plastics if your waste contractor confirms they have the facilities to compost them*
- Check through content filmed by third parties, it may contradict the guidance we follow.

Resources and support:

- Ask your Production Executive for an early conversation about sustainability - Sky can discuss the opportunities to cut your environmental impact and achieve albert certification for your end credits
- Find more info, including case studies, on sustainable production at www.wearealbert.org
- Tell BiggerPicture@sky.uk about extra solutions we should add to this document, or single-use plastics you can't find an alternative for on set so we can better understand our remaining challenge areas.

Quick Swaps

Wardrobe & Makeup:

Coat hangers	Robust, reusable coat hangers
Wet wipes & cotton pads	Warm flannels & reusable cotton pads
Garment bags	Reusable garment bags
Plastic cotton buds	Paper cotton buds
Single-use make-up sponges	Reusable make-up sponges
Makeup containers	Reusable or non-plastic makeup containers
Wardrobe accessories	Reusable or non-plastic wardrobe accessories
Microplastic-containing makeup	Non-microplastic makeup

Coming soon: *Sky sustainable make-up guide*

Set & Technical:

Cable ties	Re-usable ties e.g. rubber or velcro (can be collected and stuck back together in rolls) or releasable cable ties
Battery packs	Rechargeable battery packs
Gels and filters	Glass filters, dichromic glass filters
Set construction	Wood, brick, wooden crates, corrugated iron, recycled set materials, steel, printing patterns fabric (e.g. Masterchef Germany brick backdrop)
Plastic overshoes	Reusable overshoes
CDs/DVDs	Electronic viewing of rushes instead of burning disks
Polyboards	Talk to us about trialling an alternative on your production
Gaffer / Duct tape	Have you found a non-plastic or recyclable alternative?
Electrical tape	Avoid PVC tapes. Have you found a more sustainable solution?

Catering & Cleaning:

Single-use plastic food containers on-screen	Glass jars, non-plastic containers on screen
Single-use plastic water bottles	Reusable water bottles
Coffee cups	Reusable coffee cups
Beverages	Water and soda from a beverage dispenser, aluminium cans
Sachets e.g. coffee/ketchup	Squeezy bottles, jars - avoid individually portioned items
Snacks & sweets	Buy wholesale and put into dispensers - avoid individually portioned items.
Polystyrene food containers	Ceramic crockery
Plastic cutlery	Metal cutlery
Sandwich packaging	Beeswax food wraps, reusable trays with recyclable greaseproof paper
Cleaning products	Refillable bottles & cleaning cloths
Sanitizers including wipes	Refillable bottles & FSC or recycled paper towel
Single-use sponges	Re-usable sponges
Bin liners	Consider no liner in small bins for dry waste that are frequently emptied and recycled plastic bin bags for moist waste

Want to go further? [Use our Business Transformation Guide to eliminate the single-use plastic across your organisation.](#)