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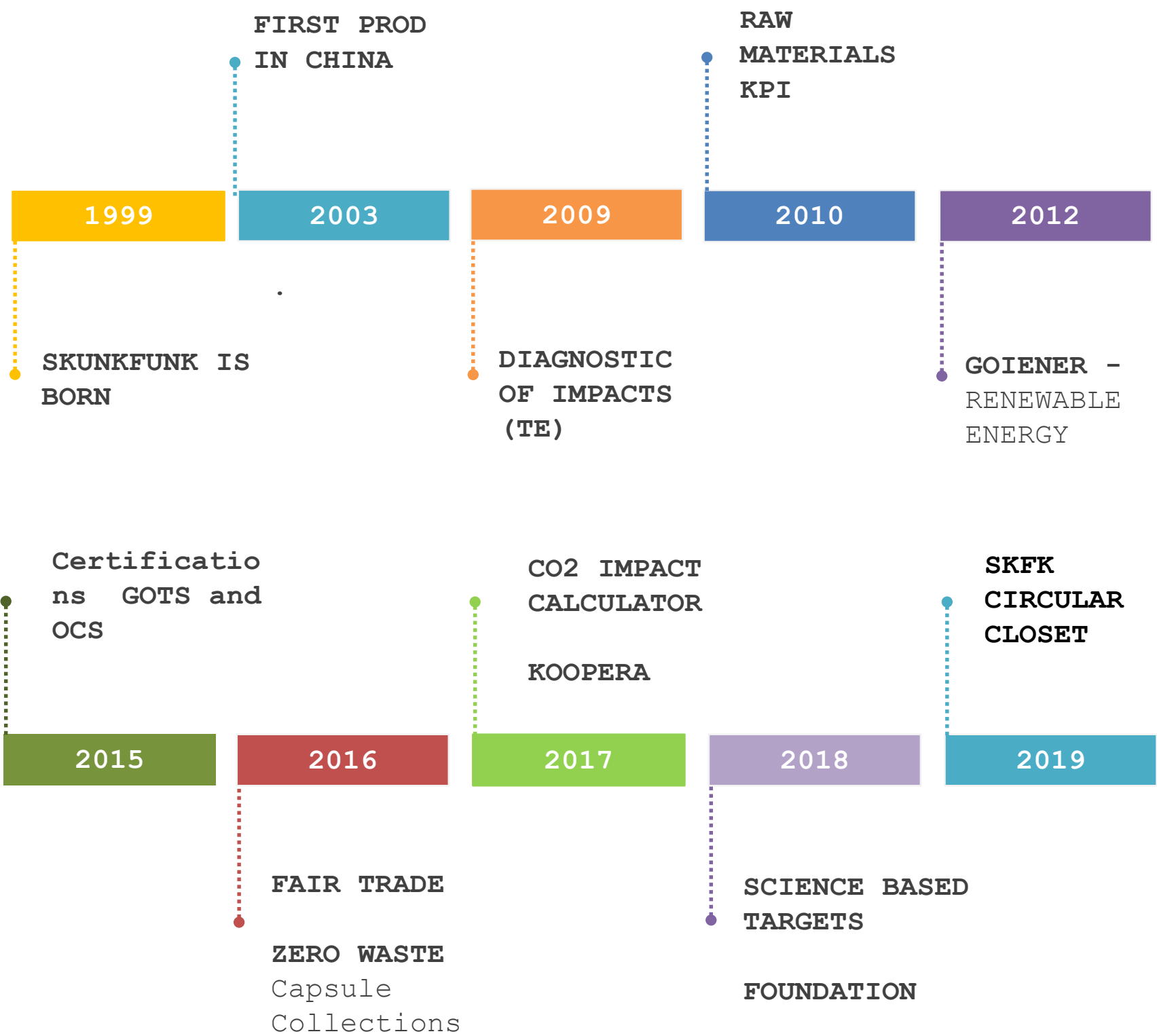


EN LA LUCHA CONTRA
EL CAMBIO
CLIMÁTICO

CHAN/GE



WE CAME A LONG WAY...





APPAREL'S IMPACT ON CLIMATE

7 LIFE CYCLE STAGES OF APPAREL

1 FIBER PRODUCTION

Raw material extraction and processing of synthetic, cellulosic, cotton, and natural fibers



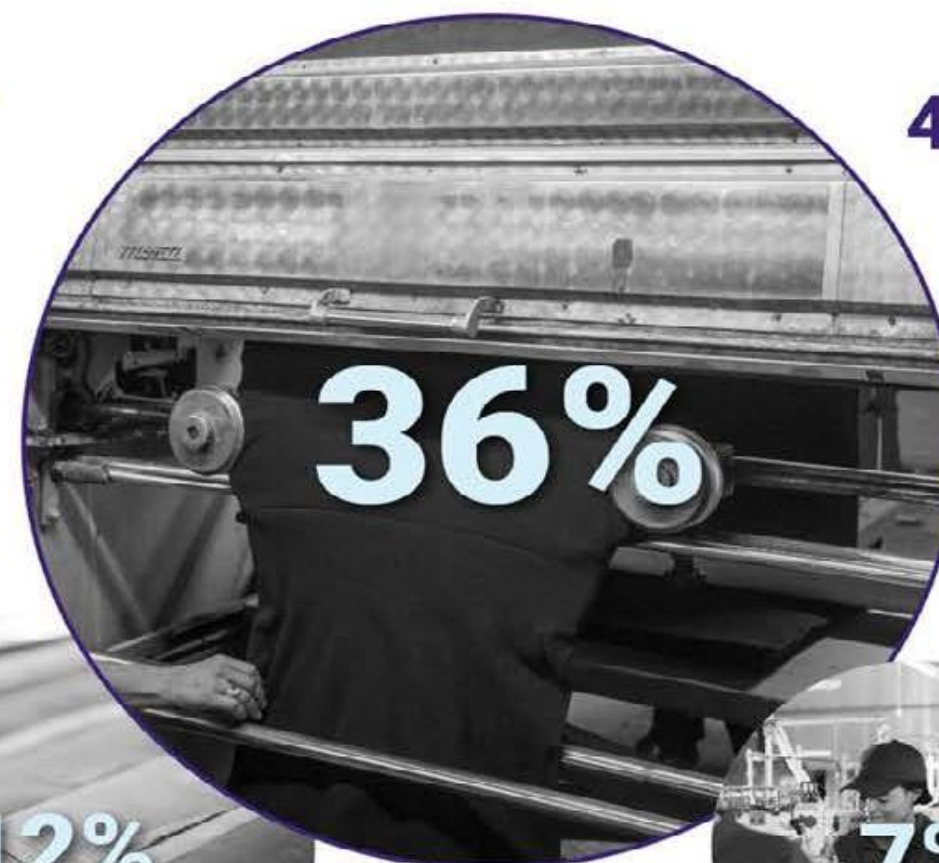
2 YARN PREPARATION

Spinning of yarn from filament and staple fibers



3 FABRIC PREPARATION

Knitting and weaving of yarn into fabric



4 DYEING & FINISHING

Bleaching and dyeing of fabric as well as fabric finishing
The most energy intensive stage, dyeing has a high energy demand due to wet processes which require large amounts of heated water.

5 ASSEMBLY

Cutting and sewing fabric into apparel products



6 DISTRIBUTION

Transportation from assembly location to retail stores
A low impact stage today but could increase if companies switch to aircraft transport.



7 END OF LIFE

Collection and management of apparel products at the end of their useful life (incineration and landfilling)



! NOTE:

Percentages represent the climate change impact (measured in CO₂ eq) of each life cycle stage relative to the total apparel impact

! NOTE:

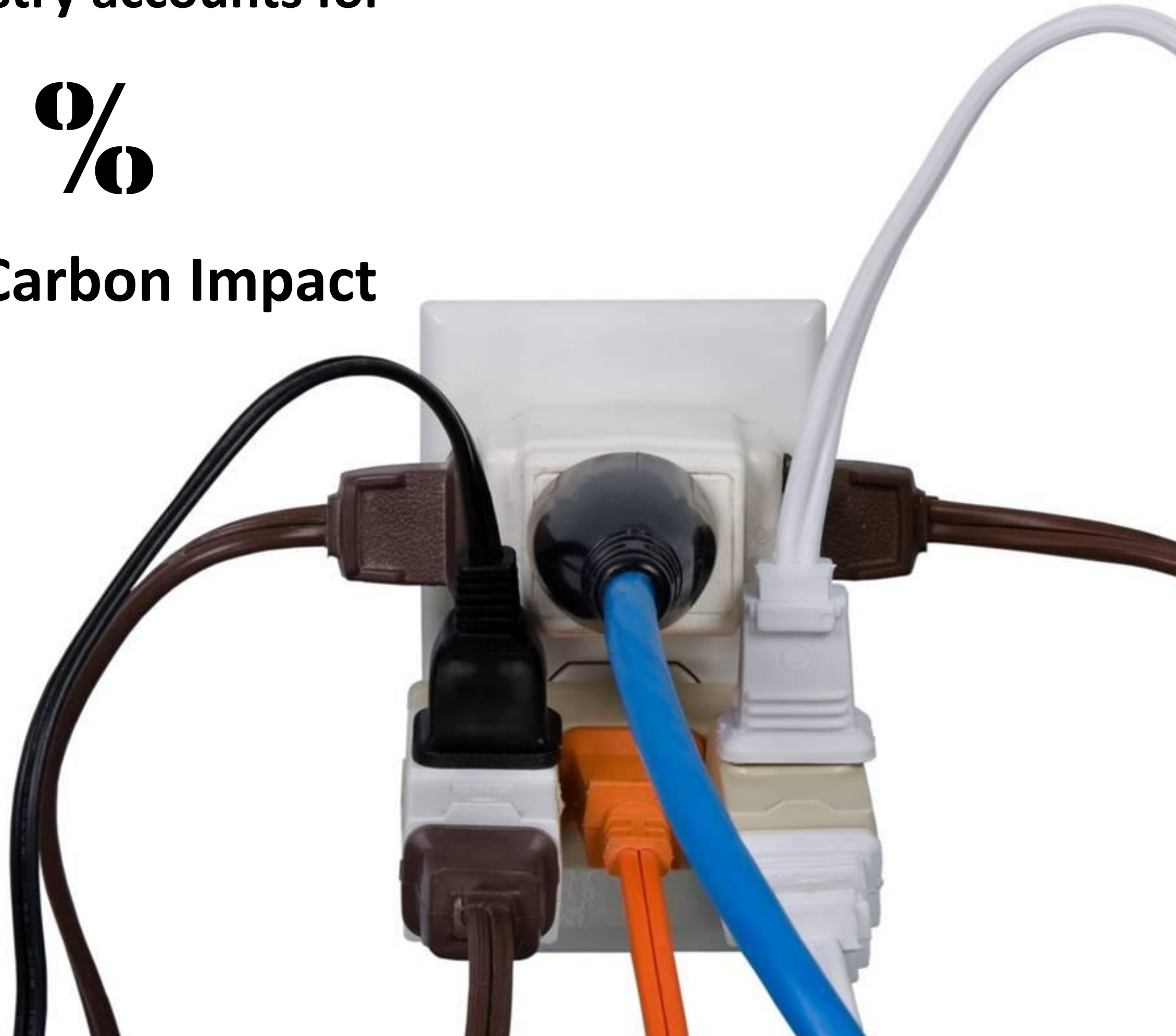
EXCLUSION OF USE PHASE

This typically high impact stage was not included as the study focused on the apparel value chain and manufacturing processes

The textile industry accounts for

10 %

of total global Carbon Impact

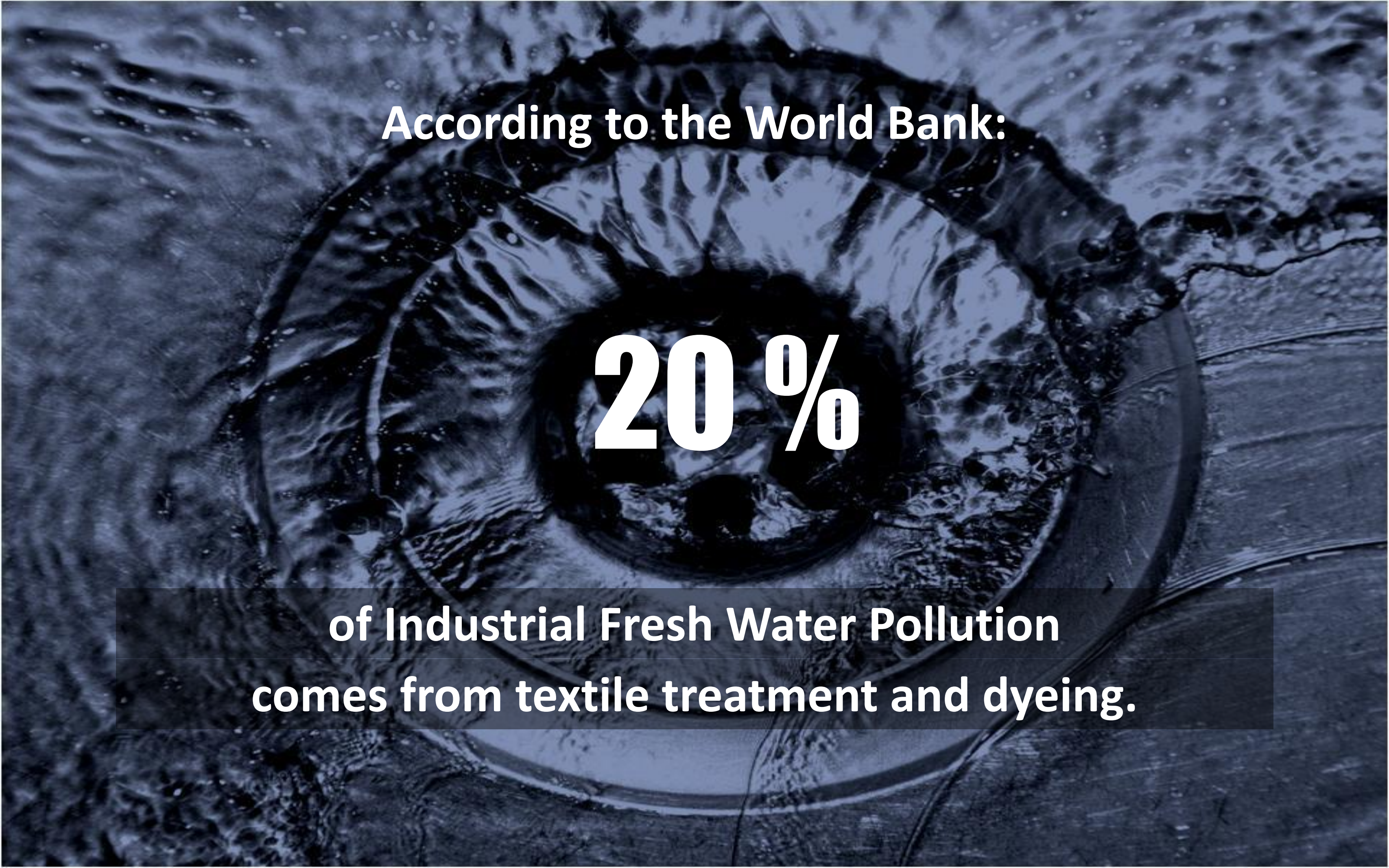




It takes

2700

**liters of Fresh Water
to make 1 cotton t-shirt.**



According to the World Bank:

20 %

**of Industrial Fresh Water Pollution
comes from textile treatment and dyeing.**

The average US citizen throws away

30 KGS.

of clothing every year.





85%

**of textiles are sent to
landfills or incinerators**

WHAT ARE THE MAIN FIBERS AND IMPACTS?



Climate Change



Pollution



Depletion of natural resources



	FIBRES	POLYMERE	ORIGIN - MONOMERE
NATURAL	Cotton / Linen	Cellulose	Glucose HARVEST
	Silk / Wool	Polypeptides	Amino acid BREEDING
ARTIFICIAL	 Viscose	Cellulose	Cellulose TREES-FORESTS
	 Seaweed	Alginates	Alginates SEA WEED
SYNTHETIC	Polyester	polyethylene terephthalate	Acids, alchools, amines
	Polyamide	 Polyamide 66 	PETROL 



Water/ Soil



Intensive agriculture and breeding



Exploitation of forests



Exploitation of fossil fuel



Extraction and transformation

ORGANIC COTTON IS BETTER FOR THE ENVIRONMENT



POTENTIAL SAVINGS... FROM:


GLOBAL WARMING

↓ 46%

Reduced agricultural inputs: i.e. mineral fertilizer, pesticides, tractor operations & irrigation.


ACIDIFICATION
OF LAND & WATER

↓ 70%

Reduced field emissions from fertilizer.
Reduced energy use.


OVER
FERTILIZATION

↓ 26%

Reduced nitrogen & phosphorous deposit into water.
Increased soil protection measures in organic agriculture preventing soil erosion.


WATER
CONSUMPTION

↓ 91%

Less irrigation.


ENERGY USE

↓ 62%

Savings from production of fertilizer.
Less energy used.

FURTHERMORE ORGANIC COTTON ENSURES:



NO USE OF
GMO SEEDS



NO USE OF
TOXIC CHEMICALS

OBJETIVO NEUTRALIDAD en CARBONO en 2025



WE'VE HAD OUR SCIENCE-BASED TARGET APPROVED



Science Based Targets : **el método más robusto** de medir emisiones y fijar objetivos en línea con el **acuerdo de París**.

Nuestro esfuerzos por reducir el CO2 en 2018 han ayudado a que SKFK evite: **1889 toneladas de emisiones de CO2**. Eso equivale a las emisiones de más de **400 coches** de pasajeros (966.308 litros de gasolina) o el equivalente a las emisiones que genera la carga de batería de 240.870.769 smartphones.

CALCULADOR DE IMPACTO POR PRODUCTO



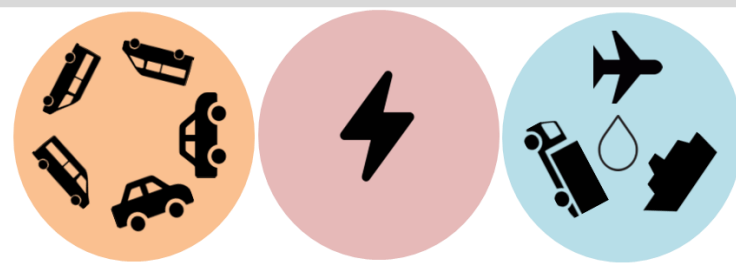
Primera herramienta en comparar ahorros:

por producto
para cada etapa del ciclo de vida
comparado con prendas
convencionales

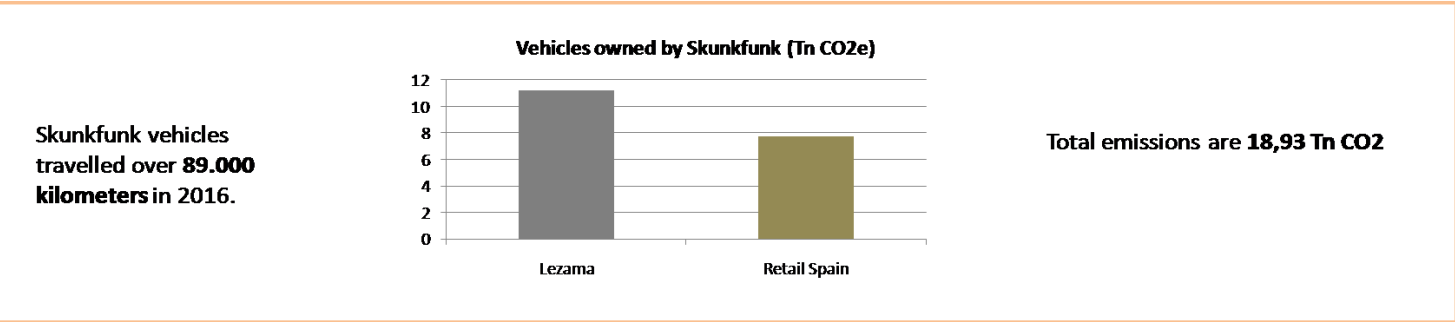
Basado en la base de datos ADEME del
gobierno francés.

1200 puntos de dato
OBJETIVO: ser todos "consumactores"

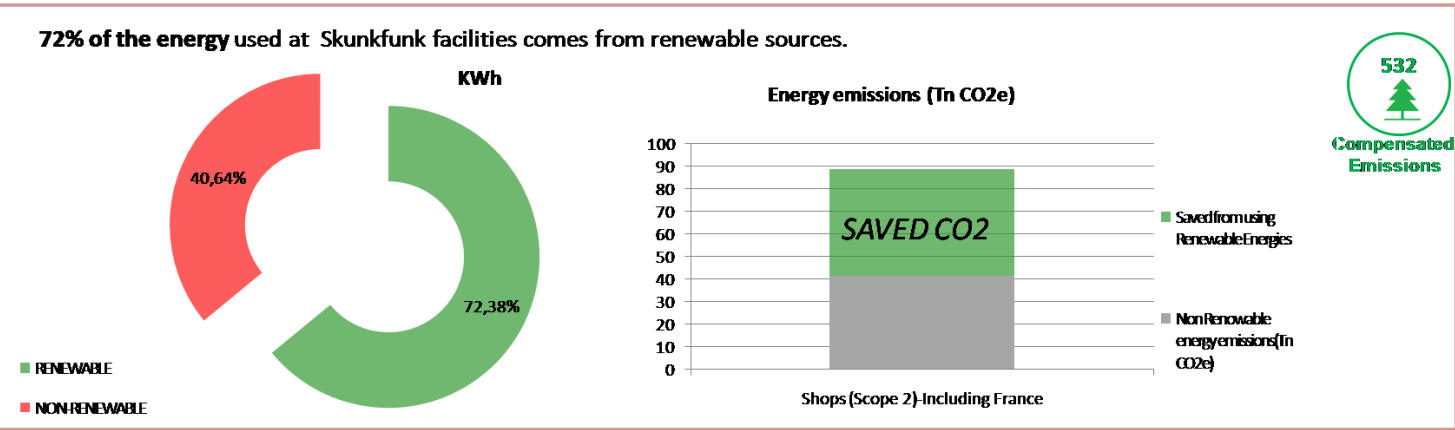
HACIA LA
NEUTRALIDAD EN
CARBONO



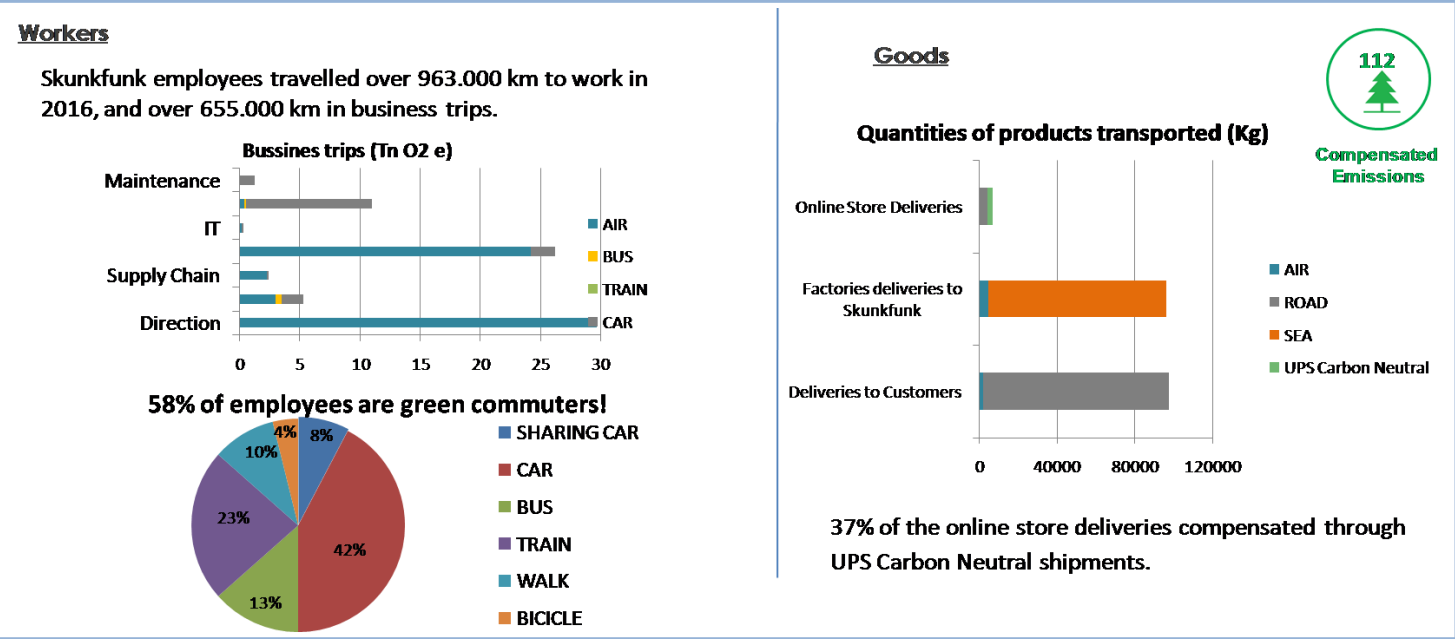
SKUNKFUNK VEHICLES (Scope 1) = 210



ENERGY USE (Scope 2) = 460



EMPLOYEES & PRODUCTS TRANSPORT (Scope 3) = 3.051





ENERGÍA RENOVABLE

Nuestras oficinas centrales y tiendas en España están abastecidas al 100% por energía renovable, certificada por Goiener.



BERRIZAN SKFK FUNDAZIOA



El equipo de SKFK plantando árboles para la compensación del carbono.

THE CUSTOMER HAS THE ULTIMATE POWER!

We have more power with
our euros than with our
votes.

With our purchase, we
give shape to the world
we live in.



CAM / BIO

#JOINTHECHANGE

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