MAMMUT'S JOURNEY TOWARDS

«DO OUR BEST - REMOVE THE REST»

«MAXIMIZING POSITIVE IMPACT TO BECOME NET ZERO BY 2030»



Mammut's climate-strategy «DO OUR BEST – REMOVE THE REST» is a comprehensive plan in line with science that outlines our decarbonization journey towards net zero.

Our Purpose to *create a world moved by mountains* inspired us to start the movement «*together for glaciers*». Global warming is the biggest challenge of our time. Since Mammut has been founded in 1862, temperature rose +2°C in the Swiss Alps and glaciers in the Swiss Mountains have shrunk by 50%.

Melting glaciers reflect the accelerating effects of climate change. The loss has the power to move us to act.

By signing the UN Fashion Industry Charter for Climate Action in 2018, we started our climate-journey committing to reduce our absolute GHG-emissions by 30% by 2030 and to become net zero by 2050.

Since then, we got a deeper understanding of our footprint, of the hotspots and potentials both in our own facilities (Scope 1 & 2) but also in our supply chain where the biggest impact lies. It also became obvious that our initial targets are not ambitious enough.

Mammut will move faster: We are working on an accelerated plan to cut our emissions by half in the next ten years and to push our net-zero target towards 2030. Together as an industry we must work towards this goal. The timeline to do this is very short, and the goals are incredibly though to meet. The good new is: We have the knowledge, we have the technologies, we have the right partners, and we know that it makes not only social but also economic sense to act now. This is our mission; this is our commitment. We are on this journey. **All together**. **We do our best. And will remove the rest.**

MAMMUT'S CLIMATE ACTION HISTORY MAXIMIZING POSITIVE IMPACT TO BECOME NET ZERO BY 2030



⁵ ANNEX #5; Mammut company carbon footprint baseline 2018 based on GHG protocol Scope 1-3



CLIMATE ACTION AMBITION - COMMITMENT - TARGETS

GLOBAL WARMING IS THE BIGGEST CHALLENGE OF OUR TIME MAMMUT IS COMMITTED TO BE PART OF THE SOLUTION



+2°C WARMING SINCE 1862 IN SWITZERLAND. SINCE 1862 GLACIERS IN THE SWISS ALPS LOST 50% ICE.

HIGH LEVEL AMBITION MAXIMIZING POSITIVE IMPACT TO BECOME NET ZERO BY 2030



Mammut sets the standard¹ in the industry.

2 Mammut accelerates climate action (CR) to become net zero by 2030².

3 Mammut scores best (A) in the CDP rating and the STAND.earth scorecard.

¹ANNEX #1; Three players are defining the standard ²Mammut corporate strategy 3.0, Must win battle (MWB)



Basically, Mammut commits to deliver on the UN fashion industry charter for climate action³. Based on the metrics for assessing climate leadership formulated by stand.earth.com⁴ Mammut is particularly committed to:



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- 100% renewable energy for its supply chain.
- 2
- Phase out coal use in supply chain by 2030.



- Low carbon materials, striving to phase out fossil fuel-based materials.
- 4 Eliminate materials such as leather sourced from practices that contributes to deforestation.
- 5 Invest in circular business models such as repairability, re-commerce, and recycling.
- 6 Zero emission vessels and to reduce air freight emissions by 50% by 2030.
- 7 Annually publish our GHG emissions of company operations and supply chain at all tiers.
- 8 Track and publicly report GHG emissions and energy use for the most significant T1 and T2 suppliers by applying the HIGG Index FEM until 2023.

SCIENCE BASED TARGETS

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MAMMUT COMMITTED SBT IN APRIL 2020 AND WILL SET SBT BY OCT 2021







CLIMATE STRATEGY - DO OUR BEST GHG-ABATEMENT IN OWN VALUE CHAIN (SCOPE 1-3)

MAMMUT HAS A 5 STEP PLAN TO REACH NET ZERO BY 2030 CLIMATE STRATEGY





MAMMUT'S AMBITIOUS WAY TO REACH NET ZERO BY 2030 Climate strategy





ASSESSMENT OF MAMMUT'S CLIMATE STRATEGY MAMMUT'S NET ZERO STRATEGY IS FULLY ALIGNED WITH SBT-INITIATIVE



Principle 3:

Business model

resilient in a net

Net zero (do our best, remove the rest)

Reducing CO_2 aligned with SBT and 1.5 °C target and remove unavoidable emissions from the air.

In this strategy, value chain emissions are abated at a rate consistent with emissions pathways that meet the ambition of the Paris Agreement and residual emissions are neutralized with CO_2 removal by the time net-zero is reached. In addition, the company contributes to accelerating society's net zero transition beyond its value chain e.g. by compensating all emissions released into the atmosphere while the company transitions towards a state of net-zero emissions.

Do our best, remove the rest.



emissions abatement balance unabated value accumulation of the Paris

Measures to

GHGs in the Agreement and chain emissions zero economy? atmosphere? SDGs? During the transition Value chain to net zero. emissions are res Yes unabated emissions abated at a rate are compensated. consistent with Unavoidable emissions Paris-aligned (if CO₂ are removed from the climate change sequestration is atmosphere to achieve mitigation permanent) net-zero. scenarios

Assessment of Strategy (evaluated against criteria of best practice approach)

Principle 1:

Consistent with

Principle 2:

Consistent with

Conclusion:

Value chain

- Strategy WILL meet Mammut's target to become net zero by 2030.
- Strategy **DOES** set the standard in the industry.

Source: Foundations for science-based net-zero target setting in the corporate sector, Version 1.0, September 2020

MAMMUT'S AMBITIOUS CLIMATE ACTION JOURNEY GOINIG FORWARD MAXIMIZING POSITIVE IMPACT TO BECOME NET ZERO BY 2030



 (\mathbb{C})

Circular

Models

PRIO 1: DO OUR BEST / ACCELERATED ABATEMENT



⁶ANNEX #6, SBT, taxonomy of climate mitigation tactics and outcomes

⁷ final target set after approval of SBT

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⁸ minimum of 45% as requested by SAC resp. max. 55% as requested by STAND.earth for Scope 3 emissions

MEASURES FOR A FOSSIL FREE SCOPE 1

IMPACT: 2% (3.7 MILLION KWH / 900 T CO₂-EQ), BASELINE 2018

Country	Burning oil	Diesel	Natural gas	Petrol (Benzin)	Total (kWh)	% Country	
Switzerland	591'718	593'558	453'324	52'694	1'691'294	46.3%	
Germany	147'929	636'537			784'466	21.5%	
US			408'530	75'945	484'475	13.3%	
Japan			367'562		367'562	10.1%	
Norway		132'546	16'200	0	148'746	4.1%	
UK		132'546	16'200		148'746	4.1%	
France		17'354			17'354	0.5%	
Korea		5'552		1'748	7'300	0.2%	
China*					0	0.0%	
Hong Kong*					0	0.0%	
Total (kWh)	739'647	1'518'093	1'261'816	130'387	3'649'943		
t CO2 eq. In	21.0%	46.0%	29.0%	4.0%	900 t	100.0%	
* China and HK only reported electricity usage for beating							



status

done

vear

Targets for Scope 1

absolute by 2030

Reduce 70-80%⁷ GHG emissions

inline with SBT 1.5°C degree target

Key initiatives

2025 1. Replace oil-heating at headquarter planned 2015 2. Participating in Swiss governmental energy program to reduce ongoing GHG emissions since 2015 (red. of 93 t CO₂-eq). at swiss HQ. Installation of wall-boxes at headquarter (CH/G) 2021 3. 2023 Start switching to electrical cars (2021 Pilot) started 4.

MEASURES FOR A FOSSIL FREE SCOPE 2

IMPACT: 3% (3.5 MILLION KWH / 1'600 T CO2-EQ), BASELINE 2018





status

vear

Targets for Scope 2

absolute by 2030

- Key initiatives
- Reduce 70-80%⁷ GHG emissions 2021 1. Switch to clean energy in Germany (-47%) done 2. Close subsidiary in Korea / HK (-22%) 2021 done inline with SBT 1.5°C degree target 3. Switch to clean energy in Japan, US, CN 2023 planned

MEASURES FOR A FOSSIL FREE SCOPE 3

IMPACT: 95% (55'000 T CO2-EQ), BASELINE 2018



status

started

started

started

started

vear

2030

2030

Scope 3	kg CO2 eq.	t CO2 eq.	% share
Category 1—Purchased goods and services	41′413′154.51	41'413.2	75%
Category 4—Upstream transport	6'464'236.27	6'464.2	12%
Category 11—Use of sold products	2'553'142.42	2'553.1	5%
Category 6—Business Travel	1'406'678.18	1′406.7	3%
Category 12—End-of-life treatment of sold products	1'169'126.56	1′169.1	2%
Category 7—Employee Commuting	1'087'870.93	1'087.9	2%
Category 3—Fuel and energy related activities	740'605.69	740.6	1%
Category 9—Downstream transport	513'829.22	513.8	1%
Category 5—Waste generated in operations	5'417.79	5.4	0%
Check:	-	55'354.06	



Targets for Scope 3

- reduce 55%⁸ GHG emissions absolute by 2030
- inline with SBT 1.5°C degree target.

Key initiatives

1. Phase out coal and other fossil fuels across the value chain	2030
and accelerate the transition to renewable sources of energy	
(support / incentivize our suppliers to switch to clean energy).	
2. Transition to low carbon and fossil free, longer lasting	2030

materials 3. Transitioning shipping to cleaner fuels / reduce air freight

- H	C
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1. RENEWABLE & ENERGY EFFICIENT MANUFACTURING (1/2)



Key initiative - what	Rational –why to act	Measure taken / impact	status
Efforts made by Mammut or our significant suppliers to meet renewable electricity demand through long-term Power Purchase Agreements, in partnership with renewable energy developers or utilities.	Reducing greenhouse gas emissions and use of renewable energy to decarbonize the operations / supply chain offers the biggest potential to reduce GHG, to start with quick-wins (like rope manufacturer) is pragmatic and effective	Our rope manufacturer Teufelberger switched to renewable energies (mainly solar power, wind, hydro- power and biogas) in 2021. The GHG emissions of the rope processing is reduced by 60%.	done
Increase the % of suppliers setting renewable energy and/or s science-based emission targets evaluated by Mammut's supplier evaluation tool on a seasonal basis.	Progress towards coal phase out for electricity and thermal energy demand offers the biggest reduction potential in the supply chain. To commit resp. to set ambitious climate targets is the beginning of the transformation needed.	From 56 T1 suppliers 9 (16%) scored in the best category ⁹ resp. 3 (5%) scored good / above average ¹⁰ . 21% of T1 have set climate targets	ongoing
Shifting of supply chain to regions with high levels of renewable electricity.	Mammut (and the industry) will fail way short of climate targets unless it takes dramatic action to eliminate fossil fuels from Asian supply chains and phase out fossil fuel-based plastic fabrics like polyester. Typically, EU based suppliers are less dependent on fossil fuel energy mix.	Currently we source 20% of our purchasing volume in Europe. Our strategy is to shift another 10% of supplier to Europe (preferably to countries with high level of renewable electricity).	started

⁹ they have implemented measures to reduce GHG emissions e.g. purchasing RE, install solar panels, strong energy efficiency improvements, offsetting their emissions ¹⁰ they are committed to ambitious climate reduction targets (UN Fashion Industry Charter for Climate Action, SAC Member, SBTi)

1. RENEWABLE & ENERGY EFFICIENT MANUFACTURING (2/2)



Key initiative - what	Rational –why to act	Measure taken / impact	status
Spectre is our most significant T1 supplier for 18 years. Together we kicked off a project aiming to build a supply chain that maximizes our impact towards net zero. The project includes all Tiers. End-to-End ¹¹ .	Our partners Mountain plastic (producer of recycled PES in Nepal) and rPETcertified (T2) have the potential to eliminate 67% of CO ₂ -emissions. Spectre has the potential to eliminate 4% CO ₂ -emissions. To tackle the challenge of climate change we must collaborate with our suppliers. Once we have a proof of concept, we can inspire other suppliers to adapt the role model. We want to promote this case within the industry and beyond.	SPECTRE analyzes how they can further energy optimize their existing buildings in Latvia, Vietnam and Denmark. They will gain valuable knowledge during the design and construction of their new Vietnam factory which will be LEED Gold certified. Together we develop a best practice low-carbon supply chain enabling the achievement of our net- zero target for all strategic product groups and families.	started

2. RENEWABLE ENERGY ADVOCACY



Key initiative - what	Rational –why to act	Measure taken / impact	status
Support halting the expansion of fossil fuel exploration Calling for an ending of investment in coal power plants or fossil fuel infrastructure.	New investments in coal electricity generation underway in countries like Vietnam, Bangladesh and China where Mammut and many other global apparel brands manufacture their products threaten to lock Mammut into even greater consumption of coal when climate science demands a rapid phase out coal from the apparel sector's supply chain.	Among other actions in the policy field, Mammut signed a letter of endorsement to the attention of the Prime Minister of the Socialist Republic of Vietnam, ssignalling support for Vietnam's DPPA (Direct power purchase agreement).	done
Green new deal legislation Mammut publicly supports the Swiss Glacier Initiative, coming to vote by 2022.	The political Initiative aims to anchor the targets of the Paris agreement into the Swiss constitution and wants to ban the use of fossil fuels by 2050.	Mammut has been at the forefront supporting the Glacier Initiative end of Nov. 2019 when the petition has been submitted to the swiss parliament.	done
Green new deal legislation Mammut publicly supports and advocates for the CO ₂ Act that came to vote on 13 th of June 2021 and was rejected by the electorate.	The revised CO_2 Act would have allowed Switzerland to build on and reinforce its current climate policy. The Act contained a range of measures that aimed to further reduce CO_2 output by 2030, continuing to rely on a combination of financial incentives, investments and new technologies. Climate-friendly behaviour would have been rewarded, while anyone who causes a large amount of CO_2 , for example frequent flyers, had to pay more. Investments in buildings and infrastructure had received support and innovative businesses promoted.	Mammut publicly advocated on the Federal Act on the reduction of GHG-emissions (CO ₂ Act) by supporting the Campaign "Vote now, ride later" in cooperation with POW (Protect our winters).	done

3. LOW CARBON AND LONGER LASTING MATERIALS



	Key initiative - what	Rational –why to act	Measure taken / impact	status
	Recycled Polyamide We start a First Circular Model –Close the Loop with ropes. We collect ropes, econyl recycles them and we produce new products out of it.	Mammut used 600t PA in 2020. Our goal is to use 45% rPA for Apparel resp. 65% for Packs by 2025 ¹² . Ropes are our DNA and our challenge, ropes account for 13% of our annual carbon footprint. With this circular model we give ropes a second life, decrease the dependency on fossil fuel-based PA and prevent them from landfill / incineration.	Successful pilot project delivered the proof of concept and won the ISPO gold award 2021 as well as the German award for sustainability projects 2021. Currently we scale the project to 14 other EU countries.	started
2	Recycled Polyester. 2010 we started using rPES. Currently we use 32% rPES for Apparel, 22% for sleeping bags and 60% for packs. 2021 we started a partnership with a Nepalese pellet manufacturer.	Mammut used 425t PES in 2020. Our goal is to use 95% rPES for all products by 2025. rPET uses significant less energy and generates less GHG emissions. By nominating a pellet manufacturer, we get control over feedstock and decrease our dependency on fossil fuel-based PES significantly.	Mammut teams up with Mountain plastic exclusively and builds up a resilient supply chain with strong specialized partners like rPETcertified (or existing T2 partners experienced to process PET-pellets).	ongoing
3	Organic Cotton. 2009 we started using organic cotton. Responsible Leather. Since 2015 we source our leather from Heinen / terracare.	Mammut used 48.5t cotton in 2020. Our goal is to use 100% organic cotton by 2025 because it outperforms conventional cotton in many environmental aspects and uses less CO_2 .	 1'000'000 CO₂-neutral T-shirts sold since 2013 from bioRE. 90% CO₂-neutral leather from Heinen sourced in Germany. Highest environmental standard, fully traceable 	ongoing

4. GREENER SHIPPING

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	Key initiative - what	Rational –why to act	Measure taken / impact	status
1	Reduce Air freight Air cargo shipments carry an emissions footprint typically 40-50 times higher than a similar shipment by cargo ship.	Air cargo footprint is 40-50 times higher than shipment by cargo ship. Upstream transport via air contributes to 91% of the impacts in category 4 & to 10% of the total GHG emissions for scopes 1-3 (baseline 2018). Air freight + 30% in 2019 accounting for 13% of total CO2 emissions. Air freight is the no 1 identified low hanging fruits.	Switching to ocean cargo or rail freight. Reduction target set ¹³	started
2	Ocean cargo shipping "slow steaming"	Ocean cargo shipping emissions could be cut an additional 30% or more if brands shifted to carriers that have adopted "slow steaming" practices in the operation of their shipping fleets, as a 20% reduction in speed can deliver dramatic reductions in GHG emissions (34%), black carbon (20%) and other air pollution by one-third.	none	planned



CLIMATE STRATEGY - REMOVE THE REST COMPENSATION & NEUTRALIZATION APPROACH

ROLE OF OFFSETTING AND REMOVAL IN A NET ZERO STRATEGY BASED ON SBT FOUNDATIONS REPORT



Definition "net-zero emissions"

he achievement of a state in which MAMMUT removes from the atmosphere as much greenhouse gas emissions as it causes (PCC,2018)



Compensation through conventional carbon offsetting



removed

1. role of offsetting in the transition to net-zero

Mammut starts to compensate or to neutralize emissions that are still being released into the atmosphere *while* we transition towards a state of net-zero emissions. Mammut starts offsetting from 2022 going forward.

Investing in traditional offsets will lead to climate neutrality but not to a net-zero state. Offsetting does not mean that we do not invest in emission abatement in our own supply chain with highest priority.

2. role of offsetting at net-zero

Companies (like Mammut) with residual emissions within their value chain are expected to neutralize those emissions with an equivalent amount of carbon dioxide removals.

Both compensation and neutralization measures by companies can play a critical role in accelerating the transition to net-zero emissions at the global level. **However, they do not replace the need to reduce value-chain emissions in line with science.**

SwissRE; do our best - remove the rest

CURATED CARBON CREDIT PORTFOLIO WITH CARISMATIC PROJECTS POSITIONING ROLE & PURPOSE OF PLAYERS





ANNEXES DO OUR BEST - REMOVE THE REST

Mammut advocates for the Paris Agreement and supports the Swiss Glacier Initiative.



United Nations Climate Change





ANNEX#1 THREE PLAYERS ARE DEFINING THE STANDARD

Mammut's climate strategy "do our best – remove the rest" is based on best practice approaches and fulfills highest standards.



Science Based Targets (SBT) Carbon disclosure project (CDP) New climate institute Data driven envirolab



STAND.earth



UN FASHION INDUSTRY CHARTER FOR CLIMATE ACTION (RELEVANT POINTS

Support Paris Agreement well below two degrees Celsius



analyzing & setting a decarbonization pathway based on methodologies from the SBTi



Commit to prioritizing materials with low-climate impact without affecting negatively other sustainability aspects



As soon as possible and latest by 2025 not installing new coal-fired boilers within Tier 1 & 2





3

6

8

Support the movement towards circular business models and acknowledge the positive impact...



- 30 % GHG emission by 2030 in scope 1, 2 and 3 (GHG-Protocol Standard)



2

9

Quantify, track and publicly report our GHG emissions, consistent with standards and **best practices**



Commit to continuously pursue energy efficiency measures and renewable energy in our value chain





Support global transition to lowcarbon transport by giving preference to low-carbon logistics



Develop a strategy incl. targets and plans to advocate for the development of policies and laws to empower climate action



ANNEX#3 The big five // metrics for assessing climate leadership





STAND.EARTH: INDICATIVE COMPANY INPUTS INTO SCORING CRITERIA



	Commitment	Transparency	Implementation Plan and Progress	Advocacy
Commitment to 1.5 °C Pathway & Transparency	2030 GHG Reduction Targets: Scope 1&2 GHG Commitments Scope 3 GHG Commitments eg-Science Bosed Target Initiative, Sustainable Apparel Coalition	Annual GHG Emissions Company Operations Supply Chain & Scope 3 emissions Egr CDP, Annual Sustainability Report	Implementation plan for achieving 2030 target(s) Progress on GHG Target GHG Emissions Trajectory Investment in clean energy	 Specific advocacy supporting stroom national climate targets Public support of green new deal legislation Support haiting the expansion of fossil fuel exploration
Renewable & Energy Efficient Manufacturing	Company renewable targets Supply Chain renewable targets Coal phase out commitment Energy Efficiency goals or performance targets	 Publication of suppliers in manufacturing supply chain Reporting of energy mix and GHG emissions at supplier and facility (eg: via Higg Facility Module) or country level % of significant suppliers publishing GHG emissions 	 Elimination of coal for thermal demand in mills and factories Energy efficiency investments in mills or production facilities Renewable energy deployed directly or by suppliers Significant suppliers with renewable/ GHG targets 	Opposition to new fossil fuel electricity generation Public support of renewable energy mandates and electrification investments Public support for retirement of coal power plants in supply chain countries
Low Carbon & Longer Lasting Materials	Commitment(s) to low carbon and fossil free free materials Commitment(s) to closed loop materials and clothing Quantified recycled fabrics/materials target(s)	Publication of raw material suppliers Annual reporting of material mix used in fabrics/apparel Annual reporting of deadstock & method of destruction or recycling	Progress transitioning away from high carbon materials % of products using closed loop recycled materials switch from polyester suppliers using fracked fossil fuels Prohibition on material suppliers investing in polyester production from coal	Public support of restricting or banning of fracking technology Public Support for national or regional EPR (Extended Producer Responsibility) standards that apply to apparel
Greener & Fossil Free Shipping	 Shipping emissions covered under existing or separate GHG target Commitment to shipments via Zero Emission Vessels by 2030 	Annual reporting of upstream logistics GHG emissions Publication of primary cargo carriers	Transition to lower carbon shipping and greener fuels Prioritization of carriers with decarbonization plan aligned with Paris Agreement	Advocacy for Zero Emission Vessels Support for National or Regional Policies to reduce shipping pollution or support green port infrastructure

In line with the criteria above, companies will be awarded a letter grade (A-F) in each impact area, plus an overall grade, weighted as follows:

0	1.5 Commitments and Supply Chain Energy Transparency:	25%
0	Renewable and Energy Efficient Manufacturing:	35%
0	Renewable Energy Advocacy:	15%
0	Low Carbon and Longer Lasting Materials:	15%
0	Greener Shipping:	10%

COMPANY CARBON FOOTPRINT BASELINE 2018





ANNEX#6 TAXONOMY OF CLIMATE MITIGATION TACTICS AND OUTCOMES





ANNEX#7 DECARBONIZATION MATERIALITY ASSESSMENT





Reduction potential by 2030



PROJECT SCOPE OF «SUPPLIER ENERGY»-PROJECT LEAD BY MAMMUT & SPECTRE



WE CARE KPI RECYCLED MATERIALS (VOLUME BASED)















Temporary sustainability landing page:

https://www.mammut.com/ch/de/support/sustainability WE CARE Target Report https://assets.ctfassets.net/I595fda2nfqd/5UestirLPjGop RcZ3vE2ij/ddf0c0044bcc911b7eb12427a3f05013/MAM MUT_Target_Report_EN-6244.pdf



SHIPPING EMISSIONS GHG TARGETS



Air freight is a big lever to reduce CO₂ emissions

- Upstream **transport via air** contributes to **91% of the impacts** in category 4 & to **10% of the total GHG emissions** for scopes 1-3.
- Air cargo footprint is 40-50 times higher than shipment by cargo ship.



2021 / SS23 must deliver TURNAROUND



ANNUAL GHG EMISSIONS, 2018 / 2019 (SCOPE 1-3)



		2018 2019		2018 vs 2019			
	Tonnes CO2 eq.	kt CO2 eq.	% share	Tonnes CO2 eq.	kt CO2 eq.	% share	Change [%]
Scope 1	873	0.9	2%	800	0.8	1%	-8.4%
Scope 2	1'569	1.6	3%	1'563	1.6	2%	-0.4%
Scope 3	55'319	55	96%	64'368	64	97%	16%
Total	57'762	58	100%	66'731	67	100%	16%
Scope 3	kg CO2 eq.	t CO2 eq.	% share	kg CO2 eq.	t CO2 eq.	% share	Change [%]
Category 1—Purchased goods and services	41'391'662	41′392	75%	47′572′280	47'572	74%	15%
Category 3—Fuel and energy related activities	740'606	741	1%	697'056	697	1%	-6%
Category 4—Upstream transport	6'464'236	6'464	12%	8'434'250	8'434	13%	30%
Category 5—Waste generated in operations	5'418	5	0.01%	1'320	1	0.002%	-76%
Category 6—Business Travel	1'406'678	1′407	3%	1′520′189	1′520	2%	8%
Category 7—Employee Commuting	1'087'871	1'088	2%	1'108'616	1'109	2%	2%
Category 9—Downstream transport	513'829	514	1%	528'686	529	1%	3%
Category 11—Use of sold products	2'540'023	2′540	5%	3'427'494	3'427	5%	35%
Category 12—End-of-life treatment of sold products	1'169'127	1′169	2%	1'077'981	1′078	2%	-8%
Total	55'319'450	55'319	100%	64'367'871	64'368	100%	16%

ANNUAL GHG EMISSIONS, 2019/2020 (SCOPE 1-3)



		2019		2020		2019 vs 2020	
	Tonnes CO2 eq.	kt CO2 eq.	% share	Tonnes CO2 eq.	kt CO2 eq.	% share	Change [%]
Scope 1	800	0.8	1%	603	0.6	1%	-24.6%
Scope 2	1′563	1.6	2%	1′101	1.1	2%	-29.6%
Scope 3	64'368	64	97%	48'925	49	97%	-24%
Total	66'731	67	100%	50'629	51	100%	-24%
Scope 3	kg CO2 eq.	t CO2 eq.	% share	kg CO2 eq.	t CO2 eq.	% share	Change [%]
Category 1—Purchased goods and services	47′572′280	47′572	74%	37'669'367	37'669	77%	-20.8%
Category 3—Fuel and energy related activities	697'056	697	1%	432'298	432	1%	-38%
Category 4—Upstream transport	8'434'250	8'434	13%	6'156'210	6'156	13%	-27%
Category 5—Waste generated in operations	1'320	1	0%	3'952	4	0%	199%
Category 6—Business Travel	1′520′189	1′520	2%	527′581	528	1%	-65%
Category 7—Employee Commuting	1′108′616	1'109	2%	337'565	338	1%	-70%
Category 9—Downstream transport	528'686	529	1%	352'473	352	1%	-33%
Category 11—Use of sold products	3'427'494	3'427	5%	2'576'971	2'577	5%	-25%
Category 12—End-of-life treatment of sold products	1′077′981	1'078	2%	868'585	869	2%	-19%
Total	64'367'871	64'368	100%	48'925'002	48'925	100%	-24%

SUPPLIER LIST TIER 1 (EUROPE)



Factory Name	Parent Company Name	Country	OAR	Year of starting business
Walter Stohr GmbH (#)	Walter Stöhr GmbH	Germany	DE2019143RN13BS	2002
P.A.C. GmbH (#)	GW Sport-Brands GmbH	Germany	DE2019345R4N0J4	2017
Trere Innovation SRL Unipersonale	Trere Innovation SRL Unipersonale	Italy		2020
Spectre Latvia (Auce)	Spectre A/S	Latvia	LV2019345CMTX7R	2004
Spectre Latvia (Rezekne)	Spectre A/S	Latvia	LV2019345WE89QC	2005
Nemo Ltd.	Spectre A/S	Latvia	LV2019345X29NMB	2017
Spectre Latvia (Kalnciems) (HQ)	Spectre A/S	Latvia	LV2019345CTZ9Y6	2005
Utenos Trikotazas	AB Utenos Trikotazas	Lithuania	LT2019354HBTY2E	2017
JU-KA 1	Workfashion	North Macedonia	MK20200159ZGHY9	2015
FILATI M.Kubiak S.J	Filati Miros?aw Kubiak Sp.	Poland		2018
Olmac - Olimpio Miranda, Lda	Olmac	Portugal	PT2019345TWNSSS	1993
Sc Rekord Srl	Rekord S.R.L.	Romania	RO2019345JPFCB7	2007
Traxler AG (#)	TRAXLER AG Strickwarenfabrik	Switzerland	CH2019345MYE058	2017
MEMTEKS TEKSTIL A.S.	Memteks Tekstil San. VeTic. A.?.	Turkey	TR2019098ZJK5P2	2020

SUPPLIER LIST TIER 1 (ASIA)



Factory Name	Parent Company Name	Country	OAR	Year of starting business
Youngone CEPZ Ltd.	Youngone Corporation	Bangladesh	BD2019096YG42E3	2015
Liwaco Outdoor Sporting Goods (Hubei) Co Ltd	Lever Style Ltd	China	CN20190830Z40Y9	2005
Heshan Huadeng Gaozhi Garments Co., Ltd (KTC)	KTC Limited	China	CN2020006WMF7Z0	2006
Zhangpu Qianyuan Fabric MFG Co., Ltd	Maegaki Co. Ltd.	China	CN2019345SJJEVF	2007
Dingtai Travelling Sports Goods (Xiamen) Co., Ltd (Kingtai)	Great King Garment Co., Ltd	China	CN2020140ESWFDS	2019
Sunshell Group ChinatexHenry Apparel ManufacturingCo., ltd (Shandong)	Mitsui Bussan Inter-Fashion LTD	China	CN20193455MBWV4	2015
Shanghai Huaxiang Woolen Dressing Co Ltd	Shanghai Huaxiang Woolen Dressing Co Ltd	China		2020
Duo Cai Long Textile (Shenzhen) Limited	Polyunion Industrial Limited	China	CN2020079N4NK6C	2014
Yangzhou Jinguan Travelling Goods Co.	Yangzhou Jinguan Travelling Goods Co., Ltd.	China	CN20190839VFE7G	2010
Fu Son	Fu Son Garment Factory	China	CN2019093VN558B	2009
Jaingsu Yayuan Headwear Manufacturing Co., Ltd (Asian Sourcing)	Asian Sourcing International Ltd	China	CN2019083JNMWTS	2017
Dragon -times Accessories Co. Ltd.	Dragon -times Accessories Co. Ltd.	China	CN2020079FRMZMK	2019
THK Apparel (Zhuhai) co.,Ltd	Toray International, Inc. Tokyo Office	China	CN20190978Q0ZW7	2018
Fujian Sunshine Footwear Company	Capital Concord Enterprises Ltd.	China	CN2019083C03CBE	2006
Wellknit Industries	Remei AG	India	IN2019213V1VDXA	2008
GFT Enterprise Co, factory 2	Mitsui Bussan Inter-Fashion LTD	Myanmar	MM201934522C215	2017
Greatmen (Myanmar)	Great King Garment Co., Ltd	Myanmar	MM2019345VQ127E	2016
Dong-In Recreational Equipment and MFG. Corp (REMC)	Dong In Entech Co Ltd	Philippines	PH20193452YGSQG	2017
Feng Yi Outdoor Leisure Equipment Enterprise (Foam Tex)	Feng Yi Outdoor Leisure Equipment Enterprise	Taiwan	TW201908389N5DT	2001
General Shoes Co. Ltd (Genfort)	Genwell International Corp.	Viet Nam	VN2019083CWQX90	2016
Thuyen Nguyen Trading Import Export Co., Ltd	Toray International, Inc. Tokyo Office	Viet Nam	VN20193455B4CNH	2018
Spectre Garment Technology SGT Vietnam Co. Ltd.	Spectre A/S	Viet Nam	VN20193458G3ZB1	2016
Shints BVT CO., LTD	Shin Textile Solutions Co., Ltd	Viet Nam	VN2019354778BGD	2016
HONG BAO FOOTWEAR JOINT STOCK COMPANY	Jim Brothers (Hong Kong) Trading Company Ltd.	Viet Nam	VN20193457D79FF	2016
Pungkook Saigon 2 (*)	Pung Kook Corporation	Viet Nam	VN20191432AQZ82	2003
Pungkook Ben Tre - My Tho	Pung Kook Corporation	Viet Nam	VN2019085VHG687	2016
SHINTS BVT'S BRAND (Quoc Khanh Factory)	Shin Textile Solutions Co., Ltd	Viet Nam	VN2019345CZRXQK	2017
Kwang Viet Garment Ltd	Quang Viet Enterprise Co. Ltd.	Viet Nam	VN2019085W70K6S	2017
MT Garment Vietnam Co Ltd (Maegaki)	Maegaki Co. Ltd.	Viet Nam	VN2019354HFRNX6	2016
Elegant Team Manufacturer Co. Ltd.	Elegant Team Development Ltd.	Viet Nam	VN2019345NSCGBH	2012
Hung Way Co LTD. (Palace)	Palace Industry Co Ltd.	Viet Nam	VN2019083YW6MZE	1998
Minh Tri Thai Binh co. Ltd.	Spectre A/S	Viet Nam		2014
Shilla Bags International Co., Ltd	Shilla Bags International Co. Ltd	Viet Nam	VN2020016TZVE9T	2020
Minh Tri Smile Joint Stock Co	Spectre A/S	Viet Nam		2013
Viet Thang Garment Joint Stock Company	Elegant Team Development Ltd.	Viet Nam	VN2019086SRMXTT	2012
Fulgent Sun Footwear Co., LTD	Capital Concord Enterprises Ltd.	Viet Nam	VN20190838TTR5M	2015
Sees Vina Co. Ltd.	Sees Global Inc.	Viet Nam	VN2019083BKE14C	2018
Hung Huy Hoang	Pung Kook Corporation	Viet Nam	VN2019345E29TVA	2013
Shints TN Co. Ltd.	Shin Textile Solutions Co., Ltd	Viet Nam	VN2020079XXQ6DW	2018
SEMO VINA CO., LTD	Semo Vina Ltd	Viet Nam		2020

SUPPLIER LIST TIER 2 (EUROPE & USA*)



Factory	Parent Company	Country	OAR ID	Products
Downlite Outdoor	Downlite	United States		Filling
DYNTEX GmbH	Dyntex GmbH	Austria		Fabric
W. L. Gore & Associates, Fabrics Division, USA (Elk Mills 5)	W.L. Gore und Associates GmbH	United States	US2020323M1CK9H	Fabric
Sympatex Technologies GmbH	Sympatex Technologies GmbH	Germany	DE2021200T2JZNJ	Fabric
Allied Feather & Down	Allied Feather and Down Corp.	United States	US20200167BPG1C	Filling
Polartec, LLC	Polartec LLC	United States	US2020325WWY32H	Fabric
Pontetorto SPA	Pontetorto SPA	Italy	IT2019083SG0GK0	Fabric
IBQ Fabrics	IBQ Fabric Creations S.L.U.	Spain	ES2019172GDMV71	Fabric
Framis Italia Spa	Framis Italia Spa	Italy	IT2019172Q1B9YX	Fabric
Schoeller Textil AG	Schoeller Textil AG	Switzerland	CH20202172VN1FV	Fabric
CARVICO S.P.A.	Carvico SpA / Jersey Lomellina	Italy	IT20190915WBRD4	Fabric
LMA Leandro Manuel Arauo Lda	LMA Leandro Manuel Arauo Lda	Portugal		Fabric
Cifra SPA	Cifra SPA	Italy	IT2021077GWKN26	Fabric
Freudenberg Performance Materials Apparel SE &	Freudenberg Performance Materials			
Co.KG	Apparel SE & Co.KG	Germany	DE2019276V0BGF9	Fabric
Naturtex Wool Feather And Down Processing Ltd.	Naturtex Kft (Re:down)	Hungary	HU2019171ARWGNN	Filling
Thermore (Far East) Ltd.	Thermore (Far East) Ltd.	Italy		Filling

SUPPLIER LIST TIER 2 (ASIA*)



Factory	Parent Company	Country	OAR ID	Products
Youngone CEPZ Ltd.	Youngone Corporation	Bangladesh	BD2019096YG42E3	Fabric
Binh Thuan Nha Be Garment Joint Stock Company	Toray Int'l Trading (HK) Co., Ltd.	Viet Nam	VN20193451RVPW2	Fabric
Unitex Metal & Plastic Accessories(Zhejiang)Ltd.	Unitex International Button Accessories Ltd.	China	CN2019266XH3GJY	Plastic Buckles
Dragon -times Accessories Co. Ltd.	Protect Accessory Co., LTD	China	CN2020079FRMZMK	Trim
W. L. Gore & Associates, Fabrics Division, China (Shenzhen)	W.L. Gore und Associates GmbH	China	CN20203231Y7W10	Fabric
YKK Bangladesh Pte Ltd	YKK Zips	Bangladesh	BD20202182XHYJN	Trim
YKK Hong Kong	YKK Zips	Hong Kong		Trim
YKK Shenzhen Fu Yong	YKK Zips	China		Trim
YKK Vietnam	YKK Zips	Viet Nam	VN2019176CJF6WD	Trim
LONG ADVANCE INT'L CO., LTD.	Long Advance int'l co. Itd	Taiwan		Fabric
Synnix Industries	Synnix Industries Inc.	Taiwan	TW201908316670P	Fabric
HUNG LONG GARMENT & SERVICE JSC1	Toray Int'l Trading (HK) Co., Ltd.	Viet Nam	VN2019085A7MKK8	Fabric
Dry-Tex Factory	Dry Tex	China		Fabric
H-OneTex Co. Ltd	H-OneTex Co. Ltd	South Korea		Fabric
Singtex Technical Fabric	Singtex	Taiwan	TW20200538K8QK4	Fabric
Everest Textile (Shanghai) Ltd	Everest Textile	China	CN2020053VTAPXF	Fabric
Flyingtexile	Flyingtextile	China		Fabric
Mitsui Bussan I-Fashion Ltd. (inc Pertex)	Mitsui Bussan I-Fashion Ltd.	Japan	JP2020325VP92MR	Fabric
Formosa Taffeta	Schoeller FTC (H.K.) Co. LTD	Hong Kong	HK2019083VZQP0H	Fabric
NIFCO TAIWAN 1	Nifco KTS	Taiwan		Trim
Taiwan Paiho Limited	Taiwan Paiho Limited	Taiwan	TW202005375MEDJ	Trim
TSGS, Inc.	TSGS Inc.	Taiwan	TW2020325N31GZ1	Trim
Teijin Shoiji	Teijin Shoiji	Japan		Fabric
Shimada Shoji	Shimada Shoji	Japan		Fabric
Shanghai Challenge Textile Co.,Ltd	Shanghai Challenge Textile Co. Ltd.	China	CN2019086XEAN3R	Fabric
Eclat textile Co., LTD (Vietnam)	Eclat Textile Co. Ltd.	Viet Nam	VN20190850DZREF	Fabric
ShinKong Textile Co., LTD Daxi Mill	Shinkong	Taiwan	TW2020247E7BQ9W	Fabric
Shinkong Textile Co.,Ltd Dayuan Mill	Shinkong	Taiwan	TW20200532QZ4QA	Fabric
Burltex Plus Knitting Industrial Ltd	Burltex Tai Tung Int. Ltd.	China		Fabric
Chia Her	Chia Her Industrial Co.Ltd.	Taiwan	TW2020053GY31X6	Fabric
Kingwhale Dayuan	Kingwhale Corporation	Taiwan	TW2019083BNWB1A	Fabric
Pioneer Elastic (Hong Kong) Ltd	Pioneer Elastic Hong Kong Ltd	Hong Kong	HK2020205AZ5VQY	Trim
Ningbo Dayue Chemical	PrimaLoft Inc	China		Filling
Shaoxing Keqiao Flocus I/E CO. LTP	Shaoxing Keqiao Flocus I/E CO. LTP	China		Fabric
Hempfortex	Hempfortex	China	CN2020325BCDM1R	Fabric
e.dye KUNSHAN LTD.	Smartex (e-dye)	China	CN2021136BGKMY0	Fabric
Japan Mart Compagy Limited	Japan Mart Compagy Limited	Japan		Fabric
Shaoxing Keqiao Dongjin Textile Co., Ltd (Dry-Tex)	Shaoxing Keqiao Dongjin Textile Co., Ltd (Dry-Tex)	China		Fabric
Shin Textile Solutions Co., Ltd.	Shin Textile Solutions Co., Ltd.	Viet Nam		Others
Siantex	Siantex	South Korea		Fabric

REPORTING OF ENERGY MIX AND GHG EMISSIONS AT SUPPLIER / FACILITY



Industry Benchmarking



We have full transparency on energy mix and GHG emissions via the HIGG FEM tool. Our suppliers (pink) outperform the industry average (blue) on every topic.

*Environmental Management System

MATERIAL MIX





PRIMARY CARGO CARRIERS



Share of upstream transportation mode from suppliers to our warehouses. Measured in Tonnkilometers (Weight X Distance), excluding Ecom Parcel.



Sea Air Road

Sea	Air	Road
85%	10%	5%

Logistic Provider List 2020

Spediteur	Sea	Air	Road	Parcel
Max Müller			x	
Fink Logistik			x	х
Hartrodt	x	x		
Dachser Air& Sea	x	x		
DSV	x	x		
Kühne& Nagel	x	x		
MBS	x	x		
Logwin	x	x		
Seabridge	x			
DHL Paket				х
GLS				х
DPD				x
TNT DE				х
Post CH Paket				х
Post CH Stückgut			x	
Lebert			x	
Dachser SE			х	
Döderlein			x	
Epple			x	
DSV			х	
Schenker	x	x	x	
Rhenus			x	
Bollore	x	x		
Gebrüder Weis			х	
Group 7	x	x		
Schneider Tranport CH			x	
Hermes				х
FORTO	x	x	x	
Seven Senders GmbH				x
CCS-Express GmbH	x	x	x	
Maersk	x	x	х	

BEST AVAILABLE SOURCES, INITIATIVES AND PLAYBOOKS BEST AVAILABLE, MOST RELEVANT REPORTS & STUDIES







FASHION FORWARD: A Roadmap to Fossil Free Fashion

MEASURING FASHION

Insights from the Environmental Impact of the Glob Apparel and Footwear Industries study

2018

Quantis









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