



Contract Fabric Experts  
Guide to Sustainability in Fabrics

# Guide to **Sustainability** in fabrics



[panaz.com](https://panaz.com)

# Guide to **Sustainability** in fabrics

OUR 5 KEY AREAS TO FOCUS ON

04

**CLIMATE CHANGE**

06

**BIODIVERSITY LOSS**

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**POLLUTION**

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**DEFORESTATION**

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**WATER SCARCITY**

## Introduction

This guide is for anyone involved with the selection of fabrics for commercial interior design schemes.

It offers tips and advice to ensure a sustainable approach in fabric selection and showcases Panaz' commitment and tangible actions to help protect our planet.

**Small steps can make a big difference if the whole community comes together.**

# Pathway To Sustainability



**Founded 1985**  
Spring Mill, Fence,  
Lancashire



**1985**

Panaz were the first to introduce dry printing methods in the textile industry, meaning no harmful chemicals or water waste.



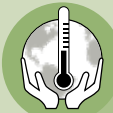
**2008**

Panaz ShieldPlus™ revolutionised antimicrobial protection for fabric. A non-toxic, water based, non-depleting and non-leaching solution with no harmful chemicals.



**Compliance**

Extensive testing to ensure our fabrics, are free from harmful chemicals. Compliance includes Red List, REACH and PFAS Free.



**2019**

Panaz developed EcoTWILL™, the industry's first, 100% recycled, contract quality, polyester laminated basecloth suitable for print. Woven in England, with yarns manufactured from recycled plastic, each metre of EcoTWILL™ repurposes dozens of 500ml plastic bottles.



**2021**

Panaz partner with Ribble River Trust. One tree sapling planted for every 200 metres of Panaz fabric sold.



**2021**

Introduced bee hives to support the local ecosystem. Our bees enhance biodiversity.



**2022**

Our solar panels are harnessing energy from the sun to create the power we need to run our offices and warehousing and printing facility.



**2023**

Installation of EV charging for our colleagues and customers. Our company car policy - we will have moved away from fossil fuels by 2025



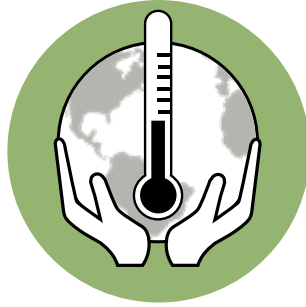
**Transport and Suppliers**

We partner with companies that are committed to sustainability. Choosing local companies that are environmentally responsible.



**2024**

Panaz awarded ISO 14001 Sustainability Accreditation. The internationally recognised standard for environmental management systems.



# Climate Change

Probably the most talked about and possibly the most detrimental to our planet, climate change initiatives include renewable energy sources and energy efficient measures.

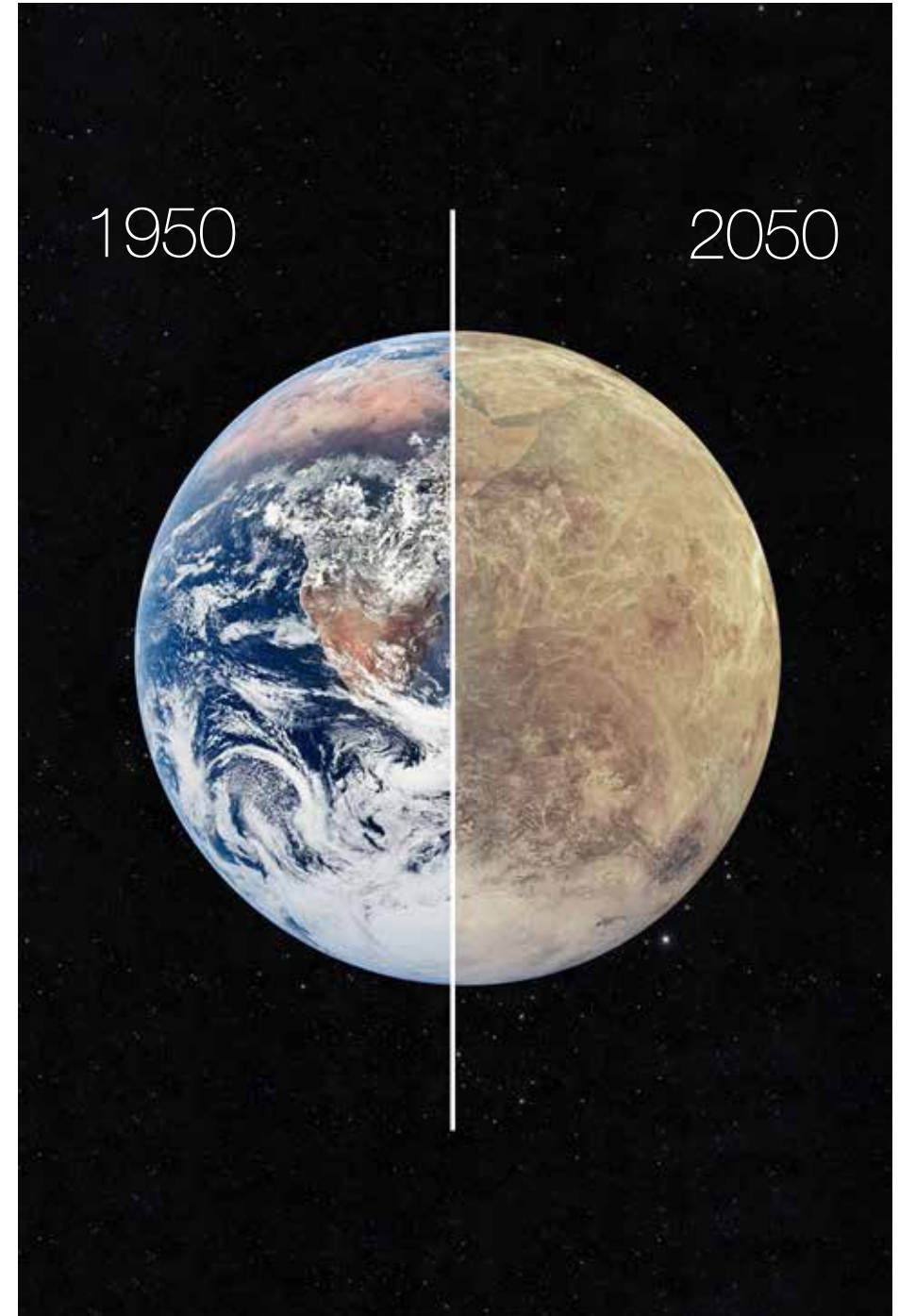
- **Reuse** and if not recycle.
- **Recycling** – Look for products made from recycled materials such as Panaz' Eco Twist. Look for suppliers like Panaz that offer a product **Take Back** recycling service.
- Consider **Solar Panels**, Panaz have Solar panels to power their operation.
- **EV's** – Panaz are transitioning their company car fleet to EV vehicles.
- **Lighting** – Panaz implemented changes such as motion sensor light switches, energy saving light bulbs.
- **Supply route** – choose local suppliers, limit overseas transport.
- **Audit** – awareness Scope 1 (buildings), Scope 2 (water), Scope 3 (supply chain).



## Tips and Advice for a Greener Business

Check if you're eligible for funding assistance to go greener.  
(current funding period ends March 2025)

[gov.uk/guidance/find-funding-to-help-your-business-become-greener](https://www.gov.uk/guidance/find-funding-to-help-your-business-become-greener)





## Biodiversity Loss

It is surprisingly easy to make a difference. Panaz recently introduced 3 bee hives to their HQ and planted “Bee friendly” flowers creating a new eco system. Simply planting “Bee friendly” flowers in gardens or window boxes helps support wildlife and protect habitats.

### Best plants for attracting bees

#### **Lavender, Alliums, Buddleia and Catmint -**

Bees love the colour purple as they can see this colour more easily.

#### **Foxgloves, Honeysuckle, Penstemons and Snapdragons -**

Tubular shaped flowers are an important source of food for long-tongued bees such as the garden bumblebee.

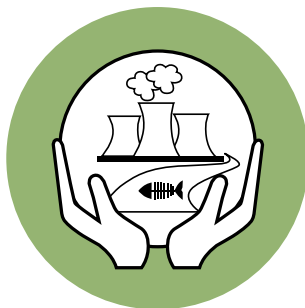


#### **Tips and Advice for a Greener Business**

Attract bees by planting a variety of plants and flowers.

[gardenersworld.com/plants/plants-for-bees/](https://www.gardenersworld.com/plants/plants-for-bees/)  
[panaz.com/about-sustainability](https://www.panaz.com/about-sustainability)





## Pollution

Manufacturers have the potential to be the biggest polluters, so it is important to look for suppliers that use chemical free processes, such as Panaz' dry printing technique or Panaz' chemical free anti-microbial solution. Identify suppliers that not only "tick the box" in terms of compliance but also comply with ISO 14001, which ensures businesses continually improve their environmental performance. [iso.org/standard/60857](https://www.iso.org/standard/60857)



### A Few Tips for Fabric Selection

Production and printing processes – ask your suppliers for their compliance credentials.

FR treatment – try to avoid topical aftermarket FR treatments these can leach into the environment. Look for chemical free and halogen free, or Trevira yarns.

Stain resist – look for PFAS free options that do not compromise on performance.

Antimicrobial treatments – many contain heavy metals and leach into the environment, look for water-based treatments that remain on the fabric like Panaz' Shieldplus™.

[trevira.de/en/filaments/flame-retardant-yarns](https://www.trevira.de/en/filaments/flame-retardant-yarns)  
[panaz.com/innovation/shieldplus](https://www.panaz.com/innovation/shieldplus)





# Deforestation

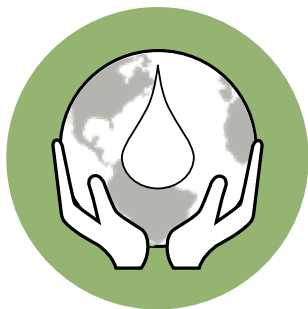
Go paperless! Ensure recycling points in multiple locations, use recycled paper and source only from certified sustainable forestry, simple but effective measures in place at Panaz.

Look out for initiatives that support habitats for example Panaz support Ribble Rivers Trust, by planting tree saplings each time they sell 200 metres of fabric. [ribbletrust.org.uk](http://ribbletrust.org.uk)



## Tips and Advice for a Greener Business

Visit [tree-nation.com](http://tree-nation.com) to reforest the world and [panaz.com/about-sustainability](http://panaz.com/about-sustainability)



## Water Scarcity

Our “blue planet” is made up of 3% freshwater (and much of that is stored in the polar ice caps) and the rest is salt water. According to the [worldcounts.com](http://worldcounts.com) if we carry on doing what we do today we will run out of freshwater by 2040.

The textile industry has always been known to consume large amounts of water, which is used as part of the printing process. Unlike others Panaz use dry ink printing techniques, no wasted water. Other simple initiatives include, dual flush toilets, low flow taps and harvesting rainwater for our garden.



### Tips and Advice for a Greener Business

Visit [worldcounts.com](http://worldcounts.com) to discover more about global environmental challenges.





# Some simple steps to adopt at home and at work

Use energy efficient lighting such as LED.

Consider dimmer switches and sensor driven lights.

Introduce low flow taps or taps with flow limiters.

Install dual flush and low flush toilets.

Avoid leaving taps running eg. when brushing teeth.

Plant bee friendly flowers eg Lavender and foxgloves.

Participate in tree planting initiatives in your local community.

Make educated choices, choose products that use environmentally friendly chemicals and companies that comply with ISO 14001.

**Small steps can make a big difference if  
the whole community comes together.**

The logo for Panaz, featuring the word "Panaz" in a white, cursive, handwritten-style font with a registered trademark symbol (®) to the upper right of the letter 'z'.

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