

WILL TECH SAVE US?



CHRISTIAN BARRA
HAMBURG PYTHON PIZZA

@christianbarra

HI THERE!

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THE NEW PROBLEMS ARE NOT THE
CONSEQUENCES OF INCIDENTAL FAILURE
BUT OF TECHNOLOGICAL SUCCESS

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SMALL IS BEAUTIFUL

ERNST F. SCHUMACHER

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1973

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LETTER FROM YOUR CEO: OUR NEW MISSION STATEMENT

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**WE'RE IN BUSINESS TO
SAVE OUR HOME PLANET.**

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NO STRINGS ATTACHED

40 HOURS/WEEK

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HOW WOULD YOU
SPEND YOUR TIME?

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EDUCATION // FOOD //
POVERTY // WATER QUALITY //
INEQUALITY // POLLUTION //
DESTRUCTION OF NATURE // ...

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F12

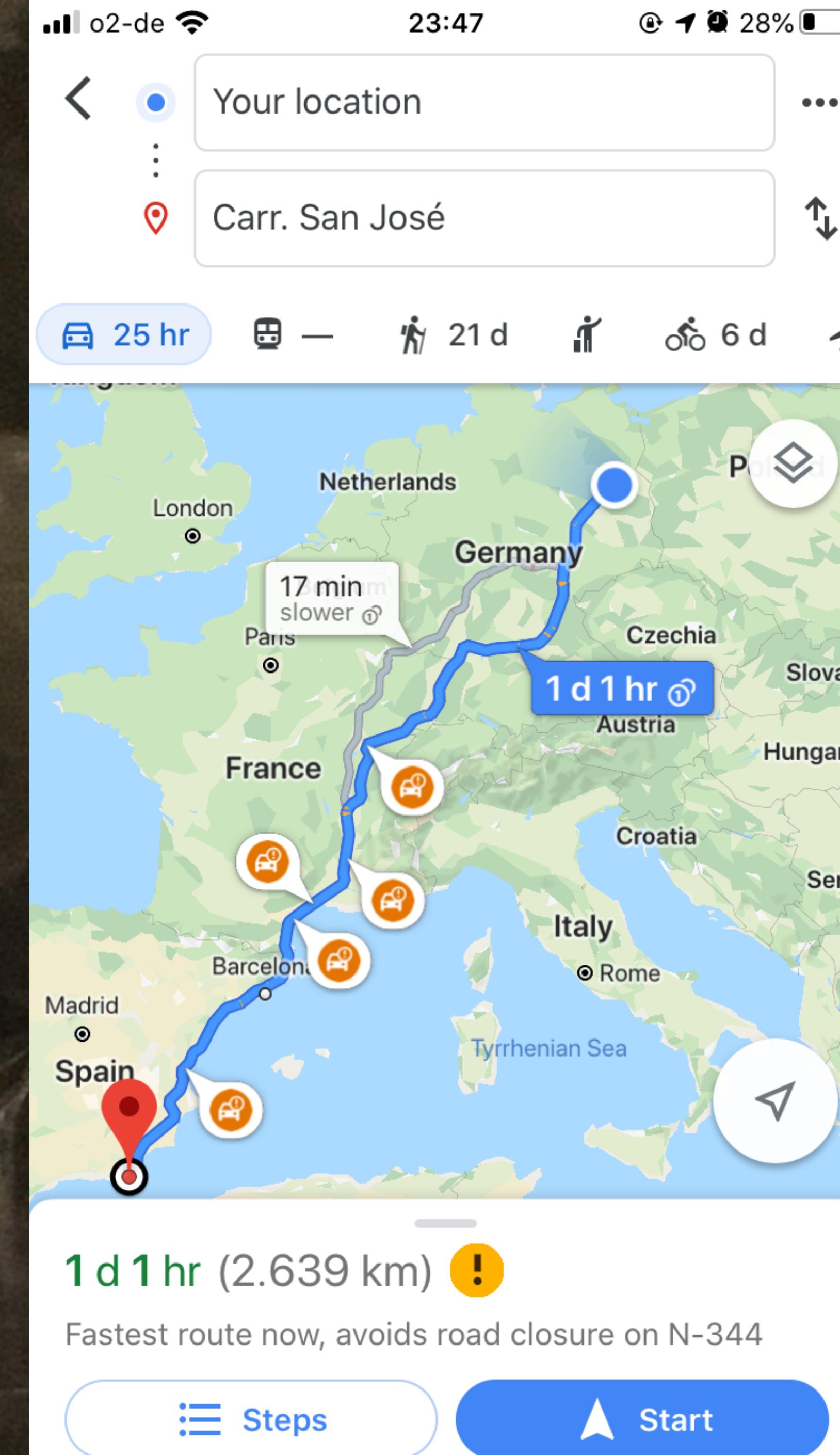
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FOOD AND FASHION

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FOOD

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BY 2050

WORLD POPULATION ~9.8 BILLION

~68% WILL LIVE IN URBAN AREAS

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~1/3 IS WASTED/LOST

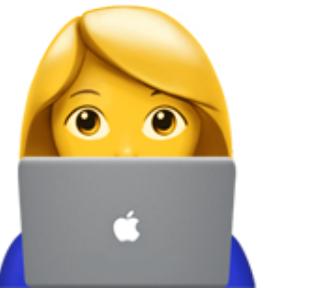
AVOID HUNGER

CAN'T TERRAFORM

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HOW DO YOU MOVE THAT
QUANTITY OF FOOD?

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mv spain/food/



germany/food/



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Plant Disease Library

Search crops...

Search...

Filter by:



555 results found



Tomato Yellow Leaf Curl Virus

TYLCV

* Virus

Tomato



Bean Fly

Ophiomyia phaseoli

* Insect

Bean Pea



Potato Scab

Streptomyces scabies

* Bacteria

Potato



Helicoverpa Caterpillar

Helicoverpa armigera

* Insect

Bean Capsicum & Chili Eggplant

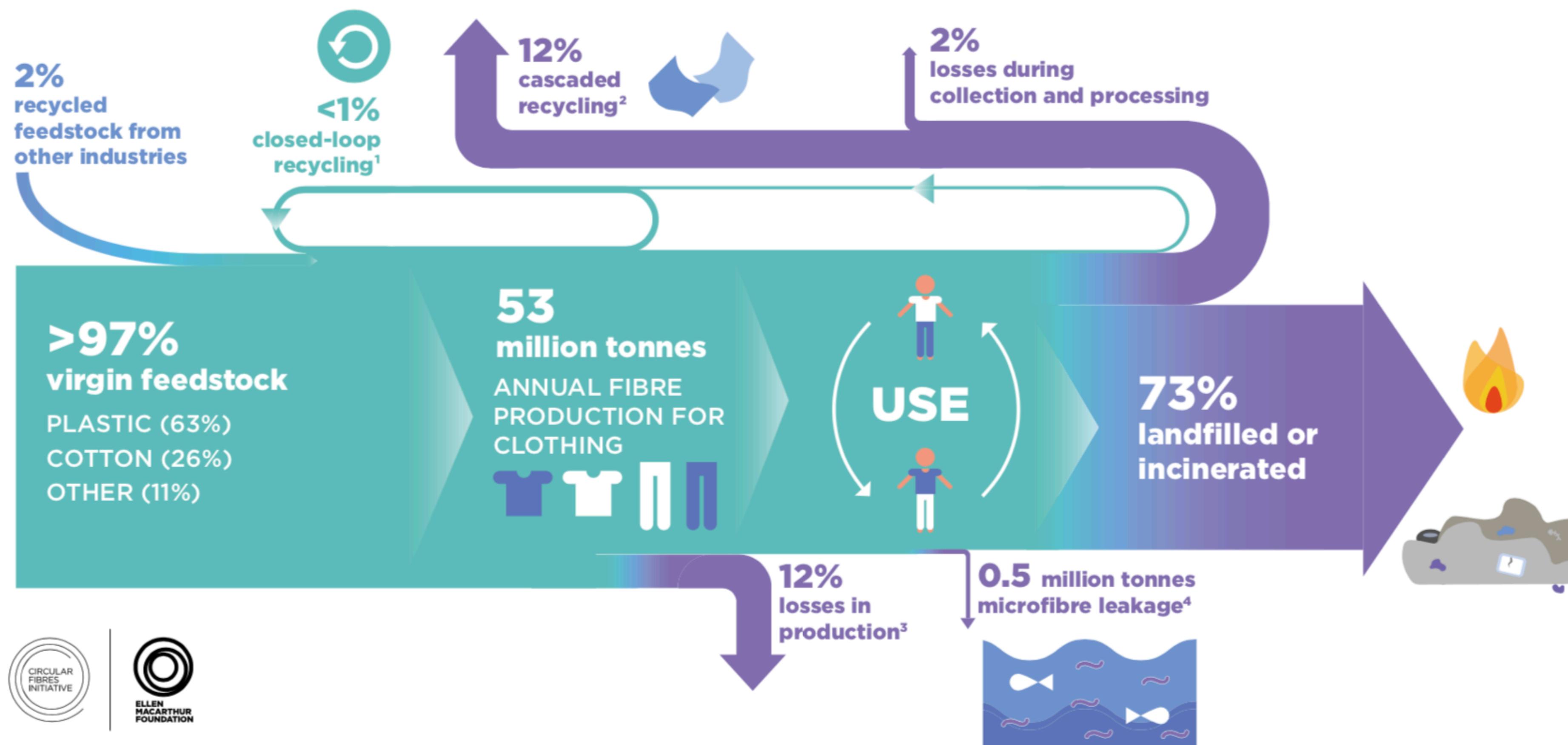
+ 12



FASHION

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FIGURE 3: GLOBAL MATERIAL FLOWS FOR CLOTHING IN 2015



1 Recycling of clothing into the same or similar quality applications

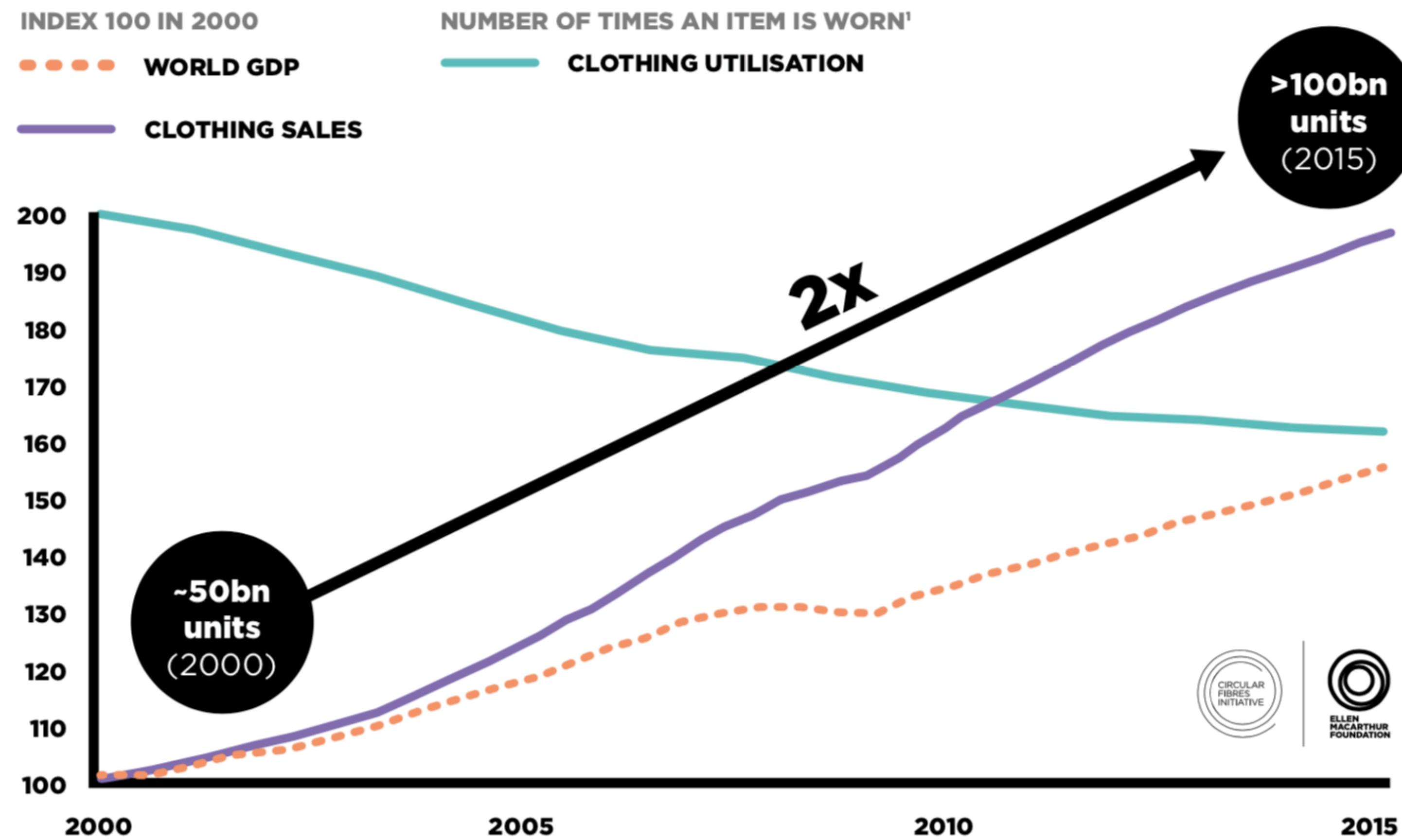
2 Recycling of clothing into other, lower-value applications such as insulation material, wiping cloths, or mattress stuffing

3 Includes factory offcuts and overstock liquidation

4 Plastic microfibres shed through the washing of all textiles released into the ocean

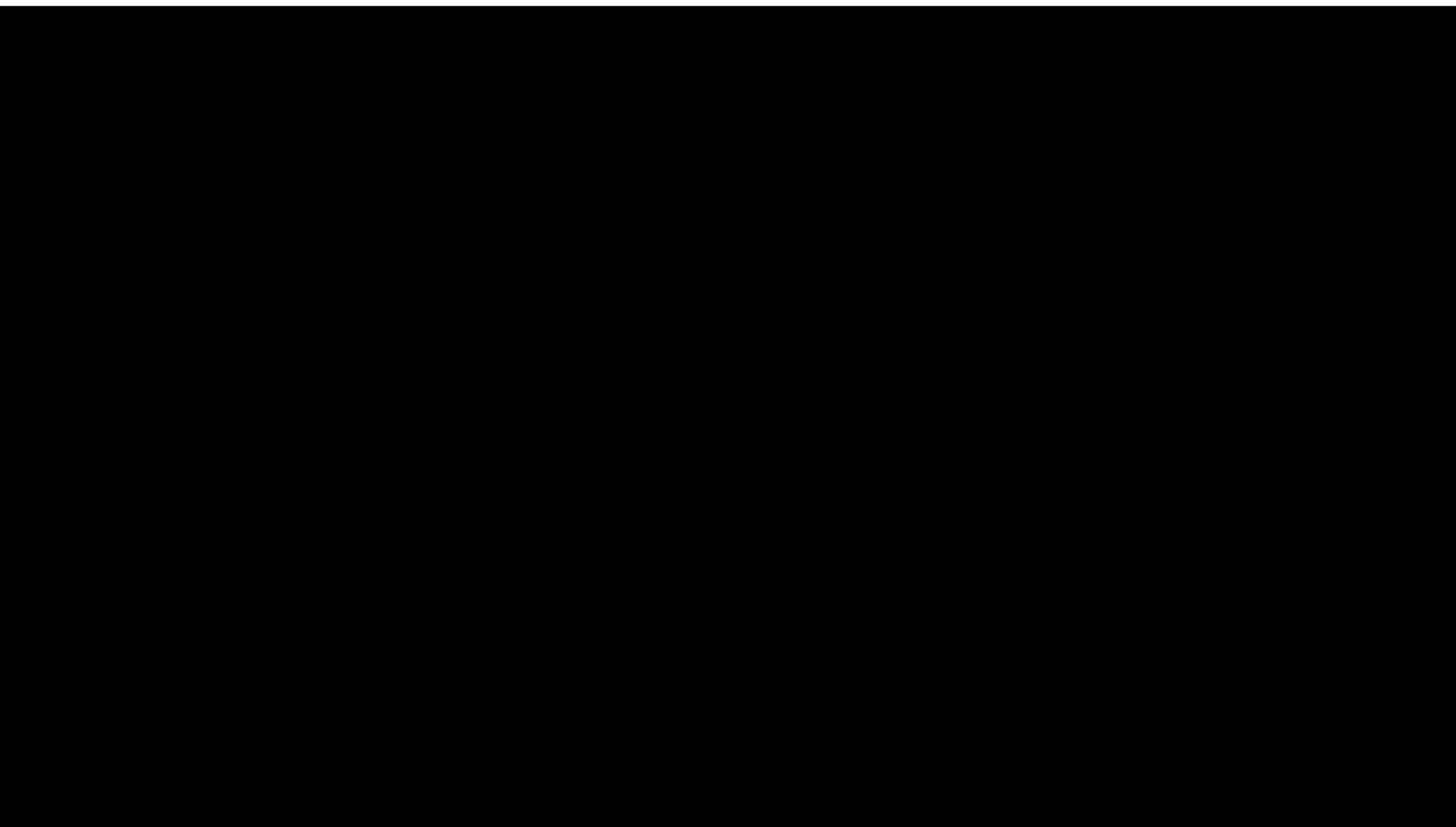
Source: Circular Fibres Initiative analysis – for details see Appendix B

FIGURE 1: GROWTH OF CLOTHING SALES AND DECLINE IN CLOTHING UTILISATION SINCE 2000



1 Average number of times a garment is worn before it ceases to be used

Source: Euromonitor International Apparel & Footwear 2016 Edition (volume sales trends 2005–2015); World Bank, *World development indicators – GD* (2017)



"...regions smaller than 4 pixels wide after the run. Total ED differences maps aren't as useful here due to the way the maps are generated." - GNSERVCF3

```
region_size = 4
```

```
for i in range(len(self.region_map_scenarios)):  
    run = self.region_map_scenarios[i]  
    pattern = self.make_region_Tmaps(self.size, run[1], run[0], run[2])
```

```
# Checks the region sizes of the generated maps before they are  
# passed to the ED map function. Also checks MapStats function is  
# correctly sampling all pixels.
```

CIRCULARITY AND TRACEABILITY

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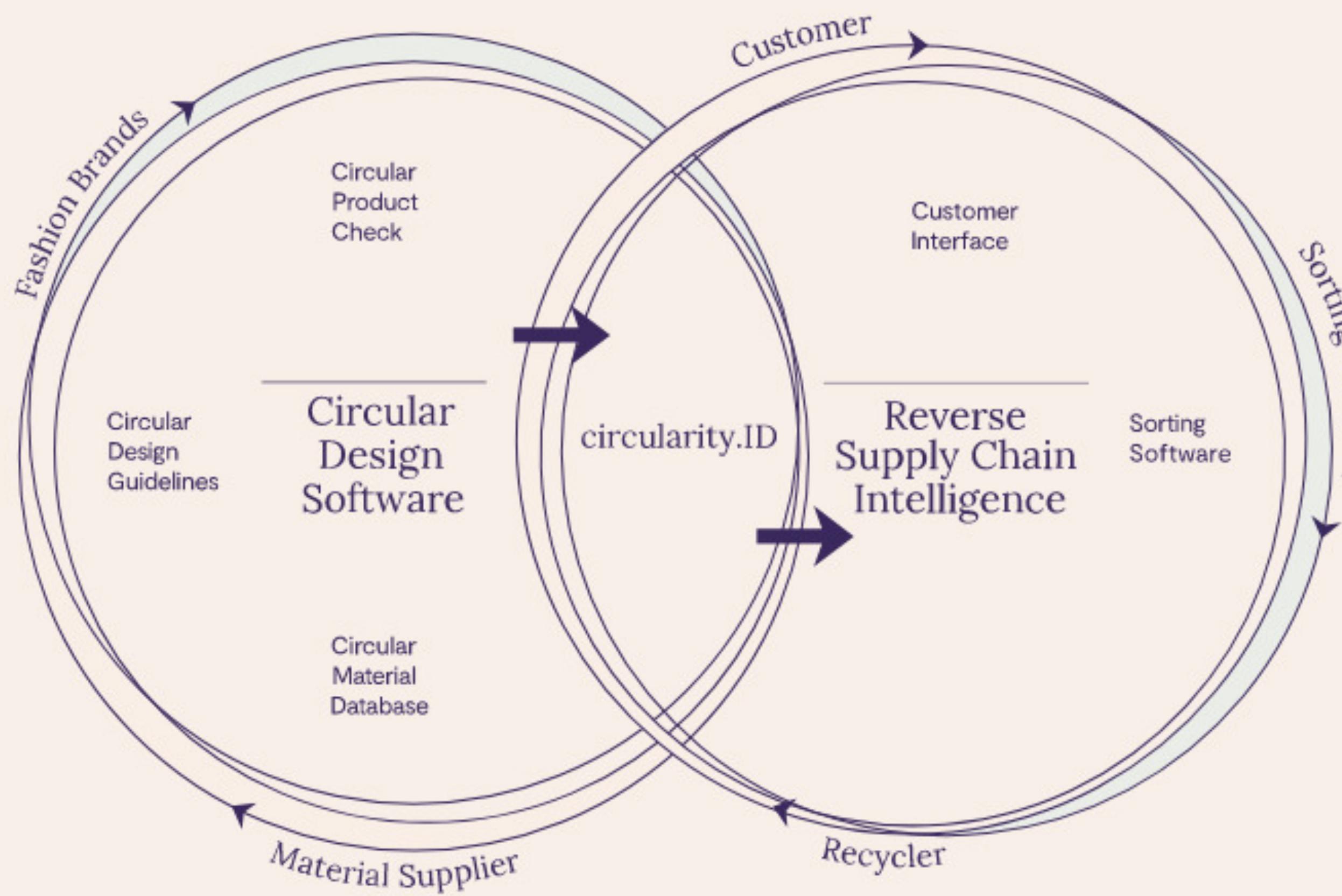
[Sign up](#)



The circular.fashion system enables products of today to become the resources of tomorrow.

circular.fashion is a sustainable change agency creating product- and system innovation for a circular economy in fashion and textiles by:

Therefore, we provide state of the art research, expertise and practical assets through workshops and software tools that help your brand transition towards circular practices.



Explore each part of the circular.fashion system:

1. The Circular Design Software, workshops and sourcing support for fashion brands, enable recyclable product

circularity.ID.



Blouse CHARLOTTE

Colourways:
one colourway,

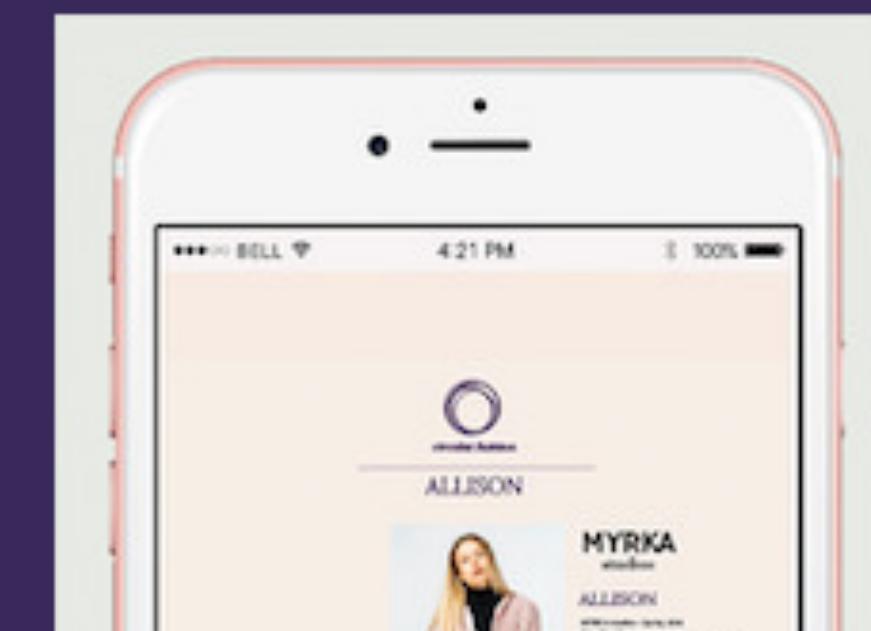
edit

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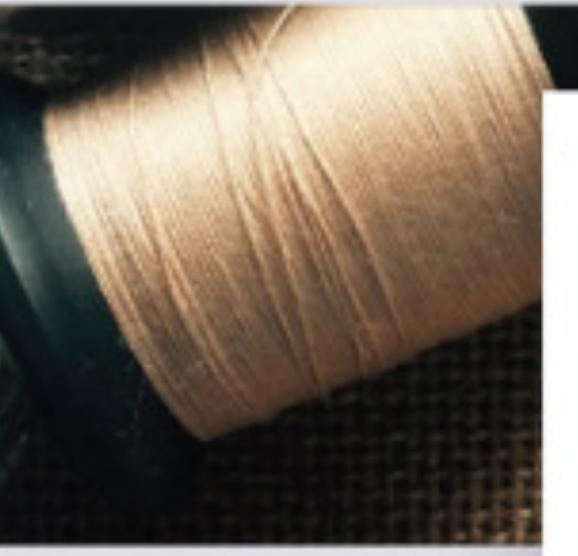
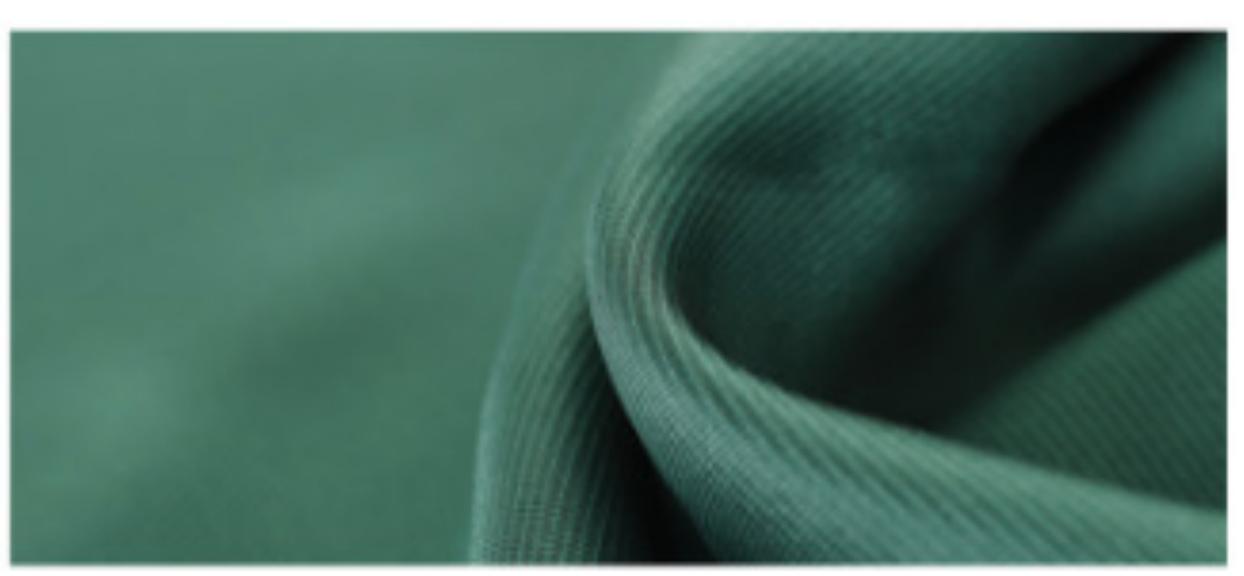
circularity.ID

A unique circularity.ID is created for each approved garment and can be attached as a scannable woven label to the piece. Order the IDs directly online to give your customer access to the digital product site able to trace the product throughout the whole life cycle.



The Customer Interface

Features of the Circular Design Software

	
Additional / Yarn	
Tencel Thread	Fabric
6,15 € / 5000 m excl. VAT	Organic Cotton
	5,50 €/m excl. VAT
Recyclable	
	Biodegradable

Circular Materials

The material database holds hundreds of fabrics, trims and additionals, carefully selected for their sustainable properties and validated for future recyclability by our innovative partner network. Search according to technical and aesthetic preferences and contact suppliers directly on the platform to request sample swatches and place orders. To visit our showroom in Berlin, please contact us on materials@circular.fashion.





Sorting software

The circularity.ID enacts a sorting software where circular garments quickly can be identified at sorting facilities and sent to the matching recycling partner. In the future, the option to bring these recycled textiles back into the production stream will be possible, creating an endless textile loop.

Would you like to be one of the first to get access when the
circular.fashion platform launches?

[Sign Up!](#)

We are proud to be trusted by outstanding fashion brands:



Silfir



The most impactful way to stop climate change? Save rainforests.



HOW OUR SYSTEM HELPS PRESERVE RAINFORESTS



The fight against illegal deforestation with TensorFlow



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Topher White

Founder and CEO, Rainforest Connection

Published Mar 21, 2018

Editor's Note: [Rainforest Connection](#) is using technology to protect the rainforest. Founder and CEO Topher White shares how [TensorFlow](#), Google's open-source machine learning framework, aids in their efforts.

For me, growing up in the 80s and 90s, the phrase "Save the Rainforest" was a directive that barely progressed over the years. The appeal was clear, but the threat was abstract and distant. And the solution (if there was one) seemed difficult to grasp. Since then, other

WHAT ABOUT PYTHON?

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CPYE

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CNRI PROPOSAL # 90120-1A

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CNRI proposes to undertake a research effort called **Computer Programming for Everybody** (CP4E). This effort intends to improve the state of the art of computer use, not by introducing new hardware, nor even (primarily) through new software, but simply by *empowering all users to be computer programmers.*

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**HTTPS://WWW.PYTHON.ORG/
DOC/ESSAYS/CPYE/**

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1. PYTHON AS ENABLER

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1. PYTHON AS ENABLER

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2. TECHNOLOGY IS
POWERFUL

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**3. KNOWLEDGE + SUPER
POWER = OP**

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**4. EAT LOCAL
AND SEASONAL FOOD**

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5. CONSUME LESS

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THANKS

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