

Sustainability Report 2021

DAF Trucks N.V.



Foreword

This report is the Annual Sustainability Report of DAF Trucks N.V. on the year 2021. 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 2021**STATUS****I PEOPLE****Safety**

Safety	OSHA score (ORCR; OSHA Recordable Cases Rate) DAF Trucks: ≤ 2,0	realized
Safety	OSHA score (ORCR) Operations Eindhoven: ≤ 2,4	2,6
Safety	OSHA score (ORCR) Operations Westerlo: ≤ 3,0	realized
Safety	Safety inspections Operations Eindhoven and Westerlo: ≥ 5040	realized

Health

Absenteeism	Absenteeism percentage Eindhoven: ≤ 6,5%	8,80%
Absenteeism	Absenteeism percentage Westerlo: ≤ 9,0%	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/	realized
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	Development plans in line with DAF Roadmap
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
	DAF BEV available on market and improvements ongoing	realized
	Other alternatives like H ₂ ICE ongoing, see DAF H ₂ ICE winner of Innovation Award	realized

Purchasing

Certification	Production Goods suppliers with environmental certificate: ≥90%	73%
Certification	Service suppliers (with environmental impact) with environmental certificate: 100%	realized
Performance	Suppliers with C status environmental performance: ≤10%	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): ≤ 43,5 kg/truck	54,0 kg/truck
Waste	Compliance to internal objective for hazardous waste (Westerlo): ≤ 43,0 kg/cab	45,1 kg/truck
Waste	Compliance with internal objective for unsorted regular waste (Eindhoven): ≤ 18,3 kg/truck	realized
Waste	Compliance with internal objective for unsorted regular waste (Westerlo): ≤ 8,4 kg/cab	10,9 kg/cab
Waste	Compliance with internal objective for packaging waste (Eindhoven): ≤ 61,9 kg/truck	realized
Waste	Compliance with internal objective for packaging waste (Westerlo): ≤ 12,1 kg/truck	17,3 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 new own dealer Paris-Massy	realized
Certification	Certification according to ISO 14001 of DAF Trucks subsidiaries	realized
Water	Replacement of two compressors by one compressor (dealer Prague)	realized
Emission	Installation of new truck wash lane technology (dealer Budapest)	not realized

After Sales

Waste	Compliance with internal objective for volume of parts packaging waste ≤ 3100 kg/turnover	realized
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III PROFIT

For financial figures: see www.paccar.com

Performance Indicators DAF Trucks N.V.

PEOPLE	GRI*	2016	2017	2018	2019	2020	2021	Targets 2021
1, Headcount								
Eindhoven: Total number of employees	LA 1	6241	6663	7101	6485	6332	7172	
-of which BBL (study and work combined) workers	LA 1	27	29	29	25	27	13	
-of which flexworkers	LA 1	1158	1413	1552	895	1297	1578	
-of which internships	LA 1	75	66	65	70	71	74	
-of which male employees	LA 1	4216	4397	4668	5954	5760	6573	
-of which female employees	LA 1	343	355	379	531	572	599	
Westerlo: Total number of employees	LA 1	2220	2686	2851	2474	2576	2448	
-of which male employees	LA 1	2027	2105	2316	2251	2333	2213	
-of which female employees	LA 1	193	201	226	223	243	235	
2, Turnover								
Eindhoven: Turnover (including flexworkers)	LA 2							
-of which hired (re-entered)	LA 2	1382	2027	2491	728	880	2442	
-of which outflow	LA 2	1122	1288	1610	1508	1015	1684	
Westerlo: Turnover	LA 2							
-of which hired (re-entered)	LA 2	108	139	292	249	265	137	
-of which outflow	LA 2	141	53	56	317	297	131	
3, OSHA score (OSHA Recordable Cases Rate (ORCR))								
DAF (all departments): OSHA score	LA 7	2,2	2,1	2,6	2,2	1,7	1,9	Target: ≤ 2,0
Eindhoven (Operations): OSHA score	LA 7	1,8	1,7	2,2	2,7	2,2	2,6	Target: ≤ 2,4
Westerlo: OSHA score	LA 7	5,0	4,9	5,7	3,4	3,3	2,5	Target: ≤ 3,0
4, Absenteeism								
Eindhoven: Absenteeism	LA 7	5,6%	5,7%	6,4%	6,7%	6,8%	8,8%	Target: ≤ 6,5%
Westerlo: Absenteeism	LA 7	7,9%	8,8%	9,5%	10,3%	11,1%	8,2%	Target: ≤ 9,0%

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

II PLANET	GRI*	2016	2017	2018	2019	2020	2021	Targets 2021
Production numbers in trucks (assembled in Eindhoven)		40958	44342	48737	44368	32195	43075	
Production numbers in trucks (including components)		45968	49626	57627	52687	37636	49189	
Production numbers in cabs (Westerlo)		46580	50535	58230	52929	38343	49844	
1, VOC-emission								
Eindhoven: Total VOC-emission in tonnes	EN 20	142,3	122,4	130,3	116,7	105,8	130,7	
Eindhoven: in kg per truck	EN 20	3,5	2,8	2,7	2,6	3,3	3,0	
Eindhoven: in gram/m ²	EN 20	39	34	32,4	32	40	37	Target: ≤ 32.8 gr/m ²
Westerlo: Total VOC-emission in tonnes	EN 20	204,7	231,8	105,6	92,9	67,2	75,0	
Westerlo: in kg per cab assembled	EN 20	4,4	4,6	1,8	1,8	1,8	1,5	
Westerlo: emission Cab Painting Line in grams/m ²	EN 20	48,3	51	17	15,4	18	13	Target: ≤ 18 gr/m ²
2, Water consumption								
Eindhoven: tap water consumption in m ³	EN 8	218155	202191	244101	213147	208187	186535	
Eindhoven: consumption of surface water for cooling processes in m ³	EN 8	828820	907748	996453	1060335	793329	930530	
Eindhoven: % re-used water	EN 10	79,2%	81,8%	80,3%	83,3%	79,2%	83,3%	
Westerlo: tap water consumption in m ³	EN 8	153225	206492	240848	158114	131448	190032	
3, Discharge waste water								
Eindhoven: discharge waste water in m ^{3**}	EN 21	1343200	1344600	1348300	1456100	1256500	1360900	
- of which (as clean water) discharged cooling water		1159500	1155500	1164200	1241200	1024900	1160500	
- of which discharged waste water		183700	189100	189100	214900	231600	200400	
- contamination units (calculated according to Dutch legislation)		4682	4004	4099	4966	3663	3905	
- discharge heavy metals in kg		119,1	100,9	131,2	157,1	113,4	109,1	Target: ≤ 250 kg
- discharge heavy metals in grams per truck		2,91	2,27	2,69	3,54	2,55	2,53	Target: ≤ 4,0 gr/truck
- COD (chemical oxygen demand)		167033	146501	183335	237075	176223	149099	
Eindhoven: total number of significant incident discharges	EN 23	1	0	2	3	2	1	
Westerlo: Discharge waste water in m ^{3**}	EN 21	154087	206547	287112	215001	158123	292067	
- contaminant load units (calculated according to Belgium legislation)		740	631	436	359	298,5	542,1	
- discharge heavy metals in kg		83,5	72,3	39,4	37,8	18,17	35,4	
- discharge heavy metals in Westerlo in grams per truck (per cab)		1,8	1,4	0,7	0,7	0,47	0,71	Target: ≤ 2,3 gr/cab
- COD (chemical oxygen demand)		8353	9206	8091	9241	4052	8167	
Westerlo: total number of significant incident discharges	EN 23	1	0	0	0	0	1	

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

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

	GRI*	2016	2017	2018	2019	2020	2021	Targets 2021
4, Residues Eindhoven and Westerlo	EN 22							
Eindhoven: re-use and recycling		88,7%	87,9%	88,1%	88,3%	86,2%	87,3%	
Eindhoven: incineration		4,5%	4,9%	5,1%	5,0%	4,4%	4,5%	
Eindhoven: waste treatment (physical-chemical, composting, distillation, extraction)		10,1%	7,2%	6,8%	6,7%	9,4%	8,2%	
Eindhoven: landfill		0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	Target: 0%
Westerlo: re-use and recycling		83,9%	77,4%	77,3%	65,8%	66,0%	70,0%	
Westerlo: incineration		8,8%	9,8%	7,3%	6,6%	7,0%	14,0%	
Westerlo: waste treatment (physical-chemical treatment, distillation, extraction)		6,5%	12,8%	15,4%	27,6%	28,0%	16,0%	
Westerlo: landfill		0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	Target: 0%
Eindhoven: Total waste in tonnes	EN 22	36194	36308	38497	36439	30847	37077	
Eindhoven: residues in kg per truck**	EN 22	787	732	668	692	820	754	
Eindhoven: in kg chemical waste per truck**	EN 22	49	48	45,8	49,6	58,6	54,0	Target: ≤ 43,5 kg/truck
Eindhoven: in kg scrap per truck**	EN 22	519	475	438	451	516	477	
Eindhoven: in kg unsorted waste per truck**	EN 22	19,3	19,5	18,4	18,3	17,5	17,3	Target: ≤ 18,3 kg/truck
** related to production numbers in trucks including components								
Westerlo: Total waste in tonnes	EN 22	7718	7977	9062	9817	7531	8531	
Residues Westerlo in kg per cab	EN 22	166	158	156	167	196	171	
Westerlo in kg chemical waste per cab	EN 22	37	35,4	42,6	59,6	67,8	45,1	Target: ≤ 43,0 kg/cab
Westerlo: in kg scrap per cab	EN 22	108	102	93	94	99	93	
Westerlo: in kg unsorted waste per cab	EN 22	8,6	10,2	8,7	8,9	9,3	10,9	Target: ≤ 8,4 kg/cab
Eindhoven and Westerlo: Packaging waste	EN 22							
DAF: Packaging waste in kg per truck*** total (including After Sales)		105	102	100	107	127	122	
Eindhoven: Packaging waste Operations Eindhoven in kg per truck***		64	59	61	63	63,3	58,7	Target: ≤ 61,9 kg/truck
Westerlo: Packaging waste Operations Westerlo in kg per truck***		11,7	10,3	11,5	11,1	13,7	17,3	Target: ≤ 12,1 kg/truck
*** related to production numbers in trucks excluding components								
5, Gas consumption								
Eindhoven: gas consumption in millions m ³	EN 3	8,8	8,9	9,1	8,6	7,9	9,5	
Westerlo: gas consumption in millions m ³	EN 3	4,3	6,1	6	5,2	5,0	5,9	
Westerlo: gas consumption in MWh #	EN 3	49618	69352	68762	60203	58025	67922	
6, CO₂-emission								
Eindhoven: CO ₂ emission in tonnes resulted of gas consumption	EN 16	15685	15970	16269	15430	14137	17018	
Eindhoven: in tonnes according to Directive 2003/87/EC	EN 16	17117	17792	18230	17236	15426	18691	
Westerlo: CO ₂ emission in tonnes resulted of gas consumption	EN 16	9049	12648	12540	10979	10582	12387	
DAF: other indirect greenhouse gas emission	EN 17	1110	1162	1194	1132	909	813	(Alphabet)
7, Electricity consumption								
Eindhoven: electricity consumption in MWh	EN 4	78910	76858	84161	81144	68606	80885	
Eindhoven: electricity consumption in MWh per truck	EN 4	1,93	1,73	1,73	1,83	2,13	1,88	
Westerlo: electricity consumption in MWh	EN 4	39779	50453	53718	50068	46484	52085	
Westerlo: electricity consumption in MWh per cab	EN 4	0,88	1	0,92	0,95	1,21	1,04	

* 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*	2016	2017	2018	2019	2020	2021	Targets 2021
8, Energy Efficiency Index								
Eindhoven: Long Term Agreement (LTA) on Energy Efficiency 3 (2009 – 2020, ref, 2005)	EN 5	85,4%	77,0%	78,7%	79,6%	86,3%	-	
9, Emission NO_x								
Eindhoven: NO _x emission in kg	EN 20	61533	56537	46217	45995	38913	38059	
10, Emissions of cooling gases								
Eindhoven: emissions HFC's in kg due to filling air conditioning systems in trucks	EN 19	431	354	478	511	480	244	
Eindhoven: emissions HCFC's & HFC's in kg in production & buildings	EN 19	67	39	146	251	147	209	
Westerlo: emissions HCFC's & HFC's in kg in production & buildings	EN 19	9	7	37,8	0	34,4	6,5	
11, Purchasing								
% suppliers of Production Goods with valid ISO 14001 certificate		84%	85%	88%	86%	90%	73%	Target: >90%
% suppliers of Services with valid ISO 14001 certificate		94%	100%	100%	100%	100%	100%	Target: 100%
12, Sales and Service								
Number revised parts for re-use on market		47917	27967	25318	26039	23350	31166	
% EU Sales and Service dealers with valid ISO 14001 certificate		98%	97%	98%	96%	91%	93%	Target: 100%
III PROFIT								
See: www.paccar.com								

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

OBJECTIVES 2022**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	≤2,6
Safety	Safety inspections Operations Eindhoven and Westerlo	≥4500

Health

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

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:	≥90%
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	Development plans in line with DAF Roadmap
Certification	Continued ISO14001 certificate DAF Trucks N.V.	
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/m ²
Emission VOC	Compliance to EC Directive 99/13/EC VOC (Westerlo)	≤ 55 gr/m ²
Waste	Compliance to internal objective for hazardous waste (Eindhoven)	≤ 45,1 kg/truck
Waste	Compliance to internal objective for hazardous waste (Westerlo)	≤ 41,0 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)	≤ 8,4 kg/cab
Waste	Compliance with internal objective for packaging waste (Eindhoven)	≤ 63,1 kg/truck
Waste	Compliance with internal objective for packaging waste (Westerlo)	≤ 15,4 kg/truck
Water	Heavy metals in waste water (Eindhoven)	≤ 4,0 gr/truck
Water	Heavy metals in waste water (Westerlo)	≤ 2,3 gr/cab
Energy	Implementation Certain Measures in Energy Audit (EED) (Eindhoven)	
Energy	Implementation Certain Measures in Energy Plan (Westerlo)	

Marketing & Sales

Certification	Certification according to ISO 14001 of global DAF dealer network	≥ 75%
Emission	Use of free of charge ECO Drive training vouchers in EU	≥ 50%
Energy	Installation of new truck wash lane technology (dealer Budapest)	

After Sales

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

For financial figures: see www.paccar.com