

Sustainability Report 2022

DAF Trucks N.V.



Foreword

This report is the Annual Sustainability Report of DAF Trucks N.V. on the year 2022. The scope of the Sustainability Report includes all organizational units of DAF Trucks N.V.

The report is based on the classification of the Global Reporting Initiative (GRI): People – Planet – Profit. It is limited to objectives and indicators for these areas.

Basis for the Sustainability Report are the separate Company Policy Statements for Environment, and for Health & Safety. These are approved and signed by the President of the company. The DAF Environmental Policy is published via the website of DAF Trucks.

STATUS OBJECTIVES 2022**STATUS****I PEOPLE****Safety**

Safety	OSHA score (ORCR; OSHA Recordable Cases Rate) DAF Trucks: ≤ 1,7	2,0
Safety	OSHA score (ORCR) Operations Eindhoven: ≤ 1,6	2,7
Safety	OSHA score (ORCR) Operations Westerlo: ≤ 2,6	Realized
Safety	Safety inspections Operations Eindhoven and Westerlo: ≥ 4500	Realized

Health

Absenteeism	Absenteeism percentage Eindhoven: ≤ 8,0%	8,4%
Absenteeism	Absenteeism percentage Westerlo: ≤ 8,0%	Realized

II PLANET**DAF TRUCKS NV**

Emission	Reduction Green House Gases, SBTi: see website PACCAR: https://www.paccar.com/about-us/environmental-social-and-governance/	Inline in with DAF Roadmap
Waste	Compliance with internal objective for waste to landfill (Eindhoven/Westerlo): 0%	Realized
Energy	Reduction of energy consumption Eindhoven: Energy Efficiency Directive, Energy Audit 2021-2024	Realized
Energy	Reduction of energy consumption Westerlo: see website EBO: https://ebo-vlaanderen.be/nl	Realized
Recycling	Recyclability of DAF vehicles: ≥90% (MY17&NGD)	Realized
Emission	Reduction of CO ₂ emission of DAF vehicles: see website ACEA: https://www.acea.be/publications/article/position-paper-european-commission-proposal-on-co2-standards-for-new-heavy	Realized
Certification	Renewal ISO14001 certificate DAF Trucks N.V.	Realized
Communication	Continued (free) publicity about DAF's position on sustainable transport, multimedia	Realized

Product Development

Emission	Research of additional technologies such as hybrid-technology and electrical driveline for global reduction of CO ₂ and local improvement of air quality	Realized
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Purchasing

Certification	Production Goods suppliers with environmental certificate: ≥90%	Realized
Certification	Service suppliers (with environmental impact) with environmental certificate: 100%	Realized
Performance	Suppliers with C status environmental performance: ≤10%	Not realized

Production (Eindhoven, Netherlands and Westerlo, Belgium)

Emission VOC	Compliance to EC Directive 96/61/EC IPPC (Eindhoven): ≤ 70 gr/m ²	Realized
Emission VOC	Compliance to EC Directive 99/13/EC VOC (Westerlo): ≤ 55 gr/m ²	Realized
Waste	Compliance to internal objective for hazardous waste (Eindhoven): ≤ 45,1 kg/truck	Realized
Waste	Compliance to internal objective for hazardous waste (Westerlo): ≤ 41,0 kg/cab	Realized
Waste	Compliance with internal objective for unsorted regular waste (Eindhoven): ≤ 18,2 kg/truck	18,9 kg/truck
Waste	Compliance with internal objective for unsorted regular waste (Westerlo): ≤ 8,4 kg/cab	Realized
Waste	Compliance with internal objective for packaging waste (Eindhoven): ≤ 63,1 kg/truck	Realized
Waste	Compliance with internal objective for packaging waste (Westerlo): ≤ 15,4 kg/truck	18,8 kg/truck
Water	Heavy metals in waste water (Eindhoven): ≤ 4,0 gr/truck	Realized
Water	Heavy metals in waste water (Westerlo): ≤ 2,3 gr/cab	Realized
Energy	Implementation Certain Measures in Energy Efficiency Plan (EED) (Eindhoven)	Realized
Energy	Implementation Certain Measures in Energy Plan (Westerlo)	Realized

Marketing & Sales

Certification	Certification according to ISO 14001 of global DAF dealer network: ≥ 75%	74,8%
Emission	Use of free of charge ECO Drive training vouchers in EU: ≥ 50%	39,8%
Energy	Installation of new truck wash lane technology (dealer Budapest)	Not realized

After Sales

Waste	Compliance with internal objective for volume of parts packaging waste ≤ 2938 kg/turnover	Realized
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III PROFIT

For financial figures: see www.paccar.com

Performance Indicators DAF Trucks N.V.

PEOPLE	GRI*	2017	2018	2019	2020	2021	2022	Targets 2022
1, Headcount								
Eindhoven: Total number of employees	LA 1	6663	7101	6485	6332	7172	7308	
-of which BBL (study and work combined) workers	LA 1	29	29	25	27	13	9	
-of which flexworkers	LA 1	1413	1552	895	1297	1578	2004	
-of which internships	LA 1	66	65	70	71	74	141	
-of which male employees	LA 1	4397	4668	5954	5760	6573	6429	
-of which female employees	LA 1	355	379	531	572	599	879	
Westerlo: Total number of employees								
-of which male employees	LA 1	2686	2851	2474	2576	2448	2870	
-of which female employees	LA 1	2105	2316	2251	2333	2213	2561	
-of which female employees	LA 1	201	226	223	243	235	309	
2, Turnover								
Eindhoven: Turnover (including flexworkers)	LA 2							
-of which hired (re-entered)	LA 2	2027	2491	728	880	2442	2570	
-of which outflow	LA 2	1288	1610	1508	1015	1684	1897	
Westerlo: Turnover								
-of which hired (re-entered)	LA 2	139	292	249	265	137	410	
-of which outflow	LA 2	53	56	317	297	131	154	
3, OSHA score (OSHA Recordable Cases Rate (ORCR))								
DAF (all departments): OSHA score	LA 7	2,1	2,6	2,2	1,7	1,9	2,0	Target: ≤1,7
Eindhoven (Operations): OSHA score	LA 7	1,7	2,2	2,7	2,2	2,6	2,7	Target: ≤1,6
Westerlo: OSHA score	LA 7	4,9	5,7	3,4	3,3	2,5	2,6	Target: ≤2,6
4, Absenteeism								
Eindhoven: Absenteeism	LA 7	5,7%	6,4%	6,7%	6,8%	8,8%	8,4%	Target: <8,0%
Westerlo: Absenteeism	LA 7	8,8%	9,5%	10,3%	11,1%	8,2%	7,4%	Target: <8,0%

* Performance Indicators according the Global Reporting Initiative (www.globalreporting.org)

II PLANET	GRI*	2017	2018	2019	2020	2021	2022	Targets 2022
Production numbers in trucks (assembled in Eindhoven)		44342	48737	44368	32195	43075	47955	
Production numbers in trucks (including components)		49626	57627	52687	37636	49189	56130	
Production numbers in cabs (Westerlo)		50535	58230	52929	38343	49844	57319	
1, VOC-emission								
Eindhoven: Total VOC-emission in tonnes	EN 20	122,4	130,3	116,7	105,8	130,7	128,2	
Eindhoven: in kg per truck	EN 20	2,8	2,7	2,6	3,3	3,0	2,7	
Eindhoven: in gram/m ²	EN 20	34	32	32	40	37	32	Target: ≤ 32,6 gr/m ²
Westerlo: Total VOC-emission in tonnes	EN 20	231,8	105,6	92,9	67,2	75,0	92,6	
Westerlo: in kg per cab assembled	EN 20	4,6	1,8	1,8	1,8	1,5	1,6	
Westerlo: emission Cab Painting Line in grams/m ²	EN 20	51	17	15	18	13	13	Target: ≤ 15 gr/m ²
2, Water consumption								
Eindhoven: tap water consumption in m ³	EN 8	202191	244101	213147	208187	186535	268640	
Eindhoven: consumption of surface water for cooling processes in m ³	EN 8	907748	996453	1060335	793329	930530	910594	
Eindhoven: % re-used water	EN 10	81,8%	80,3%	83,3%	79,2%	83,3%	77,2%	
Westerlo: tap water consumption in m ³	EN 8	206492	240848	158114	131448	190032	177693	
3, Discharge waste water								
Eindhoven: discharge waste water in m ^{3**}	EN 21	1344600	1348300	1456100	1256500	1360900	1412900	
- of which (as clean water) discharged cooling water		1155500	1164200	1241200	1024900	1160500	1207700	
- of which discharged waste water		189100	189100	214900	231600	200400	205200	
- contamination units (calculated according to Dutch legislation)		4004	4099	4966	3663	3905	4572	
- discharge heavy metals in kg		100,9	131,2	157,1	113,4	109,1	169,4	Target: ≤ 250 kg
- discharge heavy metals in grams per truck		2,27	2,69	3,54	2,55	2,53	3,53	Target: ≤ 4,0 gr/truck
- COD (chemical oxygen demand)		146501	183335	237075	176223	149099	177465	
Eindhoven: total number of significant incident discharges	EN 23	0	2	3	2	1	4	
Westerlo: Discharge waste water in m ^{3**}	EN 21	206547	287112	215001	158123	292067	222421	
- contaminant load units (calculated according to Belgium legislation)		631	436	359	298,5	542,1	427	
- discharge heavy metals in kg		72,3	39,4	37,8	18,17	35,4	31,5	
- discharge heavy metals in Westerlo in grams per truck (per cab)		1,4	0,7	0,7	0,5	0,7	0,6	Target: ≤ 2,3 gr/cab
- COD (chemical oxygen demand)		9206	8091	9241	4052	8167	7003	
Westerlo: total number of significant incident discharges	EN 23	0	0	0	0	1	0	

* Performance Indicators according the Global Reporting Initiative (www.globalreporting.org)

** Domestic and industrial waste water, including cooling water & rainwater.

	GRI*	2017	2018	2019	2020	2021	2022	Targets 2022
4, Residues Eindhoven and Westerlo	EN 22							
Eindhoven: re-use and recycling		87,9%	88,1%	88,3%	86,2%	87,3%	89,5%	
Eindhoven: incineration		4,9%	5,1%	5,0%	4,4%	4,5%	4,5%	
Eindhoven: waste treatment (physical-chemical, composting, distillation, extraction)		7,2%	6,8%	6,7%	9,4%	8,2%	6,0%	
Eindhoven: landfill		0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	Target: 0%
Westerlo: re-use and recycling		77,4%	77,3%	65,8%	66,0%	70,0%	80,0%	
Westerlo: incineration		9,8%	7,3%	6,6%	7,0%	14,0%	13,0%	
Westerlo: waste treatment (physical-chemical treatment, distillation, extraction)		12,8%	15,4%	27,6%	28,0%	16,0%	7,0%	
Westerlo: landfill		0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	Target: 0%
Eindhoven: Total waste in tonnes	EN 22	36308	38497	36439	30847	37077	39340	
Eindhoven: residues in kg per truck**	EN 22	732	668	692	820	754	701	
Eindhoven: in kg chemical waste per truck**	EN 22	48	45,8	49,6	58,6	54,0	39,1	Target: ≤ 45,1 kg/truck
Eindhoven: in kg scrap per truck**	EN 22	475	438	451	516	477	448	
Eindhoven: in kg unsorted waste per truck**	EN 22	19,5	18,4	18,3	17,5	17,3	18,9	Target: ≤ 18,2 kg/truck
** related to production numbers in trucks including components								
Westerlo: Total waste in tonnes	EN 22	7977	9062	9817	7531	8531	8313	
Residues Westerlo in kg per cab	EN 22	158	156	167	196	171	145	
Westerlo in kg chemical waste per cab	EN 22	35,4	42,6	59,6	67,8	45,1	32,2	Target: ≤ 41,0 kg/cab
Westerlo: in kg scrap per cab	EN 22	102	93	94	99	93	85	
Westerlo: in kg unsorted waste per cab	EN 22	10,2	8,7	8,9	9,3	10,9	7,1	Target: ≤ 8,4 kg/cab
Eindhoven and Westerlo: Packaging waste	EN 22							
DAF: Packaging waste in kg per truck*** total (including After Sales)		102	100	107	127	122	127	
Eindhoven: Packaging waste Operations Eindhoven in kg per truck***		59	61	63	63,3	58,7	61,9	Target: ≤ 63,1 kg/truck
Westerlo: Packaging waste Operations Westerlo in kg per truck***		10,3	11,5	11,1	13,7	17,3	18,8	Target: ≤ 15,4 kg/truck
*** related to production numbers in trucks excluding components								
5, Gas consumption								
Eindhoven: gas consumption in millions m ³	EN 3	8,9	9,1	8,6	7,9	9,5	8,5	
Westerlo: gas consumption in millions m ³	EN 3	6,1	6	5,2	5,0	5,9	5,4	
Westerlo: gas consumption in MWh #	EN 3	69352	68762	60203	58025	67922	62254	
6, CO₂-emission								
Eindhoven: CO ₂ emission in tonnes resulted of gas consumption	EN 16	15970	16269	15430	14137	17018	15151	
Eindhoven: in tonnes according to Directive 2003/87/EC	EN 16	17792	18230	17236	15426	18691	17114	
Westerlo: CO ₂ emission in tonnes resulted of gas consumption	EN 16	12648	12540	10979	10582	12387	11353	
DAF: other indirect greenhouse gas emission	EN 17	1162	1194	1132	909	989	894	(Alphabet)
7, Electricity consumption								
Eindhoven: electricity consumption in MWh	EN 4	76858	84161	81144	68606	80885	83797	
Eindhoven: electricity consumption in MWh per truck	EN 4	1,73	1,73	1,83	2,13	1,88	1,75	
Westerlo: electricity consumption in MWh	EN 4	50453	53718	50068	46484	52085	52897	
Westerlo: electricity consumption in MWh per cab	EN 4	1	0,92	0,95	1,21	1,04	0,92	

* Performance Indicators according the Global Reporting Initiative (www.globalreporting.org)

Per 1st September 2015, changed from low calorific to high calorific natural gas; the energy volume is indicated for a correct comparison over the years

	GRI*	2017	2018	2019	2020	2021	2022	Targets 2022
8, Energy Efficiency Index								
Eindhoven: Long Term Agreement (LTA) on Energy Efficiency 3 (2009 – 2020, ref, 2005)	EN 5	77,0%	78,7%	79,6%	86,3%	-	-	
9, Emission NO_x								
Eindhoven: NO _x emission in kg	EN 20	56537	46217	45995	38913	38059	38608	
10, Emissions of cooling gases								
Eindhoven: emissions HFC's in kg due to filling air conditioning systems in trucks	EN 19	354	478	511	479,759	244	248	
Eindhoven: emissions HCFC's & HFC's in kg in production & buildings	EN 19	39	146	251	147	209	127	
Westerlo: emissions HCFC's & HFC's in kg in production & buildings	EN 19	7	37,8	0	34,4	6,5	0	
11, Purchasing								
% suppliers of Production Goods with valid ISO 14001 certificate		85%	88%	86%	90%	73%	93%	Target: >90%
% suppliers of Services with valid ISO 14001 certificate		100%	100%	100%	100%	100%	100%	Target: 100%
12, Sales and Service								
Number revised parts for re-use on market		27967	25318	26039	23350	31166	30961	
% EU Sales and Service dealers with valid ISO 14001 certificate		97%	98%	96%	91%	93%	94%	Target: 100%
III PROFIT								
See: www.paccar.com								

* Performance Indicators according the Global Reporting Initiative (www.globalreporting.org)

OBJECTIVES 2023**I PEOPLE****Safety**

Safety	OSHA score (ORCR) DAF Trucks	≤ 1,7
Safety	OSHA score (ORCR) Operations Eindhoven	≤ 1,6
Safety	OSHA score (ORCR) Operations Westerlo	≤ 2,3
Safety	Safety inspections Operations Eindhoven and Westerlo	4500

Health

Absenteeism	Absenteeism percentage Eindhoven	≤ 8,0
Absenteeism	Absenteeism percentage Westerlo	≤ 7,0

II PLANET**DAF TRUCKS NV**

Emission	Reduction Green House Gases, SBTi: see website PACCAR: https://www.paccar.com/about-us/environmental-social-and-governance/	
Waste	Compliance with internal objective for waste to landfill (Eindhoven/Westerlo)	0%
Energy	Reduction of energy consumption Eindhoven: Energy Efficiency Directive, Energy Audit 2021-2024	
Energy	Reduction of energy consumption Westerlo: see website EBO: https://ebo-vlaanderen.be/nl	
Recycling	Recyclability of DAF vehicles (MY17&NGD):	≥90%
Emission	DAF is committed to reduce CO2 emissions supporting the Paris Agreement, including the position as described by ACEA, see website: https://www.acea.auto/publication/position-paper-review-of-co2-emission-standards-regulation-for-heavy-duty-vehicles As a reference, in 2022 DAF CO2 emissions reductions of the vehicles were even ahead of the European ambition target.	
Communication	Continued (free) publicity about DAF's position on sustainable transport, multimedia	

Product Development

Emission	Research of additional technologies such as hybrid-technology and electrical driveline for global reduction of CO ₂ and local improvement of air quality	
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Purchasing

Certification	Production Goods suppliers with environmental certificate	≥ 90%
Certification	Service suppliers (with environmental impact) with environmental certificate	100%
Performance	Suppliers with C status environmental performance	≤ 10%

Production (Eindhoven, Netherlands and Westerlo, Belgium)

Emission VOC	Compliance to EC Directive 96/61/EC IPPC (Eindhoven)	≤ 70 gr/m2
Emission VOC	Compliance to EC Directive 99/13/EC VOC (Westerlo)	≤ 55 gr/m2
Waste	Compliance to internal objective for hazardous waste (Eindhoven)	≤ 40,4 kg/truck
Waste	Compliance to internal objective for hazardous waste (Westerlo)	30,0 kg/cab
Waste	Compliance with internal objective for unsorted regular waste (Eindhoven)	≤ 18,2 kg/truck
Waste	Compliance with internal objective for unsorted regular waste (Westerlo)	7,4 kg/cab
Waste	Compliance with internal objective for packaging waste (Eindhoven)	≤ 59,8 kg/truck
Waste	Compliance with internal objective for packaging waste (Westerlo)	≤ 17,5 kg/truck
Water	Heavy metals in waste water (Eindhoven)	≤ 4,0 gr/truck
Water	Heavy metals in waste water (Westerlo)	≤ 2,3 gr/cab

Marketing & Sales

Emission	Use of free of charge ECO Drive training vouchers in EU	≥ 50%
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After Sales

Waste	Compliance with internal objective for volume of parts packaging waste	< 2233 kg/turnover
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For financial figures: see www.paccar.com