

TO BECOME SUSTAINABLE

RAW MATERIALS
SUSTAINABLE DESIGNS
OUR APPLICATIONS



SUSTAINABLE RAW MATERIALS IN TEXTILE INDUSTRY

Sustainability starts with raw material selection. 80% of the potential carbon footprint of an apparel can be shaped by decisions made at the raw material selection phase. Therefore, “sustainable raw material selection” is the key point of the sustainable products. In the next step, the designs should be made from an environmental point of view.

So which of the natural and synthetic fibers can be interpreted as sustainable?

Recycled cotton, organic cotton, viscose which are produced from certified renewable wood resources and not treated with toxic chemicals, linen, hemp, bamboo, stinging nettle fiber, pineapple fiber, organic wool can be given as sustainable natural fibers. However, of course, all these fibers must be produced in good environmental and social conditions and finally recycled polyester can be accepted as sustainable synthetic fiber.

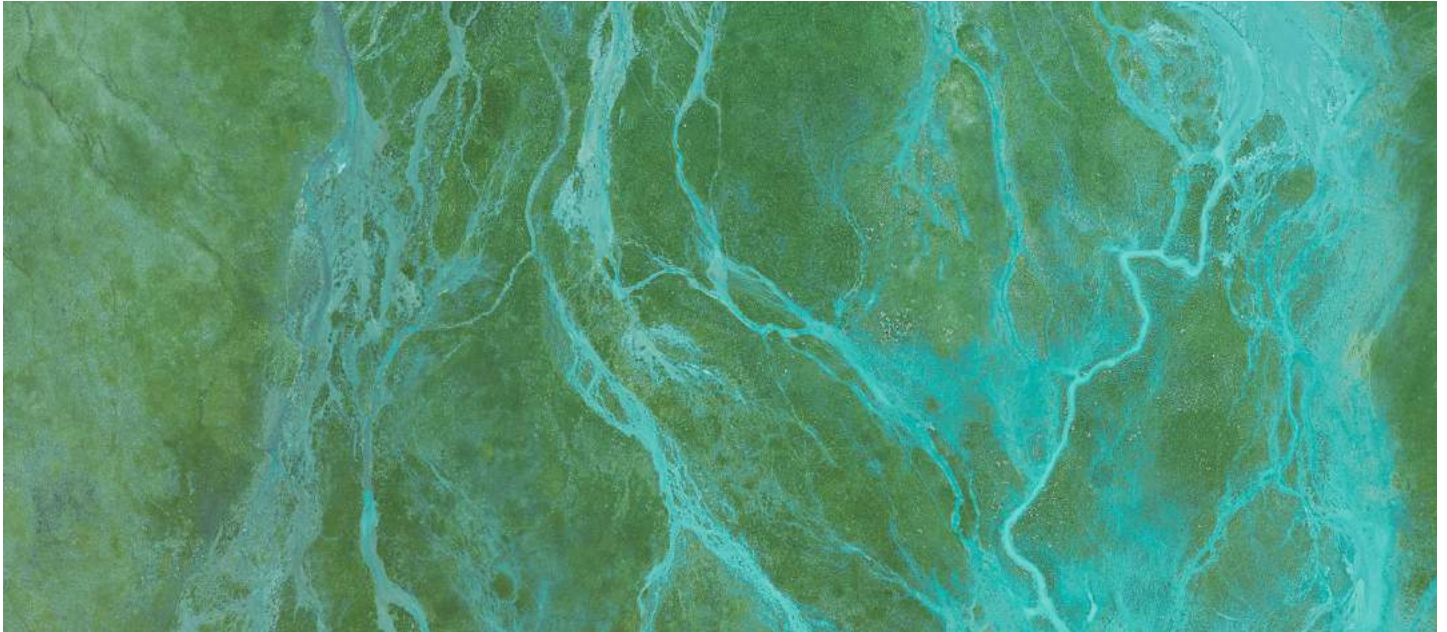
START MAKING SUSTAINABLE CHOICES



THERE ARE ALWAYS BETTER CHOICES

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SUSTAINABLE DESIGNS

When it is said sustainable design, we come across with various definitions from different institutions and organizations, but in essence, they all meet in the light of the same principles.

The most advanced form of sustainable designs can be thought as cradle to cradle which is defined as; design and production of products of all types in such a way that at the end of their life, they can be truly recycled (upcycled), imitating nature's cycle with everything either recycled or returned to the earth, directly or indirectly through food, as a completely safe, nontoxic and biodegradable nutrient by "Braungart".

Since sustainability should be considered throughout the design process, rather than as an afterthought, each key point should be considered at the beginning; material health, material reutilization, renewable energy & carbon management, water stewardship and social fairness.

RETHINK YOUR DESIGN TO BE CIRCULAR LIKE NATURE

We must rethink our choices to become sustainable.



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Main principles for sustainable design;

- Minimize waste
- Design for up-cycling
- Reduce chemicals impacts
- Reduce energy and water use
- Use clean and better technologies
- Take models from Nature and History
- Produce with ethical truths
- Reduce need to consume
- Design easily disassembly models

As Trio family, we give great importance to mentioned principles both for our own processes and for our materials in the supply chain.

We are on track to be part of initiatives that promote better practices.

THE BEST SUSTAINABLE METHODS ARE HIDDEN IN NATURE



By observing natural ecosystems, we can learn to imitate nature and we can stop damaging to the World.

We believe that even one person is enough to make a difference!