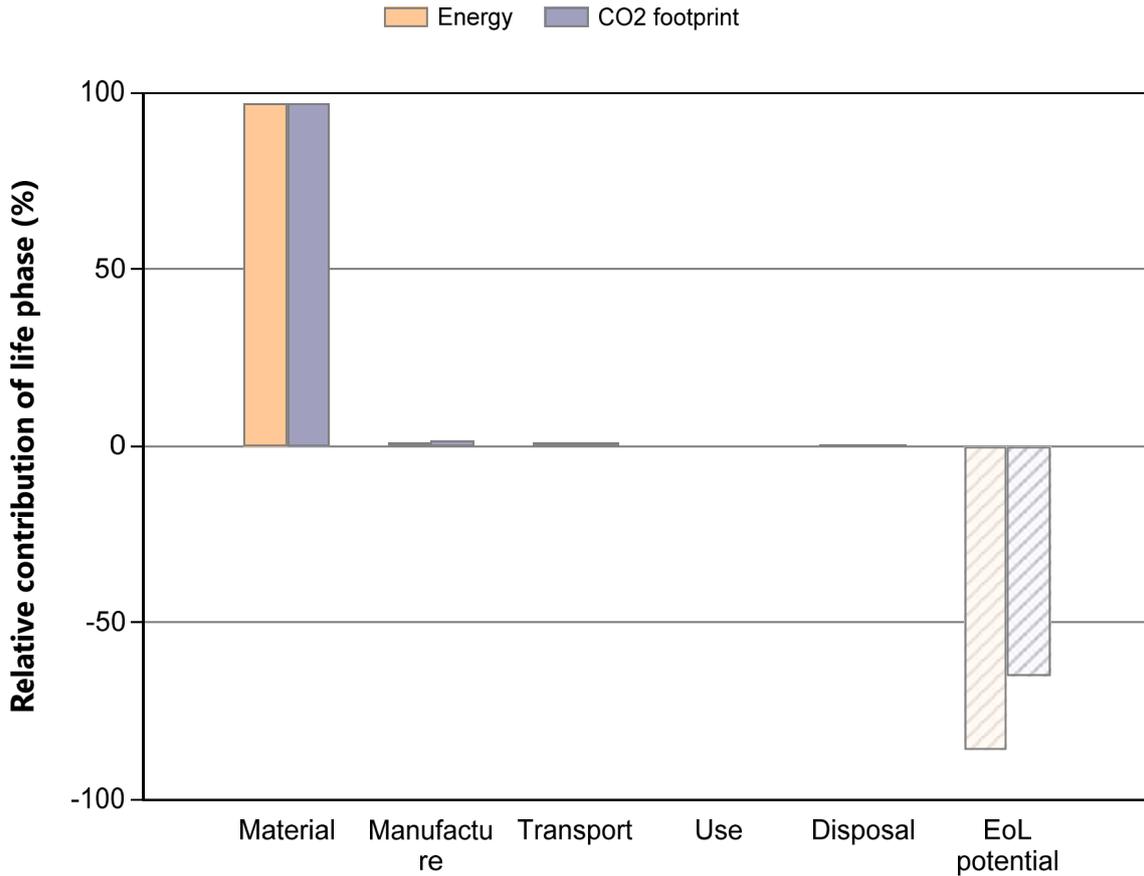


Product name: Moveable  
 Country of use: Europe  
 Product life (years): 1

**Summary:**

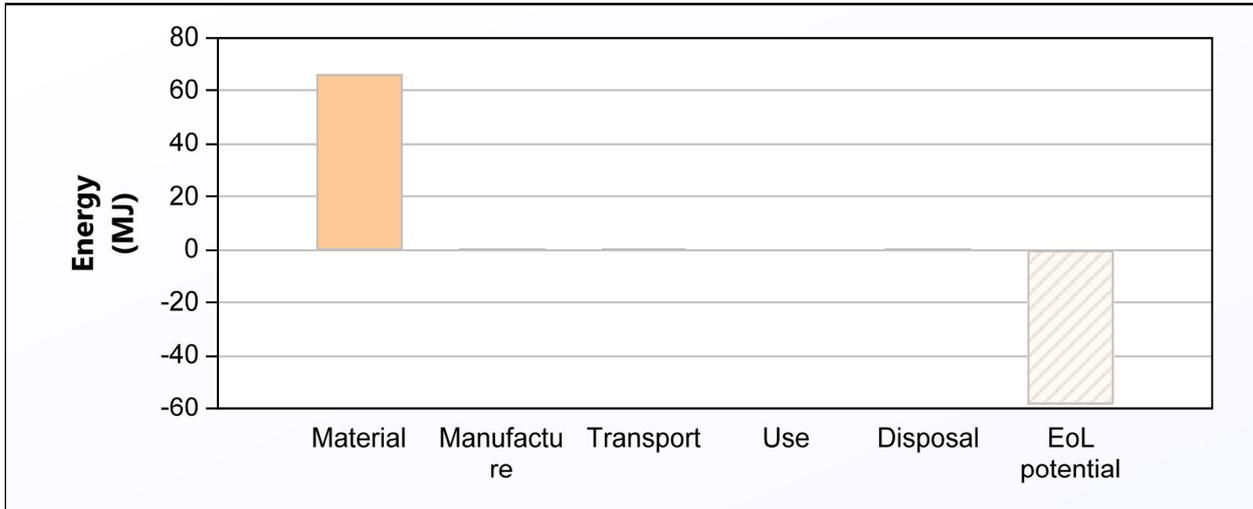


[Energy details](#)

[CO2 footprint details](#)

Phase	Energy (MJ)	Energy (%)	CO2 footprint (kg)	CO2 footprint (%)
<b>Material</b>	66	97,3	4,87	97,2
<b>Manufacture</b>	0,898	1,3	0,0717	1,4
<b>Transport</b>	0,677	1,0	0,0488	1,0
<b>Use</b>	0	0,0	0	0,0
<b>Disposal</b>	0,248	0,4	0,0173	0,3
Total (for first life)	<b>67,8</b>	<b>100</b>	<b>5</b>	<b>100</b>
<b>End of life potential</b>	-58,2		-3,25	

## Energy Analysis

[Summary](#)


	Energy (MJ/year)
Equivalent annual environmental burden (averaged over 1 year product life):	67,8

## Detailed breakdown of individual life phases

### Material:

[Summary](#)

Component	Material	Recycled content* (%)	Part mass (kg)	Qty.	Total mass processed** (kg)	Energy (MJ)	%
Linnen	Flax fiber	Virgin (0%)	0,18	1	0,25	2,7	4,1
Katoen	Cotton fiber	Virgin (0%)	0,014	1	0,014	0,63	0,9
Wolvilt	Wool fiber	Virgin (0%)	0,06	1	0,075	3,6	5,5
Agar agar + glycerine	PLA/kenaf fiber, composite	Virgin (0%)	0,59	1	0,59	59	89,3
Kurk	Cork (high density)	Virgin (0%)	0,012	1	0,012	0,048	0,1
Total				5	0,94	66	100

\*Typical: Includes 'recycle fraction in current supply'

\*\*Where applicable, includes material mass removed by secondary processes

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**Manufacture:**[Summary](#)

Component	Process	% Removed	Amount processed	Energy (MJ)	%
Linnen	Fabric production	-	0,25 kg	0,64	71,5
Linnen	Cutting and trimming	27	0,067 kg	0,02	2,2
Katoen	Fabric production	-	0,014 kg	0,036	4,1
Katoen	Cutting and trimming	-	0 kg	0	0,0
Wolvilt	Fabric production	-	0,075 kg	0,2	21,7
Wolvilt	Cutting and trimming	20	0,015 kg	0,0045	0,5
Agar agar + glycerine	Cutting and trimming	-	0 kg	0	0,0
Kurk	Grinding	-	0 kg	0	0,0
Total				<b>0,9</b>	<b>100</b>

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**Transport:**[Summary](#)**Breakdown by transport stage**

Stage name	Transport type	Distance (km)	Energy (MJ)	%
Portugal	Rail freight	2,3e+03	0,68	100,0
Total		<b>2,3e+03</b>	<b>0,68</b>	<b>100</b>

**Breakdown by components**

Component	Mass (kg)	Energy (MJ)	%
Linnen	0,18	0,14	20,9
Katoen	0,014	0,011	1,6
Wolvilt	0,06	0,047	7,0
Agar agar + glycerine	0,59	0,47	69,1
Kurk	0,012	0,0095	1,4
Total	<b>0,86</b>	<b>0,68</b>	<b>100</b>

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**Use:**[Summary](#)**Relative contribution of static and mobile modes**

Mode	Energy (MJ)	%
Static	0	
Mobile	0	
Total	<b>0</b>	<b>100</b>

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**Disposal:**[Summary](#)

Component	End of life option	% recovered	Energy (MJ)	%
Linnen	Downcycle	100,0	0,09	36,3
Katoen	Reuse	100,0	0,0028	1,1
Wolvilt	Combust	100,0	0,03	12,1
Agar agar + glycerine	Re-manufacture	100,0	0,12	48,0
Kurk	Combust	100,0	0,006	2,4
Total			<b>0,25</b>	<b>100</b>

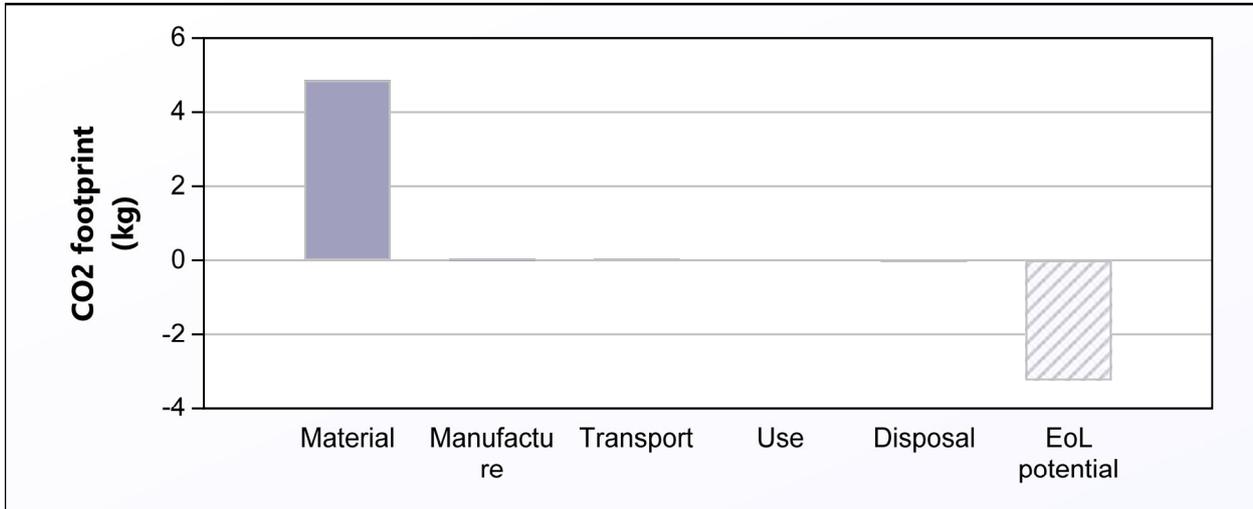
**EoL potential:**

Component	End of life option	% recovered	Energy (MJ)	%
Linnen	Downcycle	100,0	-0,018	0,0
Katoen	Reuse	100,0	-0,63	1,1
Wolvilt	Combust	100,0	-0,31	0,5
Agar agar + glycerine	Re-manufacture	100,0	-57	98,3
Kurk	Combust	100,0	-0,062	0,1
Total			<b>-58</b>	<b>100</b>

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**Notes:**[Summary](#)

## CO2 Footprint Analysis

[Summary](#)


	CO2 (kg/year)
Equivalent annual environmental burden (averaged over 1 year product life):	5

## Detailed breakdown of individual life phases

### Material:

[Summary](#)

Component	Material	Recycled content* (%)	Part mass (kg)	Qty.	Total mass processed** (kg)	CO2 footprint (kg)	%
Linnen	Flax fiber	Virgin (0%)	0,18	1	0,25	0,11	2,2
Katoen	Cotton fiber	Virgin (0%)	0,014	1	0,014	0,013	0,3
Wolvilt	Wool fiber	Virgin (0%)	0,06	1	0,075	1,3	26,7
Agar agar + glycerine	PLA/kenaf fiber, composite	Virgin (0%)	0,59	1	0,59	3,4	70,8
Kurk	Cork (high density)	Virgin (0%)	0,012	1	0,012	0,0024	0,0
Total				5	0,94	4,9	100

\*Typical: Includes 'recycle fraction in current supply'

\*\*Where applicable, includes material mass removed by secondary processes

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**Manufacture:**[Summary](#)

Component	Process	% Removed	Amount processed	CO2 footprint (kg)	%
Linnen	Fabric production	-	0,25 kg	0,051	71,6
Linnen	Cutting and trimming	27	0,067 kg	0,0015	2,1
Katoen	Fabric production	-	0,014 kg	0,0029	4,1
Katoen	Cutting and trimming	-	0 kg	0	0,0
Wolvilt	Fabric production	-	0,075 kg	0,016	21,8
Wolvilt	Cutting and trimming	20	0,015 kg	0,00035	0,5
Agar agar + glycerine	Cutting and trimming	-	0 kg	0	0,0
Kurk	Grinding	-	0 kg	0	0,0
Total				<b>0,072</b>	<b>100</b>

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**Transport:**[Summary](#)**Breakdown by transport stage**

Stage name	Transport type	Distance (km)	CO2 footprint (kg)	%
Portugal	Rail freight	2,3e+03	0,049	100,0
Total		<b>2,3e+03</b>	<b>0,049</b>	<b>100</b>

**Breakdown by components**

Component	Mass (kg)	CO2 footprint (kg)	%
Linnen	0,18	0,01	20,9
Katoen	0,014	0,00079	1,6
Wolvilt	0,06	0,0034	7,0
Agar agar + glycerine	0,59	0,034	69,1
Kurk	0,012	0,00068	1,4
Total	<b>0,86</b>	<b>0,049</b>	<b>100</b>

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**Use:**[Summary](#)**Relative contribution of static and mobile modes**

Mode	CO2 footprint (kg)	%
Static	0	
Mobile	0	
Total	<b>0</b>	<b>100</b>

---

**Disposal:**[Summary](#)

Component	End of life option	% recovered	CO2 footprint (kg)	%
Linnen	Downcycle	100,0	0,0063	36,3
Katoen	Reuse	100,0	0,0002	1,1
Wolvilt	Combust	100,0	0,0021	12,1
Agar agar + glycerine	Re-manufacture	100,0	0,0083	48,0
Kurk	Combust	100,0	0,00042	2,4
Total			<b>0,017</b>	<b>100</b>

**EoL potential:**

Component	End of life option	% recovered	CO2 footprint (kg)	%
Linnen	Downcycle	100,0	-0,0013	0,0
Katoen	Reuse	100,0	-0,013	0,4
Wolvilt	Combust	100,0	0,064	-2,0
Agar agar + glycerine	Re-manufacture	100,0	-3,3	102,0
Kurk	Combust	100,0	0,017	-0,5
Total			<b>-3,3</b>	<b>100</b>

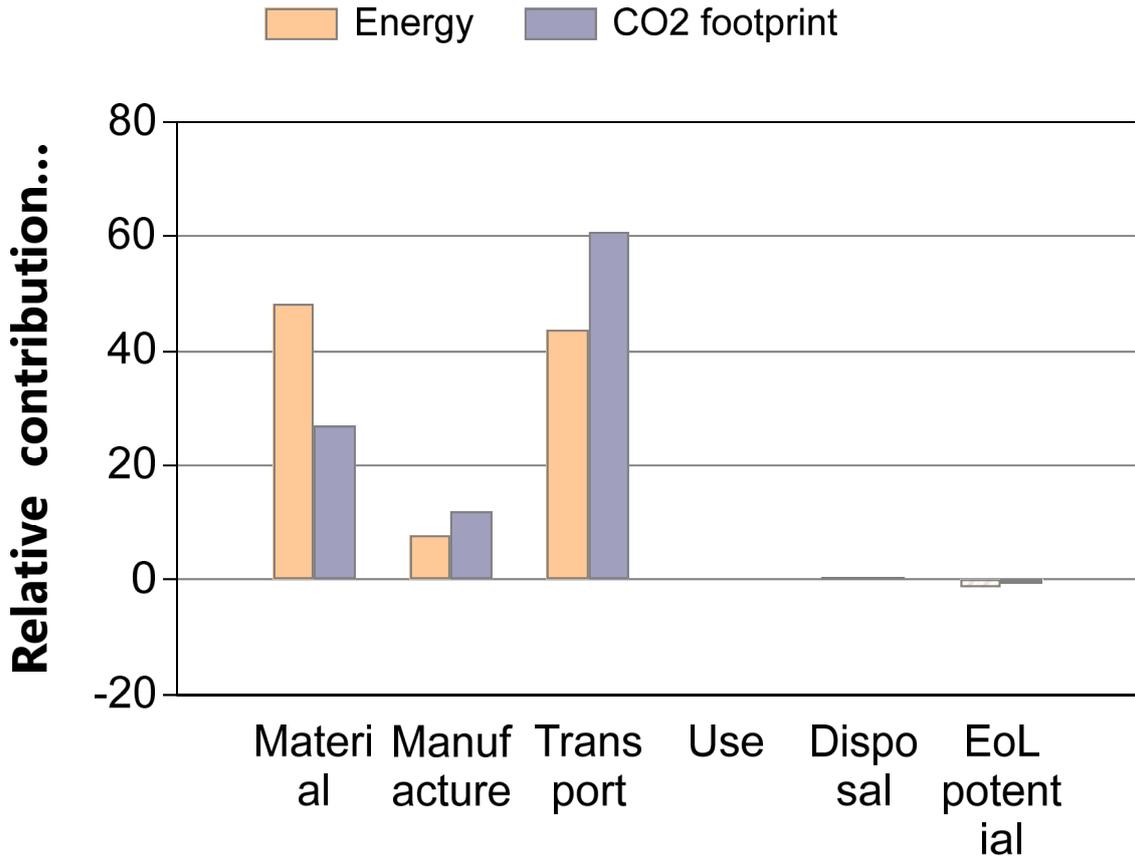
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**Notes:**[Summary](#)

# Eco Audit Report

Product name: Autry Medalist Sneaker  
 Country of use: World  
 Product life (years): 1,5

**Summary:**

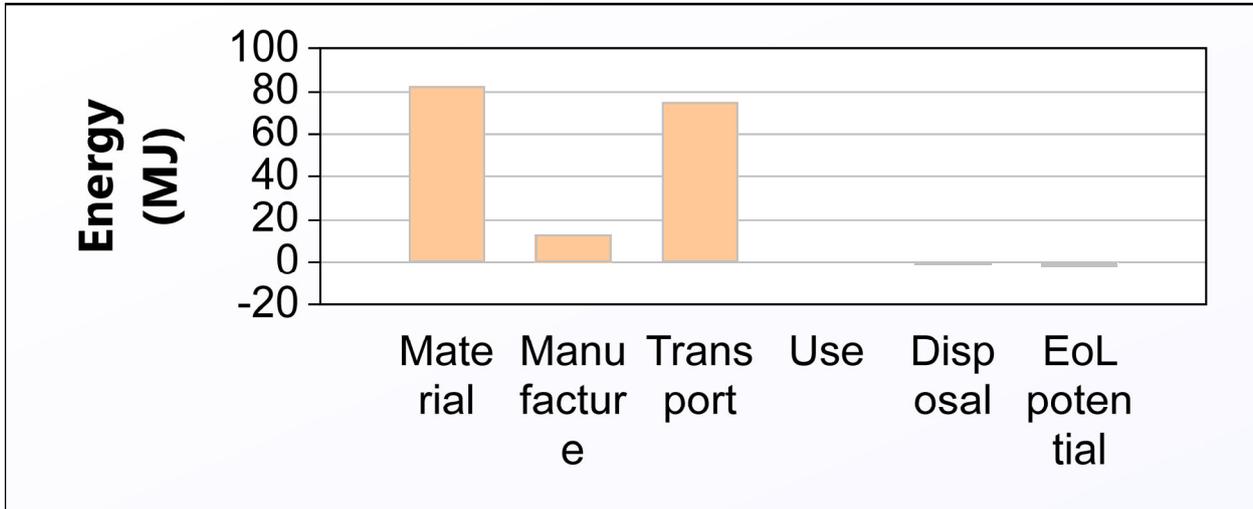


[Energy details](#)

[CO2 footprint details](#)

Phase	Energy (MJ)	Energy (%)	CO2 footprint (kg)	CO2 footprint (%)
<b>Material</b>	82,8	48,2	2,41	27,0
<b>Manufacture</b>	13,3	7,8	1,07	12,0
<b>Transport</b>	75,3	43,9	5,43	60,9
<b>Use</b>	0	0,0	0	0,0
<b>Disposal</b>	0,204	0,1	0,0143	0,2
Total (for first life)	<b>172</b>	<b>100</b>	<b>8,91</b>	<b>100</b>
<b>End of life potential</b>	-2,34		-0,0383	

## Energy Analysis

[Summary](#)


	Energy (MJ/year)
Equivalent annual environmental burden (averaged over 1,5 year product life):	114

## Detailed breakdown of individual life phases

### Material:

[Summary](#)

Component	Material	Recycled content* (%)	Part mass (kg)	Qty.	Total mass (kg)	Energy (MJ)	%
Leather	Leather	Virgin (0%)	0,14	1	0,14	15	18,4
Rubber	Natural rubber (NR)	Virgin (0%)	0,73	1	0,73	57	68,3
Cotton	Cotton fiber	Virgin (0%)	0,056	1	0,056	2,5	3,0
PP (non-woven fabric)	Polypropylene (PP)	Virgin (0%)	0,006	1	0,006	0,42	0,5
EVA Foam	Ethylene vinyl acetate (EVA)	Virgin (0%)	0,04	1	0,04	3,2	3,8
Foam (PU)	Polyurethane	Virgin (0%)	0,008	1	0,008	0,66	0,8
TPU	Polyurethane (tpPUR)	Virgin (0%)	0,014	1	0,014	1,1	1,4
Nylon	Polyamides (Nylons, PA)	Virgin (0%)	0,022	1	0,022	3,1	3,8
Total				8	1	83	100

\*Typical: Includes 'recycle fraction in current supply'

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**Manufacture:**[Summary](#)

Component	Process	Amount processed	Energy (MJ)	%
Rubber	Polymer molding	0,73 kg	12	88,0
PP (non-woven fabric)	Polymer molding	0,006 kg	0,13	1,0
EVA Foam	Polymer molding	0,04 kg	0,62	4,7
Foam (PU)	Polymer molding	0,008 kg	0,13	1,0
TPU	Polymer molding	0,014 kg	0,23	1,8
Nylon	Polymer molding	0,022 kg	0,48	3,6
Total			13	100

---

**Transport:**[Summary](#)**Breakdown by transport stage**

Stage name	Transport type	Distance (km)	Energy (MJ)	%
Indonesie	Air freight - long haul	1,1e+04	75	100,0
Total		1,1e+04	75	100

**Breakdown by components**

Component	Mass (kg)	Energy (MJ)	%
Leather	0,14	11	13,9
Rubber	0,73	54	71,7
Cotton	0,056	4,1	5,5
PP (non-woven fabric)	0,006	0,44	0,6
EVA Foam	0,04	3	3,9
Foam (PU)	0,008	0,59	0,8
TPU	0,014	1	1,4
Nylon	0,022	1,6	2,2
Total	1	75	100

---

**Use:**[Summary](#)**Relative contribution of static and mobile modes**

Mode	Energy (MJ)	%
Static	0	
Mobile	0	
Total	0	100

---

**Disposal:**[Summary](#)

Component	End of life option	Energy (MJ)	%
Leather	Landfill	0,028	13,9
Rubber	Landfill	0,15	71,7
Cotton	Re-manufacture	0,011	5,5
PP (non-woven fabric)	Landfill	0,0012	0,6
EVA Foam	Landfill	0,008	3,9
Foam (PU)	Landfill	0,0016	0,8
TPU	Landfill	0,0028	1,4
Nylon	Landfill	0,0044	2,2
Total		<b>0,2</b>	<b>100</b>

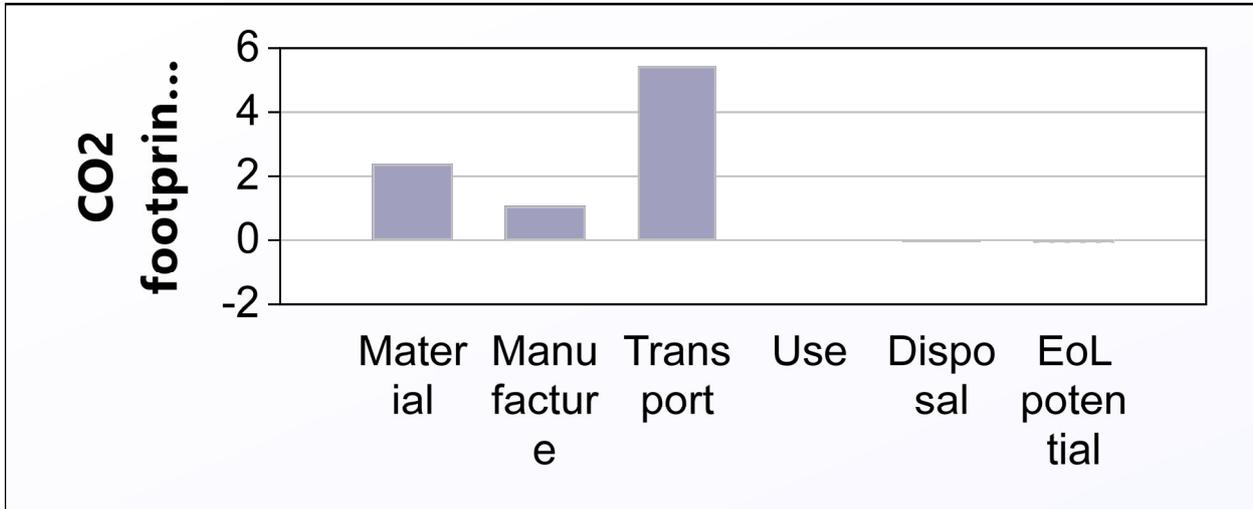
**EoL potential:**

Component	End of life option	Energy (MJ)	%
Leather	Landfill	0	0,0
Rubber	Landfill	0	0,0
Cotton	Re-manufacture	-2,3	100,0
PP (non-woven fabric)	Landfill	0	0,0
EVA Foam	Landfill	0	0,0
Foam (PU)	Landfill	0	0,0
TPU	Landfill	0	0,0
Nylon	Landfill	0	0,0
Total		<b>-2,3</b>	<b>100</b>

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**Notes:**[Summary](#)

## CO2 Footprint Analysis

[Summary](#)


	CO2 (kg/year)
Equivalent annual environmental burden (averaged over 1,5 year product life):	5,94

## Detailed breakdown of individual life phases

### Material:

[Summary](#)

Component	Material	Recycled content* (%)	Part mass (kg)	Qty.	Total mass (kg)	CO2 footprint (kg)	%
Leather	Leather	Virgin (0%)	0,14	1	0,14	0,61	25,2
Rubber	Natural rubber (NR)	Virgin (0%)	0,73	1	0,73	1,4	59,2
Cotton	Cotton fiber	Virgin (0%)	0,056	1	0,056	0,05	2,1
PP (non-woven fabric)	Polypropylene (PP)	Virgin (0%)	0,006	1	0,006	0,017	0,7
EVA Foam	Ethylene vinyl acetate (EVA)	Virgin (0%)	0,04	1	0,04	0,084	3,5
Foam (PU)	Polyurethane	Virgin (0%)	0,008	1	0,008	0,026	1,1
TPU	Polyurethane (tpPUR)	Virgin (0%)	0,014	1	0,014	0,045	1,9
Nylon	Polyamides (Nylons, PA)	Virgin (0%)	0,022	1	0,022	0,15	6,4
Total				8	1	2,4	100

\*Typical: Includes 'recycle fraction in current supply'

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**Manufacture:**[Summary](#)

Component	Process	Amount processed	CO2 footprint (kg)	%
Rubber	Polymer molding	0,73 kg	0,94	88,3
PP (non-woven fabric)	Polymer molding	0,006 kg	0,0095	0,9
EVA Foam	Polymer molding	0,04 kg	0,05	4,7
Foam (PU)	Polymer molding	0,008 kg	0,011	1,0
TPU	Polymer molding	0,014 kg	0,019	1,8
Nylon	Polymer molding	0,022 kg	0,036	3,4
Total			1,1	100

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**Transport:**[Summary](#)**Breakdown by transport stage**

Stage name	Transport type	Distance (km)	CO2 footprint (kg)	%
Indonesie	Air freight - long haul	1,1e+04	5,4	100,0
Total		1,1e+04	5,4	100

**Breakdown by components**

Component	Mass (kg)	CO2 footprint (kg)	%
Leather	0,14	0,76	13,9
Rubber	0,73	3,9	71,7
Cotton	0,056	0,3	5,5
PP (non-woven fabric)	0,006	0,032	0,6
EVA Foam	0,04	0,21	3,9
Foam (PU)	0,008	0,043	0,8
TPU	0,014	0,075	1,4
Nylon	0,022	0,12	2,2
Total	1	5,4	100

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**Use:**[Summary](#)**Relative contribution of static and mobile modes**

Mode	CO2 footprint (kg)	%
Static	0	
Mobile	0	
Total	0	100

---

**Disposal:**[Summary](#)

Component	End of life option	CO2 footprint (kg)	%
Leather	Landfill	0,002	13,9
Rubber	Landfill	0,01	71,7
Cotton	Re-manufacture	0,00078	5,5
PP (non-woven fabric)	Landfill	8,4e-05	0,6
EVA Foam	Landfill	0,00056	3,9
Foam (PU)	Landfill	0,00011	0,8
TPU	Landfill	0,0002	1,4
Nylon	Landfill	0,00031	2,2
Total		<b>0,014</b>	<b>100</b>

**EoL potential:**

Component	End of life option	CO2 footprint (kg)	%
Leather	Landfill	0	0,0
Rubber	Landfill	0	0,0
Cotton	Re-manufacture	-0,038	100,0
PP (non-woven fabric)	Landfill	0	0,0
EVA Foam	Landfill	0	0,0
Foam (PU)	Landfill	0	0,0
TPU	Landfill	0	0,0
Nylon	Landfill	0	0,0
Total		<b>-0,038</b>	<b>100</b>

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**Notes:**[Summary](#)

