

Textile Supply Chain 10 steps to go Green

Farming → Ginning → Spinning → Knitting → Dyeing → Finishing → Cutting → Sewing → Packaging → Shipping

1 Go Organic

EarthPositive® is a 100% organic product produced under the Global Organic Textile Standard (GOTS) certified by Control Union and The Soil Association.

The certification encompasses the farming, production and distribution, ensuring full traceability of every product.

EarthPositive® is free from genetically modified organisms.

Licence no. DK 19090



2 Reduce Cotton Waste

Only 20% of the original cotton mass is used in the final product. Therefore it is very important to find uses for what is considered waste, such as:

1. After **ginning** (separation of cotton lint & seed) much of the cotton seed can be used to make cotton seed oil and food for cattle
2. During the **spinning** process. The shorter cotton fibres are separated and used to make lower quality textiles
3. All leftovers from the **cutting/dyeing** stage are used for rope or second quality clothes production

3 Switch to Green Energy

The primary energy source for Earth Positive is 30 wind turbines that turn wind power into clean renewable energy which means:

- Energy security.
- Price stability.
- Environmentally friendly.

By switching to renewable energy we have reduced the carbon footprint of **EarthPositive®** apparel by 90%





4 Ethical Trade practices

Justice for workers

To help tackle the social injustice often seen in manufacturing, commonly known as sweatshop labour, EarthPositive® goes further, making transparent the manufacturing supply chain through an independent audit by the Fair Wear Foundation, which promotes fair labour conditions in the clothing industry.

The entire production chain of EarthPositive® is controlled by a Code of Conduct and audited by the independent Fair Wear Foundation (FWF)

Pick your cotton carefully

We guarantee that we do not use cotton from Uzbekistan where the use of child labour is widespread. This follows the recommendations of Environmental Justice Foundations "clean cotton campaign". The complete tracability of certified organic cotton allows us to make this gurantee.

5 Reduce, Re-use , Recycle

- Minimise packaging.
- Use post.-consumer recycled materials.
- Use recyclable material.

6 Transportation

EarthPositive® has 'No Airfreight' policy. We use containerized ocean shipping, thus the carbon footprint generated by transporting our apparel to Europe, Japan and the USA is negligible, more like a fingerprint, less than 1% of the total. We cannot solve the world's transportation and energy security issues, but we can ensure that our own methods do nothing to contribute to environmental damage, social injustice or climate change.

7 Look after our water

The processing of the dye effluent takes place in a controlled **closed-loop purification system** that uses treatment ponds, sand filtration and reversed osmosis to convert the waste water into clean water.

- Waste water -93% reclaimed
- Waste products – negligible
- Damage to local water systems - nil



8 Lower your water footprint

It can take more than 20,000 litres of water to produce 1kg of cotton,

= equivalent to a single T-shirt and a pair of jeans.

We chose to work in a region (Ahmadabad in India) that receives up to 95% of its water from the monsoon rain.

This was an important consideration for us, as the monsoon rain reduces the need for large-scale irrigation projects normally associated with conventional cotton farming, which often deprive local villages of scarce water resources by draining lakes and rivers.

- Organic cotton requires less water
- Organic cotton root systems are deeper
- Soil containing organic matter has greater water retention

9 Lower your Carbon Footprint

EarthPositive® apparel has reduced the carbon footprint of a T-shirt by 90%. However, consumers require an independent verification process and a label to confirm the claims of individual companies. The Carbon Trust is trialling such a label with select pilot partners. EarthPositive® was granted the first such label for a textile product. The Carbon Trust's footprinting methodology is to become the single standard for greenhouse gas footprinting.

Low Impact agriculture

- Indian organic Cotton – planted & picked by hand
- No use of chemical fertilisers
- Monsoon rains reduces the need for large scale irrigation

10 Inform customers

Save the Climate – Wash cool, Line dry.

Reducing the washing cycle from 40 C to 30 C saves energy.

Not using tumble drying saves energy.

We also recommend eco-friendly detergents that are bio-degradable.

