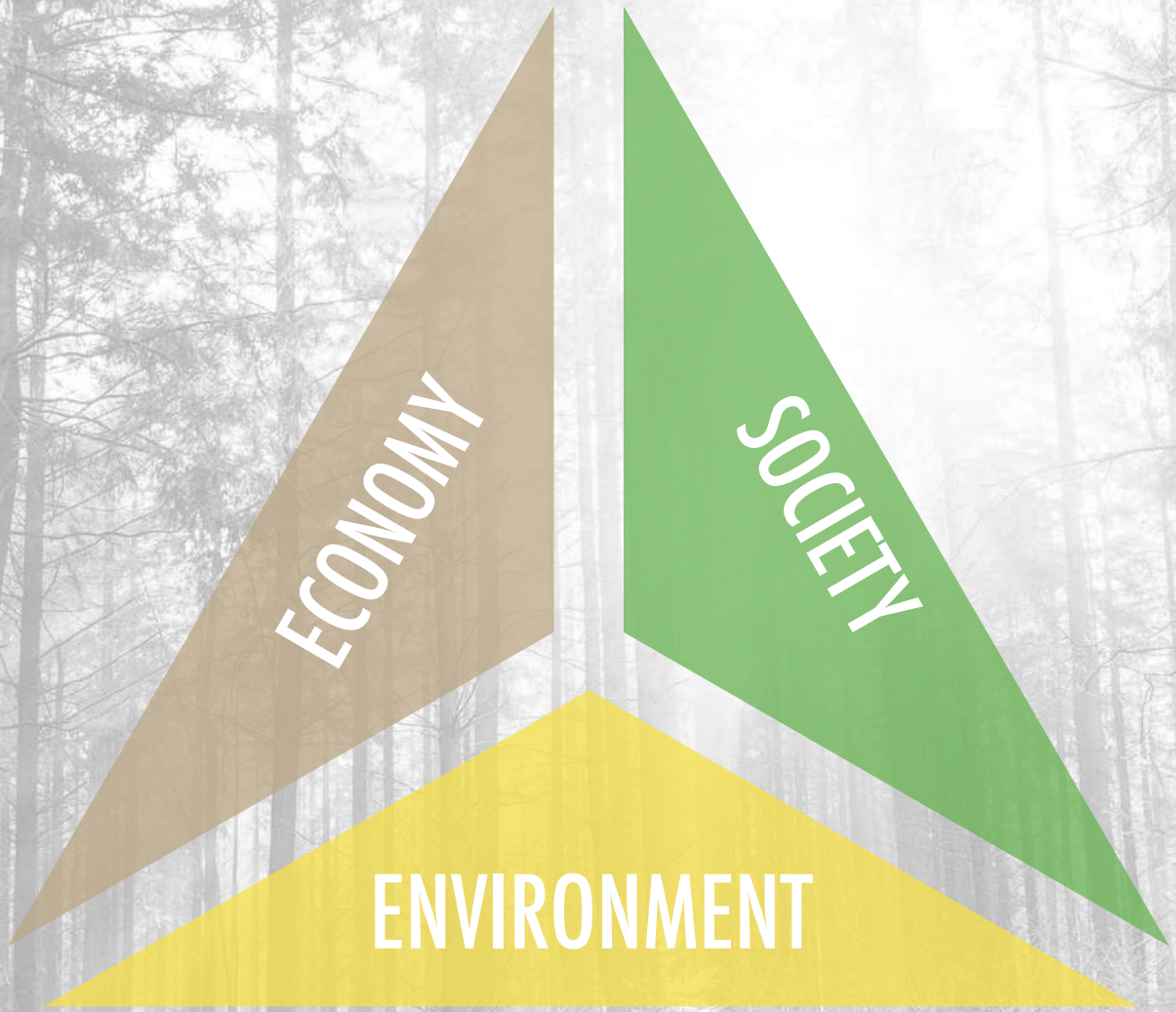
SUSTAINABILITY & ENVIRONMENTAL POLICY

OF 3D BONDING



THE THREE PILLARS OF SUSTAINABILITY

The three pillars of sustainability are a powerful tool for defining the complete sustainability problem. This consists of at least the **economic, social, and environmental pillars.**

If any one pillar is weak then the system as a whole is unsustainable. **Simplicity Works is working on the sustainability problem as a whole,** which includes all three pillars.

ENVIRONMENT

PILAR I.

CLIMATE CHANGE

It is time for a wake-up call. Manufacturing is not immune from climate change effects, for as a sector it represents nearly one-fifth of domestic direct emissions, and it is indirectly responsible for an additional 11 percent of emissions through electricity use. **3D Bonding innovative technology is achieving a true low-carbon transition, including renewable energy, less transportation and less storage that reduces emissions, and strengthen climate resilience.**

3D Bonding Technology reduces carbon footprint of manufacturing a product, e.g. a shoe by up to 19,70%.

ALTERNATIVE ENERGY

We care about alternative energy because we see it as a way of mitigating climate change and addressing pollution. 3**D Bonding technology uses 30% less energy than the traditional fabric process**.

Besides that our ambitious **project Eco Challenge** aims to maximize productive and logistics efficiency. It is a future vision of 3D Bonding Industrial Parks where several manufacturers are located together with key suppliers, all connected virtually by ERP software and physically with tunnels or bridges, working "Just in Time“ under an environmentally conscious philosophy where solar panels, wind turbines, and electric cars are other “green” technologies that pique our planet's interest.

FAIR LAND USE

In Simplicity Works we think about land use and we turn to environmental activism when we feel land is being appropriated unfairly. Our **Eco Challange project** is planned to grow in **Elche Business Park**, **close to Alicante, Spain - one of the best Business Parks in Europe.**

This high-quality industrial area in a strategic location responds to a demand for improvement of urban conditions. Its main features are **sustainable development,** the integration of architecture with the environment, avant-garde design and energy efficiency.

SUSTAINABLE DEVELOPMENT

ENVIRONMENTAL ACTIVISM

For Simplicity Works it's important to become an **environmentally friendly business.**

We are clearly willing to engage in environmental activism to support causes we care about.

Everything from the way that products are manufactured, displayed and advertised and how waste is recycled, will all work towards making us environmentally responsible.

Planting trees is one of the easiest and most sustainable ways to positively affect the environment. Therefore Simplicity Works is working on **„More Trees for Alicante"** project, which is a project planning to plant certain amount of trees in Alicante, the home town to 3D Bonding technology, that depends on the number of 3D Bonding shoes produced each year

The amount of trees must at least equalize the Carbon Footprint of 3D Bonding production.

POLLUTION

We are highlighting ways to prevent pollution. Pollution not only accelerates climate change, it can also have a number of other negative societal consequences.

3D Bonding production sites are planned to be located **close to consumption eliminating fuel of long distance transportation, burning much less fossil fuels like gasoline and diesel.**

Also textile manufacturing operations create large amounts of toxic and nontoxic solid waste.
3D Bonding technology reduces 50% of textile, leather, or hybrid materials consumption and Eco Challange production sites follow ZERO WASTE manufacturing and Cradle to Cradle model.

Therefore, rates of waste generation from 3D Bonding manufacturing does not exceed the assimilative capacity of the environment that means **sustainable waste disposal.**

WATER ACCESS

Roughly one in 10 people in the world do not have access to clean drinking water. Water access is another environmental cause that we are concerned about as the situation worsens.

The textile dyeing industry consumes large quantities of water and produces large volumes of wastewater from different steps in the dyeing and finishing processes.
3D Bondig needs 50% less leather or fabric which means 50% less wastewater. Because water recycling and wastewater treatment is a critical component to each and every industry, we provide cost-effective solutions of 3D Bonding industrial operations including **water reuse in Eco Challenge Project.**

50% LESS WASTEWATER

ZERO WASTE PROCESS I.

Recycling is an important component of environmental conservation and pollution reduction.

Eco Challenge project includes recycling services for raw materials in its own buildings.

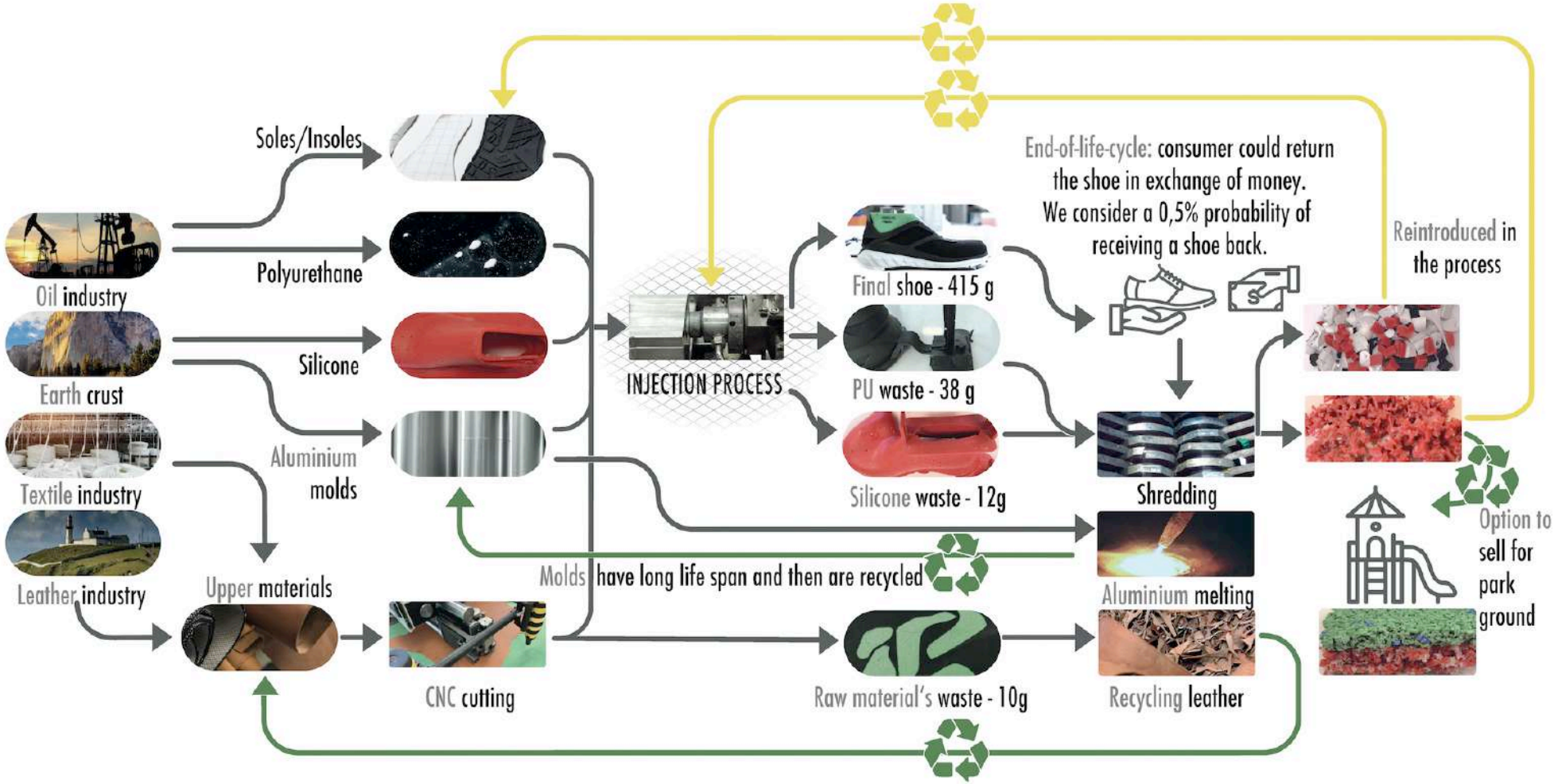
This is a radical change of industry transforming the cradle to grave pattern to a **cradle to cradle platform** following the **ZERO WASTE approach.**

Zero Waste is a big challenge with a goal for no trash to be sent to landfills, incinerators, or the ocean. Eco Challenge is designed to work **"Just in Time“ under an environmentally conscious philosophy** with the conservation of all resources by means of responsible production, consumption, reuse, and recovery of all products, packaging, and materials, without burning them, and without discharges to land, water, or air that threaten the environment or human health.

Eco Challenge project is Zero Waste manufacturing process. The waste material is recycled and reused.

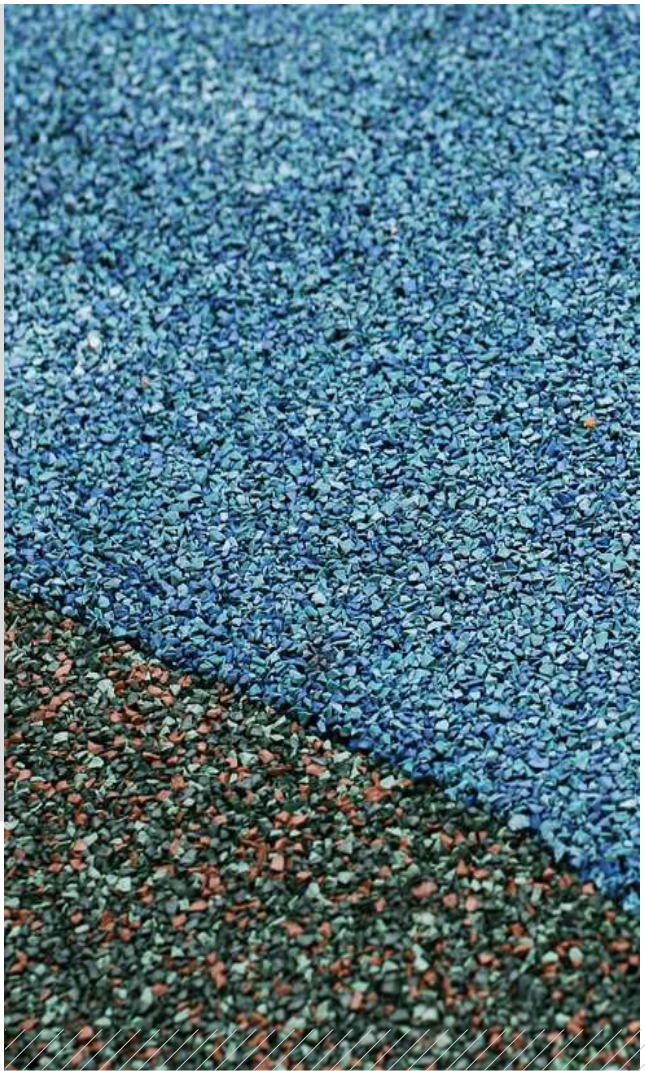
ZERO WASTE PROCESS II.

3D Bonding Technology produces high performance products with low environmental impact. All the materials used for the production such as leather, textile, silicone, polyurethane and even the aluminium molds are recycled and reused. It is a **Zero Waste** Manufacturing process which does not leave any mark on the planet.



ZERO WASTE PROCESS III.

Input (g)	Final product (g)	Initial waste (g)	Recycled (g)	Final waste (g)
505	415	90	90	**0**

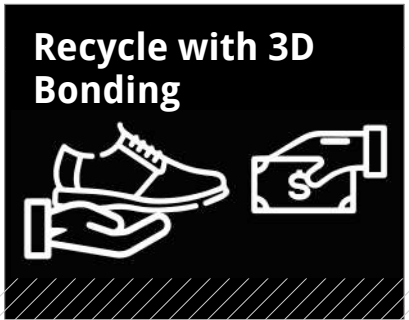


Recycling of TO WORK FOR Infinity Safety Shoe with the weight of 415g per shoe.

3D Bonding is **Zero Waste** manufacturing process. The waste material is recycled and reused for **shoe midsoles, ground parks and** there is also an option to reuse it in **building industry** as a good sound a heat insulation material**.**

Besides that Eco Challenge project counts on that there is a big part of the **future generation which is environmental oriented and will take a chance to recycle used shoes.**

We know it will not be possible to recycle 100% of shoes we will produce, therefore we compensate our impact by other environmental activities such as **„More Trees for Alicante" project.**



SOURCE MATERIALS

We use **resources and raw materials** such as **leather, textile, mineral aluminium and oil** which we transform and we use them for 3D Bonding process.

LEATHER **TREATMENT** >>>

TEXTILE **INDUSTRY** >>>

MINERAL **ALUMINIUM** & MINERAL **SILICON**

OIL **INDUSTRY** LIQUID POLYURETHANE
JOINING PIECES OF LEATHER

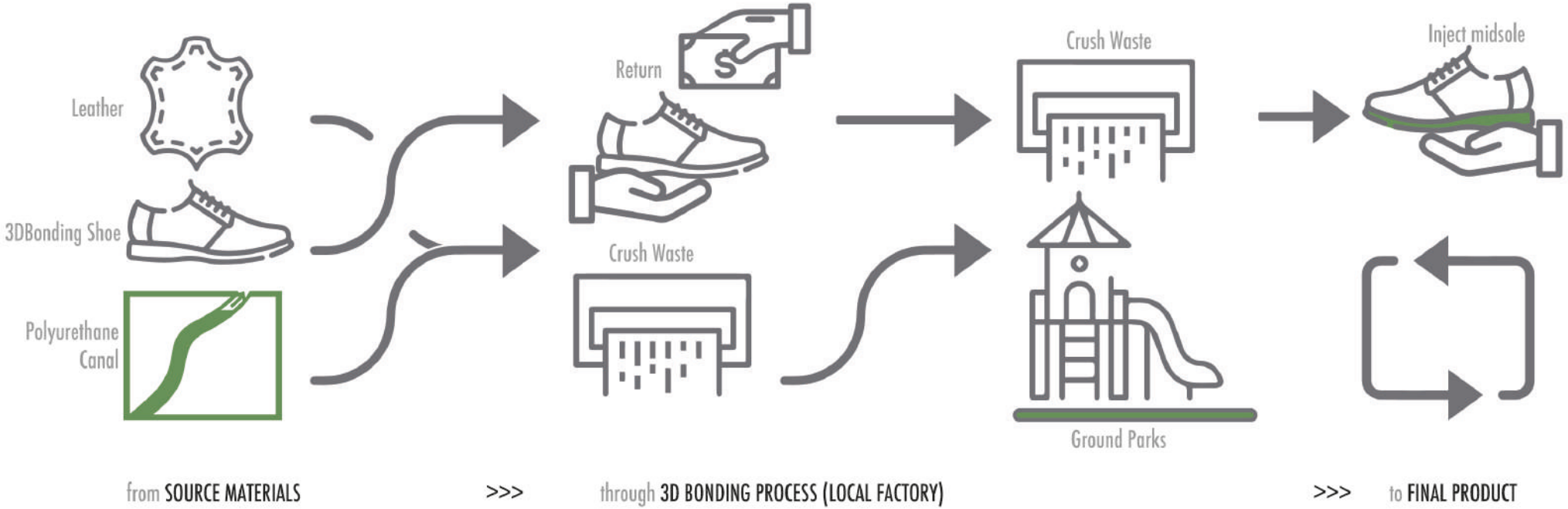
ALUMINIUM MOULDS

POLYURETHANE CANAL

ECO CHALLENGE PROJECT BUSINESS MODEL

Eco Challenge recycles and reuses waste material and collects old shoes which are crushed and the material is reused for **shoe midsoles** and **ground parks.**

Simplicity Works is economically healthy businesses and **3D Bonding creates new industry with minimal environmental impact.** New approaches are explored in this section.



SOCIETY

PILAR II.

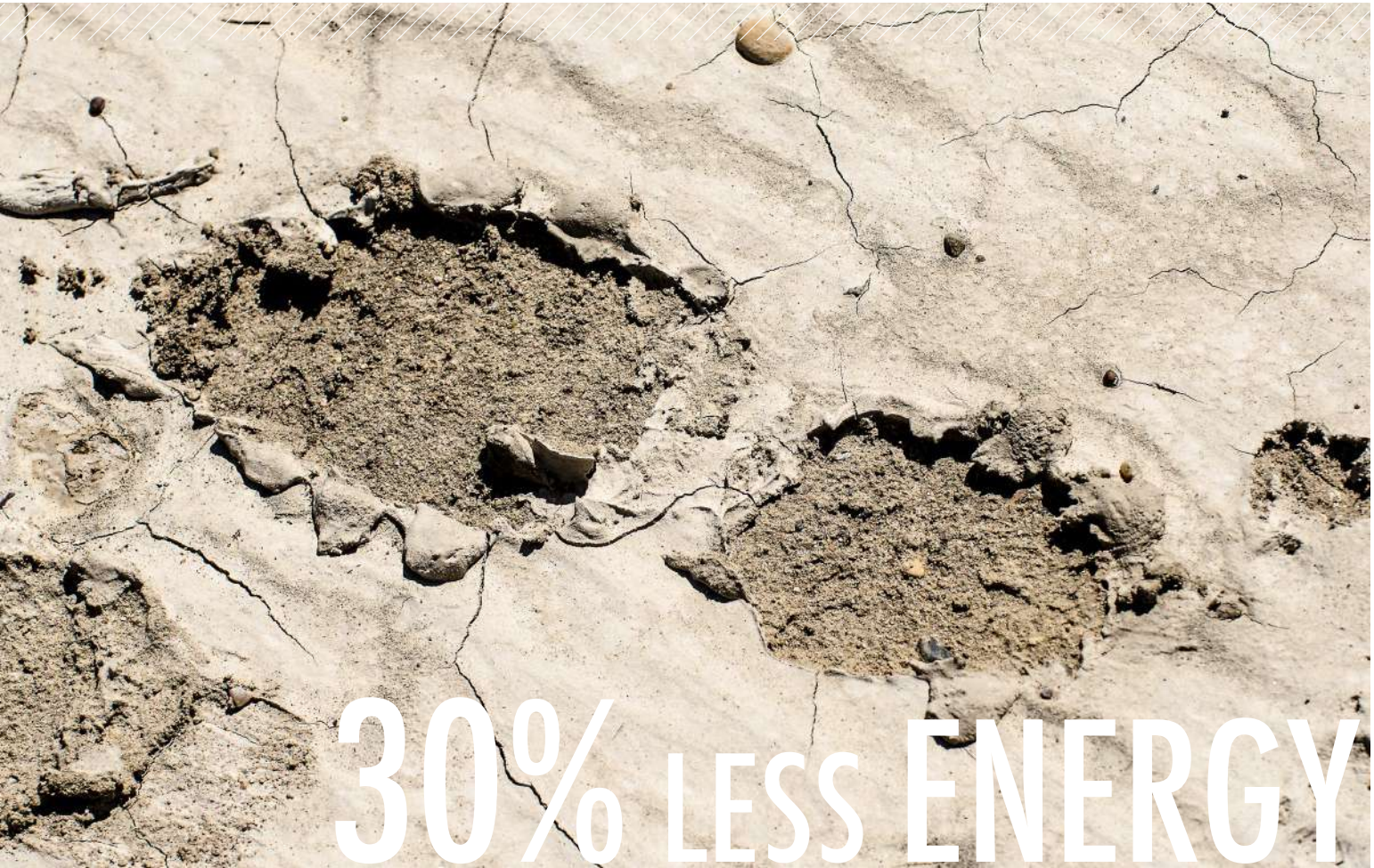
Simplicity Works focuses on factors which constitute health and quality of life to reach **Human Wellbeing generally**, depends on national habits, religion or generation influenced by our technology. **Our goal is optimizing gross national happiness, by emphasizing harmony with nature and traditional values.**

We have the desire to make a **positive impact** on the world. We are passionate about both **environmental** and **social causes that are connected one to each other.**

CORPORATE SOCIAL RESPONSIBILITY

ENVIRONMENTAL EFFORTS

Simplicity Works business behaves ethically and contributes to economic development while **improving the quality of life of the workforce and their families as well as the local community and society at large.**



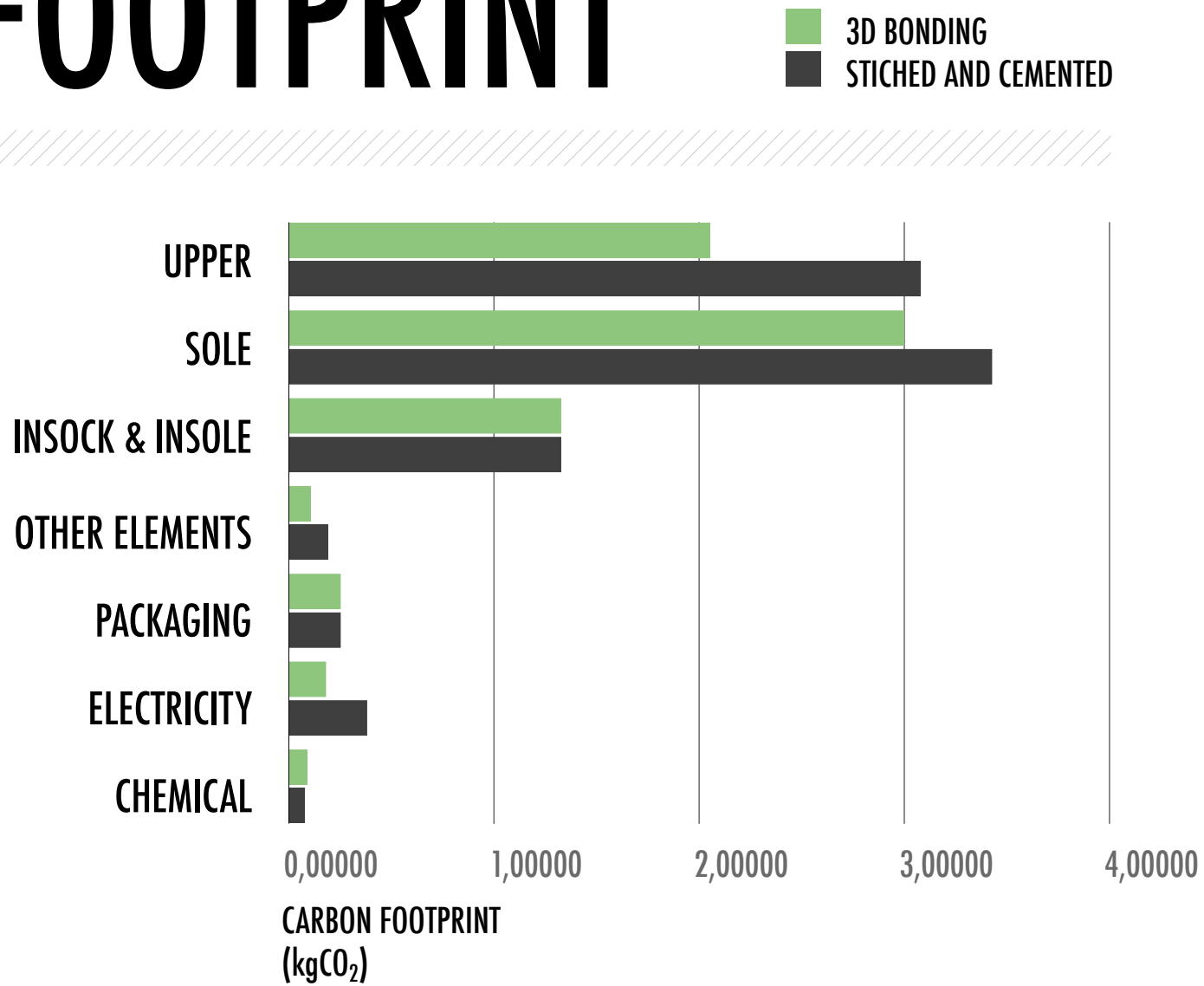
We want to create a positive impact on society while doing business. Here are some of the most important social causes we are interested in. For Simplicity Works it is important that **3D BONDING Technology is in harmony** with them:

Our primary focus of corporate social responsibility is the environment. **Simplicity Works takes steps to reduce the future carbon footprint of 3D Bonding Technology.**

Think globally, act locally; our production sites can be located close to consumption because a **3D Bonding factory in Europe can produce a more economical shoe than a traditional factory based in Asia.**

That means **30% less energy use from proximity production, using good working conditions and eliminating fuel of long distance transportation.**

CARBON FOOTPRINT



The carbon footprint for a functional 3D Bonding product is 7,03 $kgCO_2$.

If we analyze an equivalent pair of shoes manufactured trough traditional methods, we observe that its carbon footprint is 8,76 $kgCO_2$. To sum up, the 3D Bonding Technology allows a **19,70% reduction** of the carbon footprint thus leading to a more **eco-friendly** manufacturing system.

The below graph shows the detailed comparison between both systems for each element.

3D Bonding Technology reduces carbon footprint of manufacturing a product, e.g. a shoe by up to 19,70%.

PHILANTROPHY

Because wearing **shoes** helps prevent the spread of parasitic diseases that plague an estimated billion people worldwide, they are a **basic human necessity.** And the reality of life for many individuals in impoverished parts of Africa, Asia, and South America is that shoes are a rarity. It is not uncommon for children to grow up in these areas without ever having had a pair of new shoes - or any shoes at all.

Simplicity Works is planning practice **social responsibility** by donating small 3D Bonding machine kits and training children and adults to manufacture easily 3D Bonding shoes and other products for their local needs.

We dream of seeing how from large to micro manufacturers design and make pairs of shoes either in a first world capital or in a village in Africa.

The thrill of creating quality shoes for their neighbors at minimal cost will make the whole community believe in a new economy creating a industrial revolution in the heart of the people. Probably not everywhere but **knowing that we give this opportunity will make us immensely happy.**

ETHICAL LABOR PRACTISES

By treating employees fairly and ethically, companies can demonstrate their social responsibility.

This is especially true of businesses that operate in international locations with labor **laws of "cheap labor cost" countries** that **differ** from those in the **United States or Europe** where 3D Bonding Factories are planned to be located.

Bringing manufacturing back home guarantees respect for human rights equally for men, women or handicapped.

Simplicity Works has the **right to cancel or suspend** the right to license and produce 3D Bonding Technoogy made products to any client in case it **detects Human Rights Abuses.**

HEALTH BENEFITS I.

The biggest consumer health benefit using 3D Bonding Technology is that we can produce **quality breathable leather shoes close to the market without increasing the final price.**

Faux leather (plastic) is almost never comfortable, regardless of price. It's because it's essentially plastic, so it does not stretch or conform to the foot the way real leather does, and it does not breathe.

Allergic rashes can also occur on the feet, especially the plantar surfaces. Adults who experienced atopic dermatitis as a child may develop eczema of the hands and feet as an adult. Contact dermatitis can also involve the feet as a result of **shoe allergy.**

Unlike shoes made from plastic, rubber, and synthetic materials, leather shoes breathe and keep the feet cool. With less sweating, athlete's foot and other foot infections are avoided.

Leather shoes are Environmentally Friendly. Rubber sneakers and synthetic shoes last for years in landfills.

HEALTH BENEFITS II.

HIGH QUALITY & COMFORT

Another consumer benefit using 3D Bonding is that the shoes are **seamless.** There is no overlap or stitching eliminating pressure zones of the shoe.

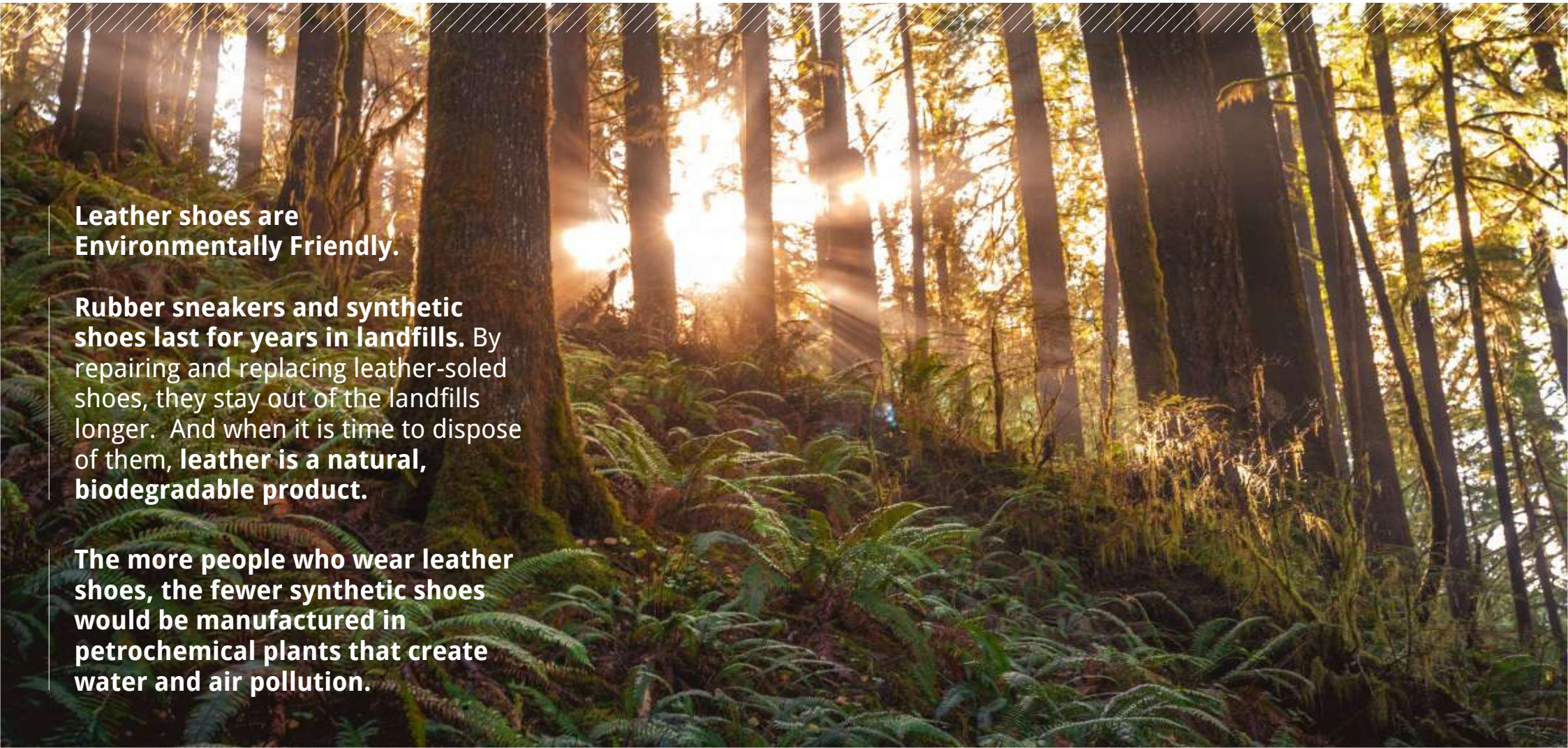
The seamless shoe is like a glove for the foot. Adaptable, waterproof, without needle holes where water usually gets and breathable. Without friction points it makes walking extremely comfortable.
This comfort is important for everyone, especially for those suffering from diseases like Diabetes. The seamless shoe will help prevent foot injury which could cause serious health problems for them.

Whether it is **diabetic shoe, safety or work boot, 3D Bonding technology improves shoe comfort** and the final product looks unrecognizable from standard or even fashion shoes.

3D Bonding technology has an easier, faster and more economical production method than today. It produces a **higher quality shoe with better comfort and health aspects without increasing the final price.**

3D Bonding seamless shoe is like a glove for the foot.

ENVIRONMENTALLY FRIENDLY LEATHER SHOES



Leather shoes are Environmentally Friendly.

Rubber sneakers and synthetic shoes last for years in landfills. By repairing and replacing leather-soled shoes, they stay out of the landfills longer. And when it is time to dispose of them, **leather is a natural, biodegradable product.**

The more people who wear leather shoes, the fewer synthetic shoes would be manufactured in petrochemical plants that create water and air pollution.

STEM DISCIPLINES

STEM, which stands for **science, technology, engineering, and math**, has become popular among new generation - Gen Z. In fact, one study found that, unlike previous generations, **the best Gen Z students are most attracted to STEM disciplines.**

Eco Challenge project includes centers for education and preparation of the new 3D bonding generation with the ability to drive maximum value by changing core tasks thus leaving a **huge impact on manufacturing.**

ANIMAL RIGHTS

We care both about animal rights and environmental conservation. 3D Bonding technology bonds materials such as fabric, rubber, wood, metal and leather where there is approx a **50% savings of any material mentioned, including leather consumption** in leather shoes manufacturing process.

Any animal experimentation or testing is excluded from 3D Bonding Technology process.

ECONOMY

PILAR III.

Economic sustainability is an integrated part of sustainability and means that we need to use, safeguard and sustain resources to create **long-term sustainable values.**

In other words, we need to conserve natural resources today, so that future generations can cater to their need.

Long-term costs for use of resources (human and material) are included in our economic calculations.

The value of Simplicity Works can be explained with help of indicators like **added value, savings, patent and intangible assets with an economical ability to support a defined level of economic production indefinitely.**

HOMELAND MADE

LOCAL PRODUCTION

3D Bonding Technology produces locally, so the **money that you spend stays where it is,** in the same town where it started, **supporting the local economy.**

The products don't have to travel to get to the consumer – they come fast straight from the **local 3D Bonding Factory instead of being shipped from a far away place. This, too, helps save gas emissions, plus less packaging is required for the products.**

Economic Benefits:

- **It keeps money in your community**
- **It creates jobs**
- **It supplies other local businesses**
- **It keeps taxes down**

JOIN THE NEW GENERATION

A sustainable economy is one that is resilient and provides a **good quality of life for everybody.** It is the one we care about bringing 3D Bonding to the market.

3D BONDING

Changing how the world walks.

www.simplicity.works

Welcome to the new era of 3D Bonding - an opportunity to create a better world, inspired by Simplicity.