



#EUCircularTalks

Carbon emission accounting:

A direct tool to close the loops in a circular economy

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HUMANA Kleidersammlung GmbH

With second-hand towards net-zero



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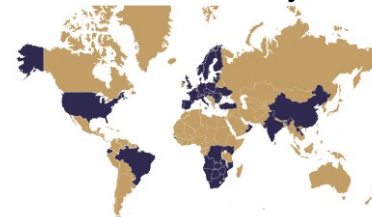


#EUCircularTalks - Carbon emission accounting: A direct tool to close the loops in a circular economy



We are an SME collecting, sorting and selling used clothes and we are a social business: profits are reinvested or used for developm. coop. My name is Julia Breidenstein, I am a co-founder and today responsible for Sustainability, Public Relations and Public Affairs.

**In 2019, we had 130 employees.
We collected 16,450 tons and sorted 3,329 tons of clothes.
Founded in 1988, we work in almost all federal states of Germany.**



**HUMANA People to People international:
29 member organisations work in 45 countries.
1.238 projects reaching 9,6 million people (2021).**

The textile sector

Textiles cause 8 - 10% of all global greenhouse gas emissions.
Production doubled over 15 years.

There is no pathways scenario to net-zero for the textile sector yet.
And no pathways to Decent Clothes For All.

Cotton competes with food concerning agricultural land.
Manmade fibres are mainly made from oil, causing massive
greenhouse gas emissions already at the extraction stage.
Fibre-to-fibre recycling does not provide „the solution“.

THE ENVIRONMENTAL IMPACT OF TEXTILES



of global greenhouse
gas emissions
are caused by clothing
and footwear production



This is more than all international flights
and maritime shipping combined

Sources: EPRS (2017), UN (2018)



Second-hand counts!

Unlike other „waste streams“, used clothes have a great use value: of the clothes we collect, 80% - 85% are worn again as clothes. Second-hand clothes help to avoid production of new clothes and thus greenhouse gas emissions.

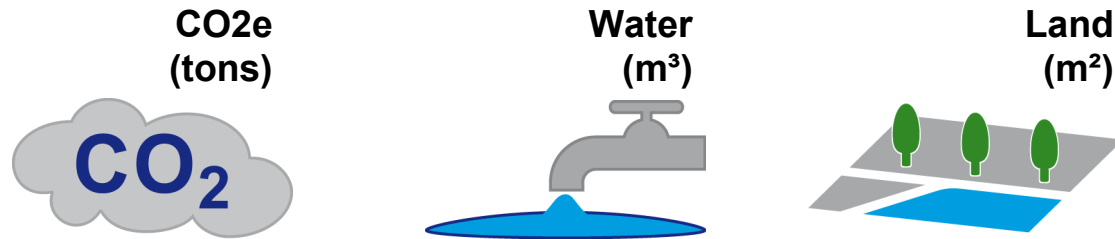
70 % of all people on earth buy second-hand as it is affordable and trendy, and environmental consciousness is rising - not only in Europe. Most EU inhabitants want second-hand to be promoted more.


In the EU, 40 % of clothing is being collected and most of it is worn again as clothes. Globally, exports from the four main export regions EU, USA, South Korea and China have tripled over 15 years.



Our journey – Environmental Impact

Our impact in scope 1, 2, 3 in 2019
Along the entire global value chain
From collection to next user



		CO2e (tons)	Water (m ³)	Land (m ²)
	Caused until next user	10.308	7.914	80.500
	Saved by substitution	156.748	104.498.625	71.059.065

=> Our conclusion from this is: to best serve sustainability, we must grow our business!

Our journey - Transparency

Since 2014 we publish our sustainability figures:

Sustainability Report for 2013, GRI (G4)
completeness of disclosures checked by Global Reporting Initiative,
calculations compliant with greenhouse gas protocol
along the entire global value chain until next user

Sustainability Report for 2016, GRI (G4)
External verification for 69,3 % of our global product stream along
the value chain for re-use/recycling/waste and destinations
(all receivers of > 1,000 tons of clothes,
our aim is all receivers > 100 tons of clothes)

Sustainability key figures for 2019

HUMANA Nachhaltigkeitsbericht

HUMANA Kleidersammlung GmbH, HUMANA Second Hand Kleidung GmbH (Dtld.)
HUMANA People to People - Verein für Entwicklungszusammenarbeit (Österreich)



Nach den Leitlinien der Global Reporting Initiative (GRI) G4
Inhalt: der globale Kontext, der Weg der Kleidung, Mitarbeiter,
Umwelt, wirtschaftliche Leistung, gesellschaftliches Engagement ...

Our journey – Compliance

Since 2018 we involve our partners to increase compliance

- Code of conduct for HUMANA People to People Collections
- HUMANA People to People Principles for the Supply Chain (Human Rights, Environment, Business, Governance)



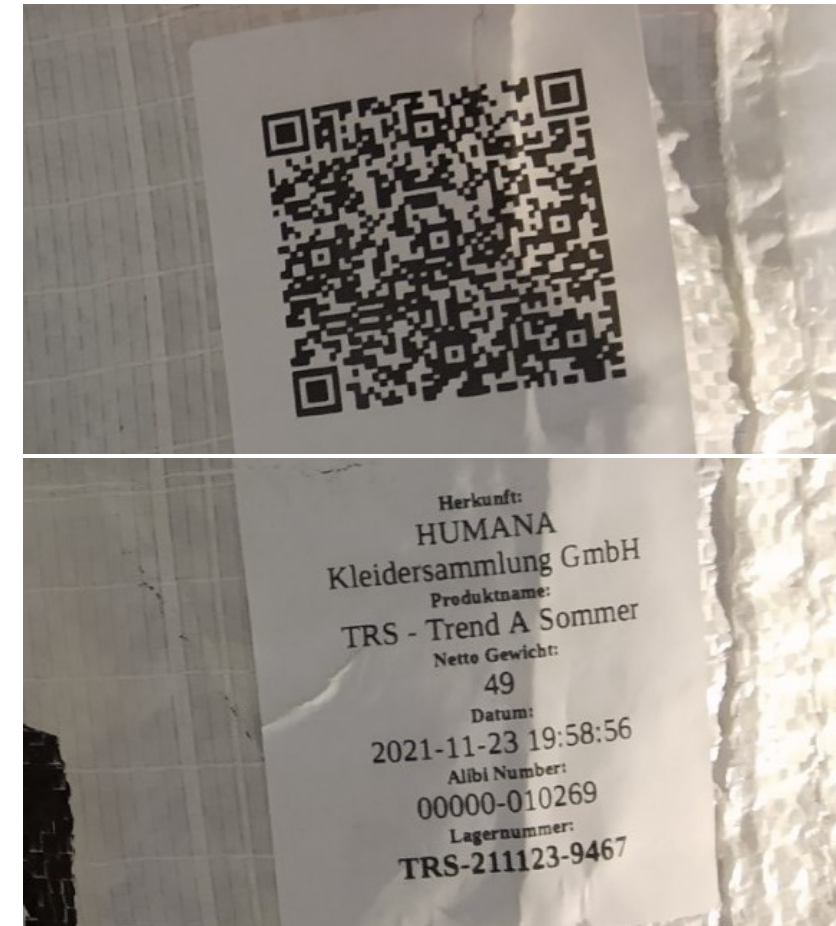
HUMANA PEOPLE TO PEOPLE PRINCIPLES FOR THE SUPPLY CHAIN

COMPLIANCE COMMITMENT FORM page 1/2 (cross the boxes if you agree to the statements listed)

1 HUMAN RIGHTS		
1.1	Our company does not use child labour according to national laws and the ILO Convention no. 138 (any person less than 15)	<input type="checkbox"/> Agree
1.2	Our company does not use any form of forced, bonded, or involuntary labour.	<input type="checkbox"/> Agree
1.3	Our company is responsible for ensuring good working conditions that shall abide by current national legal standards and prevent the exposure of safety hazards to our employees.	<input type="checkbox"/> Agree
1.4	Our company does not discriminate on the basis of ethnicity, religion, age, gender, sexual orientation, disability, union membership, or political affiliations.	<input type="checkbox"/> Agree
2 ENVIRONMENT		
2.1	Our company will continuously act to decrease the negative environmental impacts, and increase the positive environmental impacts, of all aspects of our business operations.	<input type="checkbox"/> Agree
2.2	Our company places priority on preventing direct environmental pollution in the respective countries and regions where we operate.	<input type="checkbox"/> Agree
2.3	Our company obliges to follow the waste hierarchy.	<input type="checkbox"/> Agree
3 BUSINESS		
3.1	Our company ensures that all employees have written working contracts and have the right to join unions.	<input type="checkbox"/> Agree
3.2	Our company provides accident insurance covering medical treatment for work related accidents to all workers/employees.	<input type="checkbox"/> Agree
3.3	Our company ensures that minimum wage shall be paid to all employees whether employed on an hourly, piece-work, commission, time, task, or other basis.	<input type="checkbox"/> Agree
3.4	Our company maintains a transparent and reliable system for recording working hours and wages.	<input type="checkbox"/> Agree
3.5	Our company complies with international trade regulations, specifically regarding financial transactions and the	<input type="checkbox"/> Agree

Our journey – Traceability

Since 2020 we develop and implement a specially tailored digital system for global traceability of each colli collected / sorted / delivered, in cooperation with our partners.





Our journey – Targets

In 2022

- We decided to reduce greenhouse gas emissions per ton clothes collected, covering scope 1, 2 and 3 with 30 % by 2030, compared to base year 2019
- We are looking into Science Based Targets, UNFCCC and „Pathways to Paris“ (PwC, WWF & BMU)

This means:

- Renewable energy in own operation (since long)
- Photovoltaik on our roof for electricity & heating
- Even more efficiency in transport
- Electric vehicles

HUMANA Kleidersammlung GmbH	Tons CO2e per ton clothes collected	
	2019 real	2030 plan
Scope 1 Own vehicles, heating in own operation	0.1	0.0
Scope 2 Electricity in own operation	0.0	0.0
Scope 3 upstream Business travels, subcontractors, purchased goods such as vehicles and collection bins	0.0	0.0
Scope 3 downstream Electricity, heating and business travels in HUMANA shops in Germany Long distance transport to partner sorting centers and final destinations Electricity and heating in partner sorting centers and shops abroad	0.5	0.4
Sum	0.6	0.4

What we find useful

- Global Reporting Initiative Standards
<https://www.globalreporting.org/>
- GHG Protocol Corporate Standard
<https://ghgprotocol.org/>
- SDG Action Manager (UNGC, B-Corps)
<https://www.unglobalcompact.org/take-action/sdg-action-manager>
- Science Based Targets
<https://sciencebasedtargets.org/>



GREENHOUSE
GAS PROTOCOL



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What we think is needed

Standards, tools, trainings and counselling

- should be made available for free
- should be translated into all languages
- should be universal for use in all countries

Policy recommendations

- see ecopreneur.eu's position paper on carbon pricing published last month

<https://ecopreneur.eu/2022/04/11/co2-position/>



Ecopreneur.eu Low Carbon Circular Economy Advocacy Group meeting Timmerman's team

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Last words: Always keep in mind and listen to the most vulnerable ones of our stakeholders!



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Continue the talk

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