

TAMGA DESIGNS

2022 Impact Report



A NOTE FROM THE FOUNDERS

Our seventh year in business! It's safe to say that we're wowed, and so grateful, to continue growing as a sustainable fashion brand. We're still operating with the exact same principles as we started with - to prove that bold, colourful style can be part of a brighter future for people and the planet.

From travelling around Asia setting up a sustainable supply chain in 2016, to a year in which we shipped 1,800 orders to 1,300 customers around the world, there's really only one thing that has changed: we now have thousands of amazing customers around the world who have joined us. This growing community makes us stronger with every passing year.

There are a few things in 2022 that we're particularly proud of. We introduced our first blended fabric - a combination of natural European Linen and TENCEL that ticks all the boxes: it's incredibly comfortable, durable, low-impact and fully biodegradable. We managed to avoid 3.6 tonnes of CO2 emissions and more than 335,000 litres of water by choosing low-impact materials. We donated almost \$8,000 to our partners at the Sumatran Orangutan Society, helping them to protect and restore one of our planet's more important and threatened ecosystems in Indonesia. Through it all we brought 8 creative collections to life with our wonderful makers.

The future is full of challenges for us all, and the fashion industry is no exception. We must continue to find ways to reduce waste, regenerate ecosystems, support the people who make our products, and inspire other consumers and businesses to do the same. We hope this report inspires you to take on these challenges with us and thank you for being part of our #TAMGA tribe.



Yana, Anna and Eric

2022 HIGHLIGHTS

OUR SUSTAINABILITY PILLARS



MATERIALS



100% Sustainable materials



Introduced a sustainable blend of European linen and TENCEL™

SUPPLY CHAIN

ENVIRONMENTAL FOOTPRINT



3,635.5
KG OF CO2 EMISSIONS
AVOIDED



4,249.7
KWH OF ENERGY
SAVED



335,009
LITRES OF WATER
SAVED



100% Carbon neutral supply chain and shipping

KG OF CO2 EMISSIONS OFFSET

22,888 KG

The carbon footprint of every garment we produced

GIVING BACK

\$7,959.60

Donated to the Sumatran Orangutan Society

SUSTAINABLE MATERIALS

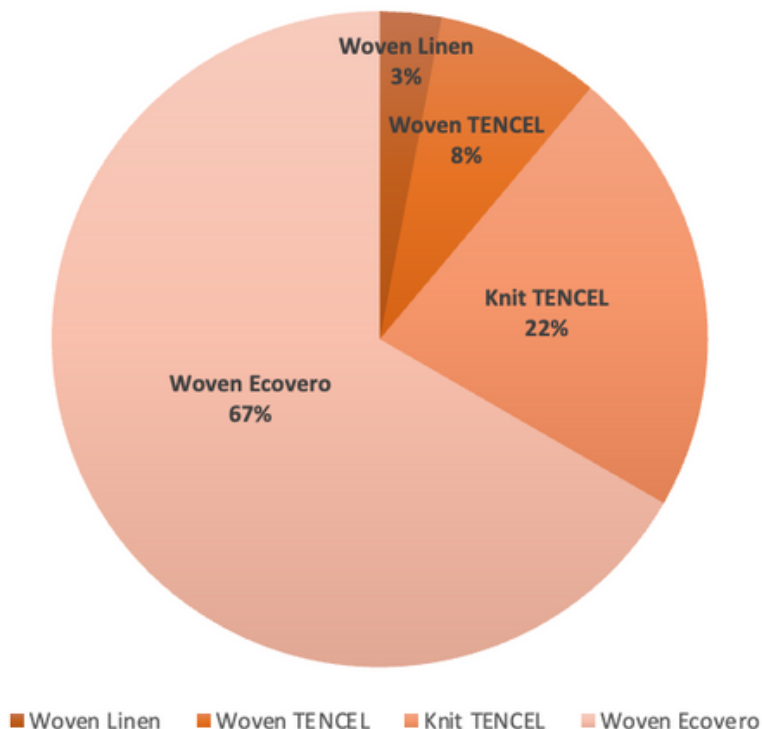
The single most important driver of a garment's impact lies with the materials used. While some other brands are on a quest to use a higher percentage of sustainable fibres, TAMGA started with 100% eco-friendly fibres from day one and we intend to keep it that way.

Our signature printed TAMGA garments and luxe basics are crafted from TENCEL™, EcoVero, or fibres that come from sustainably sourced wood pulp. These fabrics are versions of 'Viscose', but they come from renewable forests, are made using closed-loop technology, and produce a fraction of mainstream Viscose's water and energy impact.

In 2022, we introduced our first Linen fibres into the mix, launching a blended fabric that's 30% European Flax Linen and 70% TENCEL™. The Linen in this fabric is fully traceable and grown in Northwestern Europe. It's a high-quality fibre that guarantees proper treatment of soil, water resources and farmers. We especially love that the entire flax plant is put to use – stalk, fibres and seeds all have a purpose. Perhaps most importantly, like all TAMGA fabrics this blend is fully biodegradable.

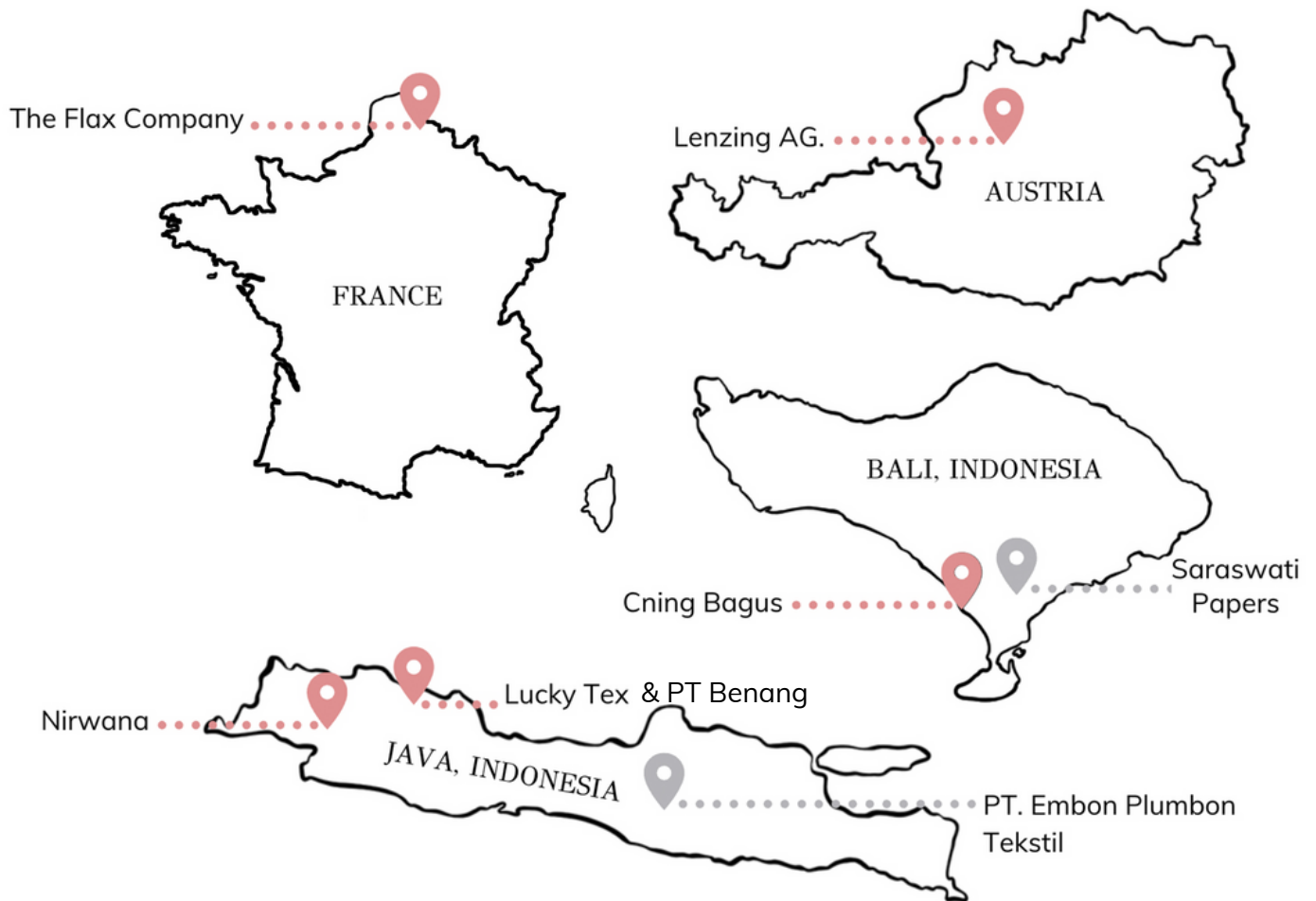
The stunning colours that TAMGA is known for are all created using fibre-reactive, 'low-impact' dyes that are certified by GOTS, Bluesign and Oeko-Tex. Our printing mill follows the ZDHC wastewater guidelines and ensures that no hazardous chemicals are released into Indonesia's waterways.

Fabrics Purchased in 2022



SUPPLY CHAIN TRANSPARENCY

Here's the thing about transparency - we believe it's the most important thing in fashion, period. No supply chain is perfect, but the old saying "what gets measured gets managed" rings true. Here's a rundown of every business that contributes to a TAMGA garment, from raw fibre to finished product.



OUR SUPPLY CHAIN

We believe in sharing every supplier that touches a TAMGA garment, from 'field to fashion'. Our supply chain consists of direct suppliers (who sign our code of conduct and work directly with us) and indirect suppliers (who supply to our suppliers). Get to know our indirect (in yellow) and direct suppliers (in green) below!



RAW MATERIALS:
Lenzing AG. & The Flax Co.

Lenzing: EcoVadis gold rating for sustainability, sources exclusively from responsibly managed forests.

The Flax Co.: Guarantees traceability of linen fibre through their European Flax® certification.



FIBRE PRODUCTION:
Lenzing AG.

50%+ less water and energy than conventional viscose processing, closed-loop production, 100% renewable energy (TENCEL™, Modal).



SPINNING: PT. Benang Citra &
PT Embee Plumbon Tekstil

50%+ less water and energy than conventional viscose processing, closed-loop production, 100% renewable energy (TENCEL™, Modal).



WEAVING:
Luckytex

Full wage transparency, environmentally friendly materials, key environmental certifications in place.





SPINNING:
Nirwana

High quality sustainable knit fabrics and low-impact dyes.



PRINTING:
Lucky Print

Low-impact printing inks, ZDHC wastewater certification ensuring no hazardous chemicals into waterways.



CUTTING & SEWING:
C'ning Bagus

Family owned and operated. Living wage for all employees, with perks that include free housing, free meals, childcare and more.



TAGS:
Saraswati Papers

Female-owned social enterprise, recycled post-consumer paper & natural dyes, a creative solution to waste from Bali's tourism industry.



CASE STUDY: OUR SEWING FACTORY

*C'ning Bagus Garment Manufacturing - Bali, Indonesia
Specialty: Small batch ethical garment manufacturing
Total Number of Employees: 10*

Like all businesses, there are no two garment factories that are alike. Our friends at C'ning Bagus Garment Manufacturing are one in a million – we like to call their operation 'Ethical Plus'. It's not just a dignified place to learn and work, it's a downright pleasant place to live.

When we first visited C'ning Bagus in 2018, we were surprised to see that it was in a quieter community part of Bali rather than the industrial area where most garment businesses operate. Stepping through the front door, it was obvious that this operation is more than a business – a courtyard full of greenery is bordered on three sides by buildings, with busy people and even a few children milling about.

Putu, the owner of C'ning Bagus, pays his staff very well (the lowest wage is 44% higher than the minimum wage in this region), but we were thrilled to learn that he also offers them free housing, a 24-hour kitchen with meals provided, and even childcare before and after school. Putu even has an apprentice program where he trains young students between the ages of 14-17 (paid), and hires them full-time when they're finished school.



CASE STUDY: CONTINUED

Aside from the government healthcare program that workers and employees pay into, Putu has been known to pay for extra healthcare expenses for staff and their families when they're in a tight spot. It's no wonder that some of his staff have been with him for more than 15 years.

When 'family business' becomes 'family', we know we've found the right partner for TAMGA to bring our designs to life.

Highlights:

- Lowest wage is 44% higher than the minimum wage
- Healthcare and social security (employer & employees contribute)
- Free on-site housing, electricity and water for employees and dependents
- 24-hour kitchen with meals provided
- Childcare when required

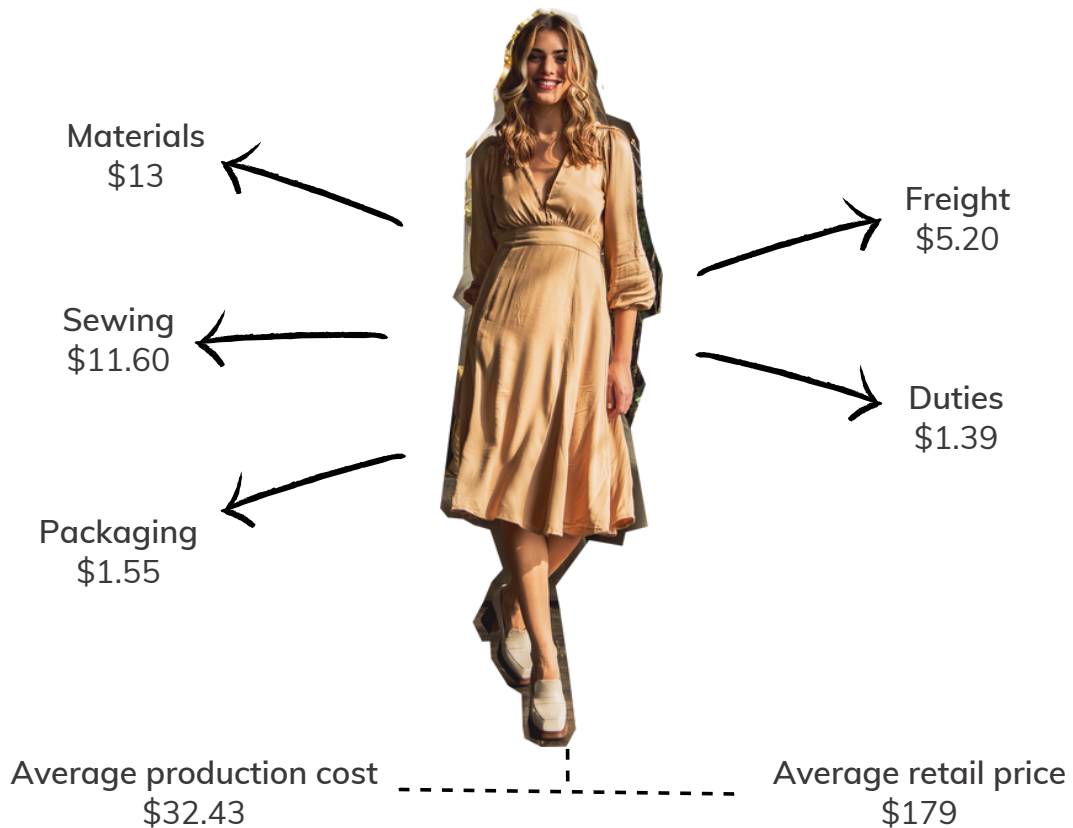


COST TRANSPARENCY

What does a TAMGA Dress really cost to produce?

A lot of our customers have asked about this over the years, and we're always happy to share! Of course, there are more costs than you'll see here – including all of the time spent sourcing, designing and sampling garments, and even offsetting the carbon footprint of every garment (this depends on how far it travels to your doorstep).

Here's a basic financial rundown of what it costs to produce our Pyrite dress (in Canadian dollars).



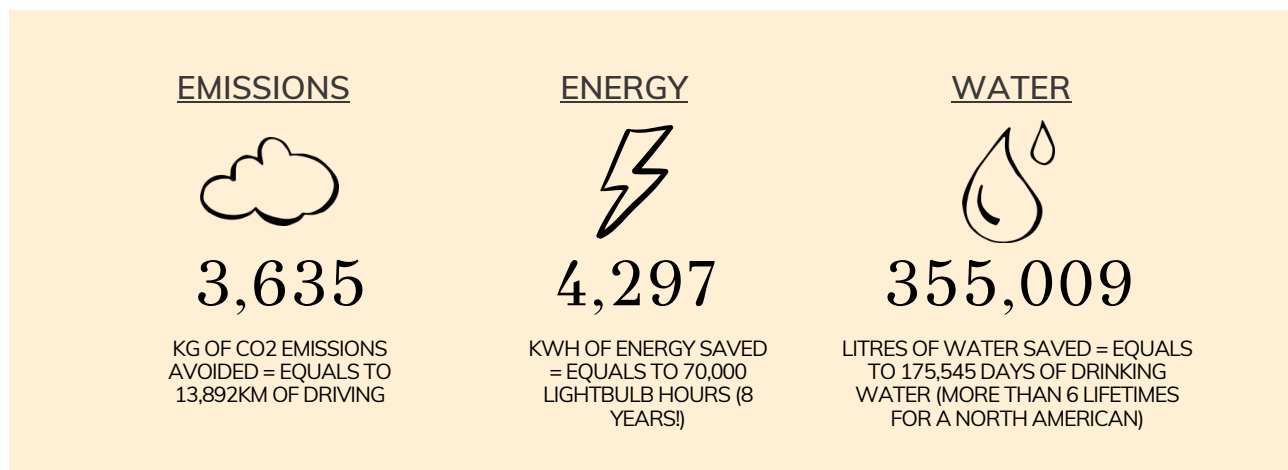
ENVIRONMENTAL FOOTPRINT

In order to reduce our footprint, we have to understand it first!

Since day one at TAMGA, we've been working with our partners at Green Story, an environmental impact research firm to measure and share the impact of our garments.

Green Story looks at the impact of a comparable mainstream fabric (in our case, Viscose) and measures the impact of TAMGA fabrics against it. By doing this we can show how much energy, emissions, and water are saved by choosing a TAMGA garment versus a traditional viscose one.

In 2022, our fabric choices and your purchases led to savings of:



CARBON OFFSETS

Even when we choose low-impact materials and production processes, creating TAMGA garments still has a footprint. Since 2020, we've worked with *SimpliZero* to offset the emissions of every single garment we produce, from raw materials all the way to your closet. These projects are verified by the Gold Standard to be socially and environmentally beneficial, ensuring that communities and ecosystems are positively affected.

Here are the offsets we purchased in 2022 and the projects that they supported.

2022 CARBON OFFSET PROJECTS



Renewable

Sidrap Wind Farm

Verifier

Gold Standard

13,677 kg of carbon offset

The Sidrap wind farm in South Sulawesi, Indonesia generates enough renewable energy to power 70,000 local homes.



Renewable

Bundled Wind Power

Verifier

Gold Standard

4,859 kg of carbon offset

This large scale wind project reduces CO2 emissions by 175,000 tons annually by building renewable wind energy into the electrical grid of North-West China.



Social

Clean Drinking Water

LOCATION

Cambodia

Verifier

Gold Standard

4,351 kg of carbon offset

Hyrdologic, a Cambodian social enterprise, provides safe and clean drinking water to more than 1 million Cambodians.

CIRCULARITY

Circularity, like sustainability, is a constant journey. In the fashion industry, there is far too much waste and disposability, but even a little is too much if we're striving toward a circular economy. At TAMGA, our long-term vision is this: everything we create will be re-created, and all of our materials - from fabrics to packaging and trims - will be designed for multiple lives and uses.

In 2022, we launched our first 'Revival' collection, an initiative to use the leftover fabric from previous collections to create something new and exciting. We are committed to using what we already have before ordering new fabrics, and you'll see another exciting Revival collection in Summer '23!

We continue to use only 100% biodegradable and recyclable fabrics, including our newest blend of Linen and TENCEL™. While the technology to recycle cellulosic fabrics is still nascent and not yet available commercially, we continue to make garments that can be recycled when it's available.

We also ship plastic-free, using a re-usable organic cotton tote bag with every order and saving countless plastic garment bags from landfills.



45 zero waste styles sold



3,512 plastic garment bags kept out of landfills



1,769 reusable garment bags sent out to customers



GIVING BACK

From the moment we created TAMGA, giving back a portion of our sales has been a key part of the business. While we always give 1% of our annual sales to the Sumatran Orangutan Society (S.O.S.) through our 1% For the Planet commitment, we are always brainstorming other ways to give back.

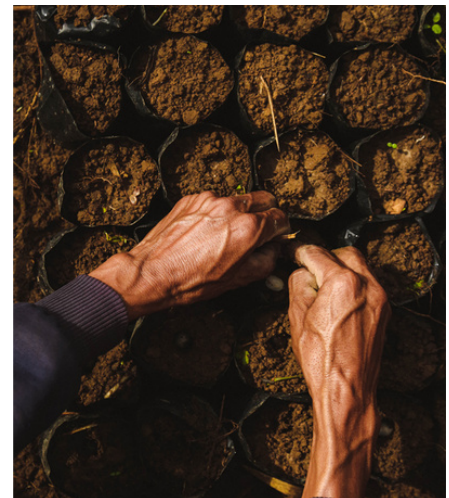
In 2022, our give-back initiatives included:

- Our Trees Please Tees (\$10 from every sale to S.O.S.)
- Forest-Friendly-Friday (20% of all sales to S.O.S.)
- International Orangutan Day (25% of all sales to S.O.S.)



\$7,959.60

Donated to support orangutans and reforestation projects in Indonesia



To date, our partners at S.O.S. have regenerated more than 2,000 hectares of critically endangered rainforest trees in Sumatra's Leuser Ecosystem, and have trained over 7,000 locals to support conservation-friendly livelihoods. We continue to support S.O.S. because they are on the environmental frontline of a battle to protect Indonesia's biodiversity and one of the most valuable ecosystems in the world.



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Thank you for being part of our 2022 impact and sustainability journey. Our next report will be released in early 2024 and if you have any feedback, questions, or concerns on this report we would love to hear from you - get in touch with us at hello@TAMGAdesigns.com.