

Valmet Automotive Carbon Neutrality PAS 2060 Qualifying Explanatory Statement

1st Declaration of achievement



VALMET AUTOMOTIVE



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Carbon Neutrality Declaration

Carbon neutrality of Scope 1 and 2 emissions has been achieved by Valmet Automotive in accordance with PAS2060 at 31.12.2022 with commitment to maintain to 31.12.2029 for the period commencing 01.01.2022, DNV Business Assurance Finland Oy Ab certified.

Signed by:

DocuSigned by:

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Olaf Bongwald
Chief Executive Officer

As our first declaration of achievement, this QES contains all the required information on the carbon neutrality of the given subject and will be made publicly available on our website.



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Entity making PAS 2060 declaration	Valmet Automotive
Individual(s) responsible for the evaluation and provision of data necessary for the substantiation of the declaration (including that of preparing, substantiating, communicating and maintaining the declaration)	Andreas Hübinger, Director Sustainability Management and Environment
Subject of PAS 2060	Scope 1 and 2 (market-based) emissions of Valmet Automotive
Function of subject	Valmet Automotive provides services for automotive industry in three business areas. Our extensive history in car production, combined with world-class expertise in engineering and manufacturing of electric vehicles, battery and kinematic systems makes us a preferred strategic partner for OEMs.
Activities required for subject to fulfill its function	Scope 1 and 2 emissions for Valmet Automotive's direct operations come from fuels of leased vehicles, fossil fuels used in process heating, waste gas and natural gas used for heating owned and leased office space, consumed electricity and refrigerants.
Rationale for selection of the subject	The subject reflects Valmet Automotive's emissions from both owned and leased locations of which we have operational control over. This enables Valmet Automotive to have direct influence over the reduction of emissions and take necessary steps to achieve carbon neutrality without offsets.



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Methodology for Footprint Calculation	<p>WRI GHG Protocol, Corporate Accounting and Reporting Standard</p> <p>Greenhouse gas (GHG) emissions are calculated based on the direct measurement of energy use (e.g. meter reads/invoices) where available and estimated energy consumption based on office area or reference periods where direct measurement is not possible.</p> <p>Scope 1 emissions (i.e. direct GHG emissions) cover on-site energy consumption of fossil fuel sources for owned facilities, as well as emissions from owned or leased fleet vehicles.</p> <p>Scope 2 emissions (i.e. indirect GHG emissions) are from purchased electricity and district heating. Valmet Automotive reports both market and location-based Scope 2 electricity emissions.</p>
Type of conformity assessment undertaken	OPV-3 – Other party validated – Unified
Baseline date for PAS 2060	1.1.2021-31.12.2021
Achievement period	1.1.2022-31.12.2022
Commitment period	1.1.2022-31.12.2029



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Scope of Carbon Neutrality Declaration

The commitment to achieve carbon neutrality covers all Scope 1 and Scope 2 (market-based) emissions that arise from Valmet Automotive's operations. These are emissions that can be impacted through reducing and replacing the fossil procurement, purchasing and business practices.

We currently report and account for those activities that are relevant to our business and goals, and for which there is reliable information. Scope 3 emissions are not included in this commitment to carbon neutrality, because Scope 3 emission estimates are not accurate enough and are being addressed through partnerships within our supply chain. We have committed to set comprehensive Scope 3 emission targets through the Science-based Target initiative (SBTi).

Carbon Footprint

Scope 1 & 2 GHG emissions

	2021 GHG emissions [t CO ₂ e]	2022 GHG emissions [t CO ₂ e]	Change absolute [t CO ₂ e]	Change relative [%]
Scope 1	7.677	7.924	+246,5	+3,2
Scope 2 (market-based)	449	446	-3,2	-0,7
Scope 2 (location-based)	20.009	17.177	-2832,5	-14,2
Scope 1 + 2 (market-based)	8.126	8.370	+244	+3,0
Valmet Automotive Net Sales	-	-	-	+5,8



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Emission reductions achieved during the declaration period

During the period concerning this carbon neutrality declaration Valmet Automotive has continued its efforts to further reduce the Scope 1 and Scope 2 (market-based) emissions by pursuing its Carbon Management Plan. The central element of this plan is the transition to renewable energy in its own operations.

As part of this Valmet Automotive has conducted a study to investigate opportunities to replace the light fuel oil (LFO) in its Uusikaupunki car manufacturing plant with renewable alternatives. As a result two possible options were identified and scenarios for their implementation are being developed. In 2022 emissions caused by the use of LFO have been reduced by 3,6 %. The use of LFO is currently responsible for 81,7% of the remaining Scope 1 footprint.

To further reduce the emissions tied to the operation of company owned and leased vehicles, Valmet Automotive has implemented a new car policy in April 2021 requiring the use of battery electric vehicles (BEV) or hybrid cars. As a result 77% (55% in 2021) of the Valmet Automotive’s owned or leased vehicles are now at least partially using renewable energy. The share of 40% of fully electric vehicles will further increase due to a new revision of the car policy, which is only allowing for battery electric vehicles to be used.

Despite the activities to reduce the Valmet Automotive’s carbon footprint, Scope 1 and Scope 2 (market-based) emissions increased by a total of 244 t CO₂e (3,0 %) during the period concerning this carbon neutrality declaration, resulting from continuous improvements in the GHG emission calculation methodology. Although these improvements have led to an increase in the calculated GHG emissions, they will enable Valmet Automotive to better measure, manage and improve its emissions.

During the period relevant for this declaration Valmet Automotive has achieved an economic growth of 5,8%.



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Methodology

Greenhouse gas (GHG) emissions are calculated in accordance with The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard. Carbon emissions data are reported in carbon dioxide equivalent (CO₂e) metric tons; this measure is used to compare the emissions from the six main greenhouse gases based on their global warming potential. Carbon dioxide equivalent (CO₂e) emissions are calculated based on the direct measurement of energy use (e.g. meter reads/ invoices) where available and estimated energy consumption based on office area or reference periods where direct measurement is not possible.

Scope 1 emissions (direct CO₂e emissions) cover on-site energy consumption of fossil fuel sources (e.g. light fuel oil, LPG, natural gas) for owned facilities, as well as emissions from owned or leased fleet vehicles. Scope 2 emissions (indirect CO₂e emissions) are from purchased electricity and district heating. Carbon emissions from electricity (Scope 2) are reported as both market based and location based emissions in line with the GHG Protocol Scope 2 Guidance.

Our GHG reduction targets and reporting protocols are based on market emissions applying emissions factors specified in energy attribute certificates, contracts, power purchase agreements and supplier utility emissions as detailed in GHG Protocol Scope 2 guidance. Where renewable electricity is used at a site, evidence supporting the contractual instrument or energy attribute certificate is maintained and updated annually. All contractual instruments or energy attribute certificates reported meet the quality criteria detailed in the GHG Protocol Scope 2 guidance. For location-based reporting of grid electricity consumption, regional or subnational factors are used where available.

Our carbon accounting methodology was chosen to follow the most widely accepted and publicly available protocols and guidance currently available. The methodology is documented in our operational instructions and will be reviewed annually.

Our emission reduction plan will be revised annually to ensure targets are achieved.

Valmet Automotive follows the energy and electricity usage on monthly basis and executes the emission calculations once a year retrospectively in the beginning of the year.



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Risks and uncertainties regarding boundaries

Data Quality and Uncertainty

All activity data has been collected by Valmet Automotive and consists of both primary data (actual, measured amounts) and secondary data (estimated amounts). As far as possible, primary data is used to avoid uncertainties in the result. The information that has been collected from secondary data refers to the emission from the car testing in test driveway of Uusikaupunki factory and the heating energy usage of in Turku, Munich, Frankfurt, Weihenbronn and VCM Other locations. Other than that scope 1 and 2 data is collected from primary data sources.

Uncertainties exist both in activity data and in the emission factors applied. Uncertainty in climate calculations arises from applied activity data, method, assumptions, emission factors and GWP values. To avoid underestimating emissions, conservative assumptions and emission factors have been applied.



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Carbon Emission Offsets

To compensate the emissions that are unavoidable, Valmet Automotive has purchased a total of 8.370 carbon compensation credits to achieve carbon neutrality and therefore offset Scope 1 and 2 (market-based) emissions of Valmet Automotive.

Compensations are publicly registered and additional documentation on projects is available. All credits purchased to offset the Scope 1 and 2 (market-based) emissions relevant to this QES are retired within 12 months from the date of confirmation of this declaration of achievement.

Supported Projects

Project ID	GS4273
Project Title	SSE1 SOLAR PV 1 – 10 POWER PLANT PROJECT
Project Type	Solar Thermal Electricity
Location	Thailand
Serial Number	GS1-1-TH-GS4273-2-2020-20598-15578-20699
Quantity	5.122 of 5.122 (100%)
Vintage	2020
Standard	Gold Standard Certified Project
Link	https://registry.goldstandard.org/batch-retirements/details/88916
Project ID	GS4273
Project Title	SSE1 SOLAR PV 1 – 10 POWER PLANT PROJECT
Project Type	Solar Thermal Electricity
Location	Thailand
Serial Number	GS1-1-TH-GS4273-2-2017-18821-39008-41585
Quantity	2.578 of 2578 (100%)
Vintage	2017
Standard	Gold Standard Certified Project
Link	https://registry.goldstandard.org/batch-retirements/details/88916



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Project ID	GS4273
Project Title	SSE1 SOLAR PV 1 – 10 POWER PLANT PROJECT
Project Type	Solar Thermal Electricity
Location	Thailand
Serial Number	GS1-1-TH-GS4273-2-2015-6020-67308-67333
Quantity	26 of 26 (100%)
Vintage	2015
Standard	Gold Standard Certified Project
Link	https://registry.goldstandard.org/credit-blocks/details/254142
Project ID	GS4273
Project Title	SSE1 SOLAR PV 1 – 10 POWER PLANT PROJECT
Project Type	Solar Thermal Electricity
Location	Thailand
Serial Number	GS1-1-TH-GS4273-2-2016-18820-20043-20230
Quantity	188 of 188 (100%)
Vintage	2016
Standard	Gold Standard Certified Project
Link	https://registry.goldstandard.org/credit-blocks/details/254145
Project ID	GS4273
Project Title	SSE1 SOLAR PV 1 – 10 POWER PLANT PROJECT
Project Type	Solar Thermal Electricity
Location	Thailand
Serial Number	GS1-1-TH-GS4273-2-2017-18821-59918-60129
Quantity	212 of 212 (100%)
Vintage	2017
Standard	Gold Standard Certified Project
Link	https://registry.goldstandard.org/credit-blocks/details/254148



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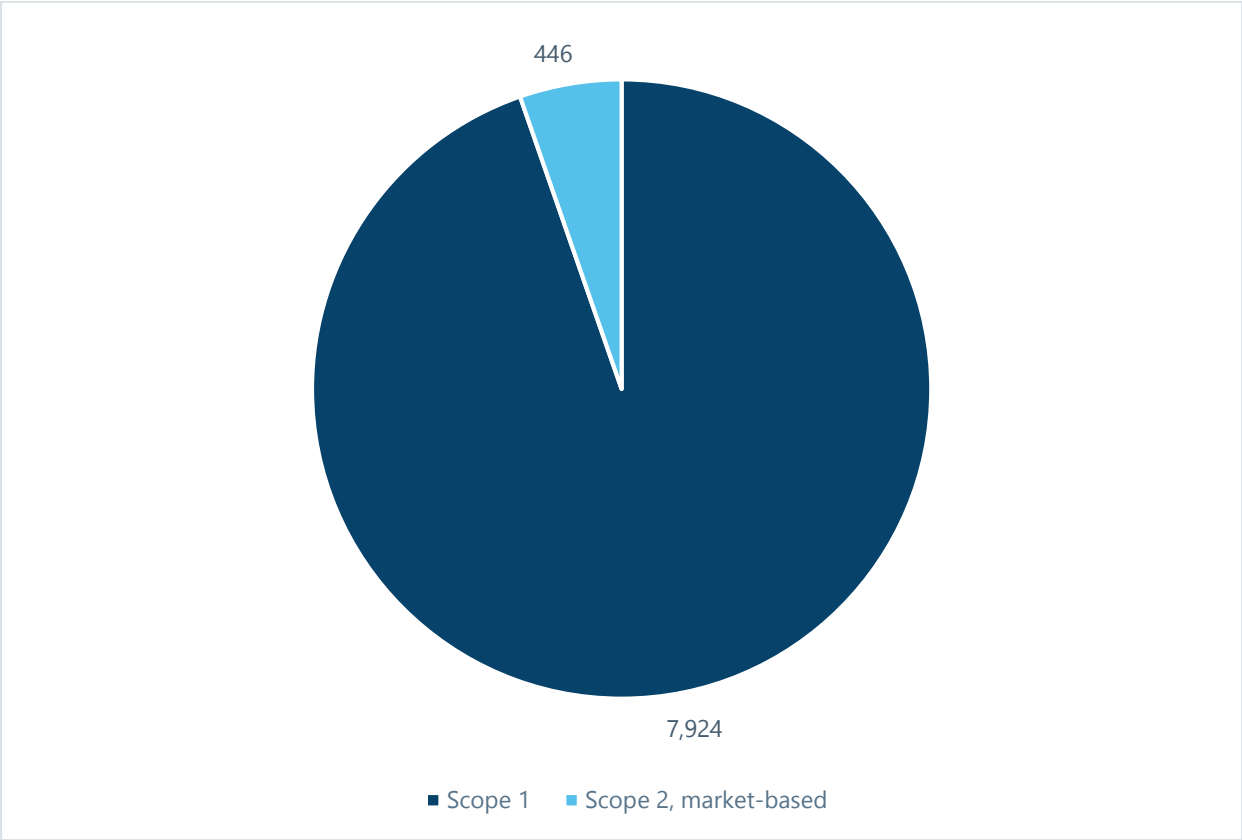
Project ID	1974
Project Title	Srepok 1 Solar Power Projec
Project Type	Energy industries (renewable/non-renewable sources)
Location	Viet Nam (VN)
Serial Number	14351-580012026-580017025-VCS-VCU-842-VER-VN-1-1974-01012021-31122021-0
Quantity	244 of 5000 (4,86 %)
Vintage	2021
Standard	Verified Carbon Standard
Link	https://registry.verra.org/mymodule/rpt/CertificateInfo.asp?b=1&rhid=189205



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Appendix A. Carbon Footprint





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Appendix B. Carbon Reduction Plan

Valmet Automotive has committed to achieve carbon neutrality in scope 1 and 2 in the period starting 01.01.2022 and to maintain this status going forward. The baseline period for this commitment was 01.01.2021 to 31.12.2021. In addition to the commitment towards carbon neutrality, Valmet Automotive has set a strategic target of reducing the required offsets as much as possible by 2029. In order to achieve this, the following carbon footprint management plan has been developed.

In December 2022 Valmet Automotive has formally committed to the Science Based Target Initiative (SBTi). As part of this process the emission reduction targets that Valmet Automotive is committed to achieve, will be verified against the Paris Agreement 1.5 °C target.

Scope 1 Emissions Reduction plan

As important part of the company’s strategic sustainability program implementation, VA made the decision to replace the use of light fuel oil in its vehicle contract manufacturing (VCM) business line in Uusikaupunki. Options currently being assessed include the use of renewable fuel oil and building a terminal for renewable energy. These actions play a decisive role in realizing CO2 neutrality of the Uusikaupunki site by significantly reducing GHG emissions, reducing energy consumption and improving energy efficiency. Since April 2021 Valmet Automotive has created car policy regarding leased and owned cars. The initial version of the policy stated that *“only an electric car (BEV) will be accepted as a new company car”*, but allowed for the exception to use PHEV-models after approval by either the CEO or the SVP Group HR. In February 2023 a new revision of the car policy has been issued that bans the use of all non-BEV.

This policy has already been making a change since Valmet Automotive’s emissions from leased and owned cars has decreased by 31.5% in the eight months the policy has been in place. To date 77% of the fleet is already full electric or hybrid. In 2022 no significant reductions in the emissions linked to petrol and diesel have been identified. This is to be attributed both to improved data on the consumption of the car fleet and to the typical 3 year cycle of leasing contracts.



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Scope 2 Electricity Emissions reduction plan

Our carbon reduction strategy for Scope 2 emissions will be achieved through reductions in energy consumption and by replacing electricity to renewable in all office spaces. Under market-based Scope 2 accounting, the emission factor for renewable electricity is 0 tCO₂e/kWh in all our owned facilities and also in the leased offices.

Since 2019 Valmet Automotive has made a lot of emission reductions especially in scope 2. Most of our factories (with exception of Kirchartt, Germany) use 100% renewable electricity. Also, our owned office space in Osnabrück, Germany, uses 100% renewable electricity. Of Valmet Automotive’s leased offices Turku, Finland and all our German offices use renewable electricity. Contracts for the Kirchartt, Germany production site have been changed effective February 2023 to renewable energy as well. It is also planned to switch the electricity in our Vantaa offices to renewable energy in 2023-2024 by the owners.

Then the only Scope 2 emission still created will be from the district heating in Salo, Finland, that uses Waste gas as the source of heating. Uusikaupunki plant uses 100% renewable energy in district heating.

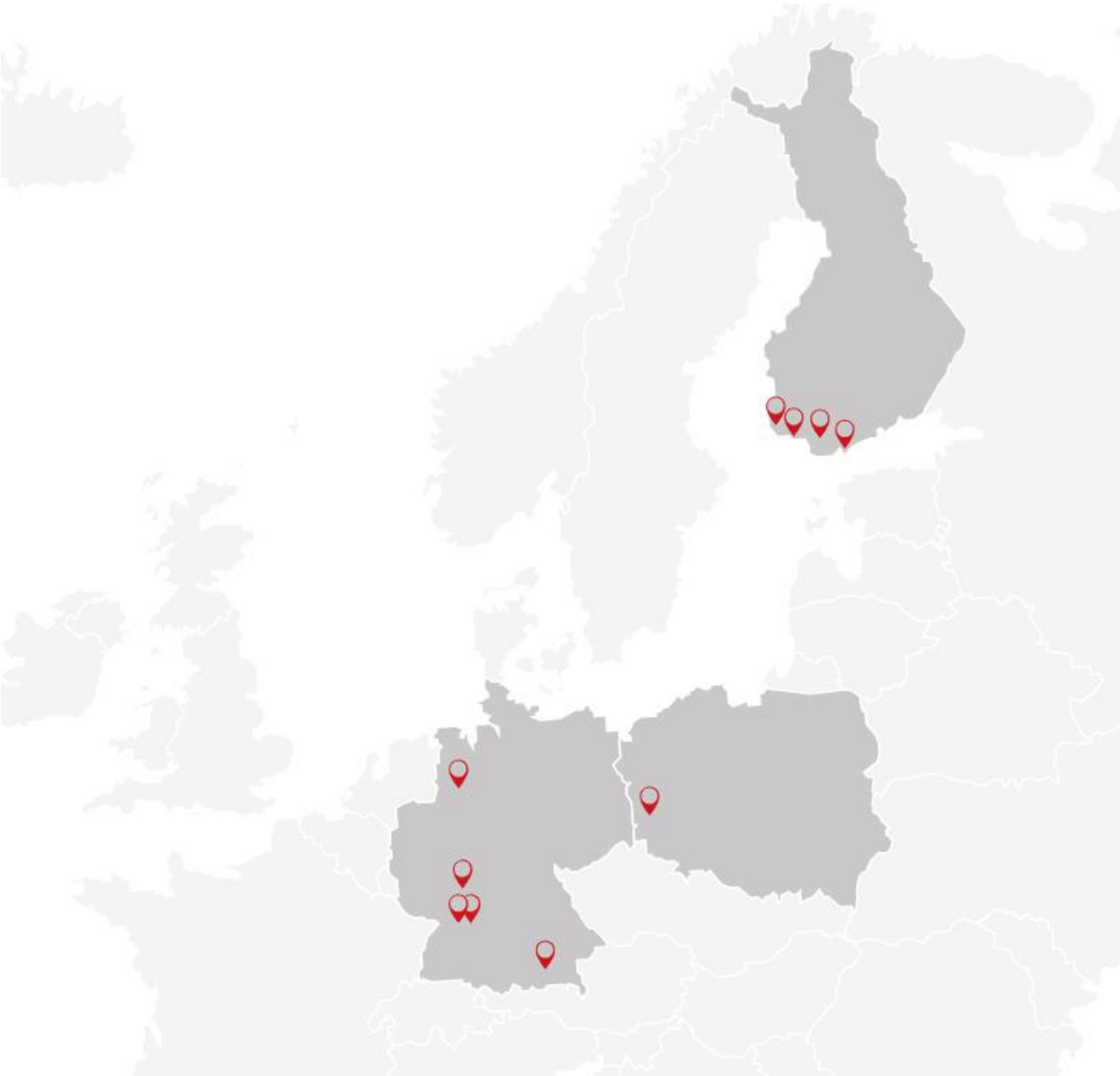
In the light of our strategic target to eliminate all scope 1 and 2 emissions, options to replace district heating in Salo by renewable energy sources are being investigated and discussed with the landlord.



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Appendix C. Map of Valmet Automotive locations





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Appendix D. DNV verification



Independent Limited Assurance Report to the Management of Valmet Automotive Group

Valmet Automotive Group ("Valmet Automotive") commissioned **DNV Business Assurance Finland Oy Ab** ("DNV") to conduct a limited assurance engagement over the achievement of carbon neutrality in the Qualifying Explanatory Statement - 1st Declaration of achievement (the "Report") of Valmet Automotive dated 16.3.2023.

Scope of work

The scope and boundary of our work is restricted to assessing that Valmet Automotive's preparation of the achievement of carbon neutrality with regards to Scopes 1 and 2, presented in the Report, is in accordance with the publicly Available Specification for the PAS 2060:2014 Demonstration of Carbon Neutrality achievement (the "Criteria"). In addition, Scope 1 and 2 greenhouse gas emissions, presented in the Report (page 05) have been assured for the reporting period 1st January to 31st December 2022.

We have not performed any work, and do not express any conclusion, on any other information that may be published outside of the report and/or on Valmet Automotive's website for the current reporting period.

Our conclusion

Based on the procedures we have performed and the evidence we have obtained, nothing has come to our attention that causes us to believe that the Report is not fairly stated and has not been prepared, in all material respects, in accordance with the Criteria.

This conclusion relates only to the Report and is to be read in the context of this Assurance Report, in particular the inherent limitations explained below.

Standard and level of assurance

We performed a limited assurance engagement in accordance with the International Standard on Assurance Engagements (ISAE) 3000 revised – 'Assurance Engagements other than Audits and Reviews of Historical Financial Information' (revised), issued by the International Auditing and Assurance Standards Board. This standard requires that we comply with ethical requirements and plan and perform the assurance engagement to obtain limited assurance.

DNV applies its own management standards and compliance policies for quality control, in accordance with ISO/IEC 17021:2015 - Conformity Assessment Requirements for bodies providing audit and certification of management systems, and accordingly maintains a comprehensive system of quality control including documented policies and procedures regarding compliance with ethical requirements, professional standards, and applicable legal and regulatory requirements.

The procedures performed in a limited assurance engagement vary in nature and timing from and are less detailed than those undertaken during a reasonable assurance engagement, so the level of assurance obtained is substantially lower than the assurance that would have been obtained had a reasonable assurance engagement been performed. We planned and performed our work to obtain the evidence we considered sufficient to provide a basis for our opinion, so that the risk of this conclusion being in error is reduced, but not reduced completely.

Basis of our conclusion

We are required to plan and perform our work in order to consider the risk of material misstatement of the Report; our work included, but was not restricted to:



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- Conducting interviews with Valmet Automotive's management to obtain an understanding of the data management systems and processes used to generate, aggregate and report the information;
- Two remote site audits to review the processes and systems for preparing site level data. The site reviews were conducted at:
 - Valmet Automotive Plc, Uusikaupunki production site in Finland
 - Valmet Automotive EV Power Ltd, Salo production site in Finland
- Reviewing data at source and following this through to consolidated group data;
- Assessing whether the standards and methodologies used in carbon emission calculations met the Criteria; and
- Reviewing whether the evidence, measurements, and the Report is prepared in accordance with the Criteria.

Inherent limitations

Our assurance relies on the premise that the data and information provided by Valmet Automotive to us as part of our review procedures have been provided in good faith. Because of the selective nature (sampling) and other inherent limitations of both procedures and systems of internal control, there remains the unavoidable risk that errors or irregularities may not have been detected. Energy use data utilized in greenhouse gas (GHG) emissions calculations are subject to inherent limitations, given the nature and the methods used for determining such data. Finally, the selection of different but acceptable measurement techniques may result in materially different measurements.

DNV expressly disclaims any liability or co-responsibility for any decision a person or an entity may make based on this Independent Assurance Report.

Our competence, independence and quality control

DNV established policies and procedures are designed to ensure that DNV, its personnel and – where applicable – others are subject to independence requirements (including personnel of other entities of DNV) and maintain independence where required by relevant ethical requirements. This engagement work was carried out by an independent team of sustainability assurance professionals, whose members have not been involved in the development of any of the Criteria. Our team consisted of professionals with environmental and sustainability assurance experience.

Responsibilities of the Management of Valmet Automotive and DNV

The Management of Valmet Automotive have sole responsibility for:

- Preparing and presenting the Report in accordance with the Criteria;
- Designing, implementing and maintaining effective internal controls over the information and data, resulting in the preparation of the Report that is free from material misstatements;
- Measuring and reporting the Report based on their established Criteria; and
- Contents and statements contained within the Report and the Criteria.



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Our responsibility is to plan and perform our work to obtain limited assurance about whether the Report has been prepared in accordance with the Criteria and to report to Valmet Automotive in the form of an independent limited assurance conclusion, based on the work performed and the evidence obtained. We have not been responsible for the preparation of the Report.

For and on behalf of DNV Business Assurance Finland Oy Ab
Espoo, Finland

16th March 2023

Heidi Käkälä
Lead Auditor
DNV Business Assurance Ab Oy

Sari Siitonen
Principal Consultant and Reviewer
DNV Business Assurance Ab Oy

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No.	Items	Status
1	Identify the individual responsible for the evaluation and provision of data necessary for the substantiation of the declaration including that of preparing, substantiating, communicating, and maintaining the declaration.	x
2	Identify the entity responsible for making the declaration.	x
3	Identify the subject of the declaration.	x
4	Explain the rationale for the selection of the subject. (The selection of the subject should ideally be based on a broader understanding of the entire carbon footprint of the entity so that the carbon footprint of the selected subject can be seen in context; entities need to be able to demonstrate that they are not intentionally excluding their most significant greenhouse gas [GHG] emissions [or alternatively can explain why they have done so]).	x
5	Define the boundaries of the subject.	x
6	Identify all characteristics (purposes, objectives, or functionality) inherent to that subject.	x
7	Identify and take into consideration all activities material to the fulfilment, achievement or delivery of the purposes, objectives, or functionality of the subject.	x
8	Select which of the 3 options within PAS 2060 you intend to follow.	x
9	Identify the date by which the entity plans to achieve the status of "Carbon Neutrality" of the subject and specify the period for which the entity intends to maintain that status.	x
10	Select an appropriate standard and methodology for defining the subject, the GHG emissions associated with that subject and the calculation of the carbon footprint for the defined subject.	x
11	Provide justification for the selection of the methodology chosen. (The methodology employed shall minimize uncertainty and yield accurate, consistent, and reproducible results.)	x
12	Confirm that the selected methodology was applied in accordance with its provisions and the principles set out in PAS 2060.	x
13	Describe the actual types of GHG emissions, classification of emissions (Scope 1, 2, or 3) and size of carbon footprint of the subject exclusive of any purchases of carbon offsets. a) All greenhouse gases shall be included and converted into tCO ₂ e. b) 100% Scope 1 (direct) emissions relevant to the subject shall be included when determining the carbon footprint.	x



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	<p>c) 100% Scope 2 (indirect) emissions relevant to the subject shall be included when determining the carbon footprint.</p> <p>d) Where estimates of GHG emissions are used in the quantification of the subject carbon footprint (particularly when associated with Scope 3 emissions) these shall be determined in a manner that precludes underestimation.</p> <p>e) Scope 1, 2 or 3 emission sources estimated to be more than 1% of the total carbon footprint shall be taken into consideration unless evidence can be provided to demonstrate that such quantification would not be technically feasible or cost effective. (Emission sources estimated to constitute less than 1% may be excluded on that basis alone.)</p> <p>f) The quantified carbon footprint shall cover at least 95% of the emissions from the subject.</p> <p>g) Where a single source contributes more than 50% of the total emissions, the 95% threshold applies to the remaining sources of emissions.</p> <p>h) Any exclusion and the reason for that exclusion shall be documented.</p>	
14	<p>Where the subject is an organization/company or part thereof, ensure that:</p> <p>a) Boundaries are a true and fair representation of the organization's GHG emissions (i.e. shall include all GHG emissions relating to core operations including subsidiaries owned and operated by the organization). It will be important to ensure claims are credible – if an entity chooses a very narrow subject and excludes its carbon intensive activities or if it outsources its carbon intensive activities, then this needs to be documented.</p> <p>b) Either the equity share or control approach has been used to define which GHG emissions are included. Under the equity share approach, the entity accounts for GHG emissions from the subject according to its share of equity in the subject. Under the control approach, the entity shall account for 100% of the GHG emissions over which it has financial and/or operational control.</p>	x
15	Identify if the subject is part of an organization or a specific site or location and treat as a discrete operation with its own purpose, objectives and functionality.	x
16	Where the subject is a product or service, include all Scope 3 emissions (as the lifecycle of the product/service needs to be taken into consideration).	
17	Describe the actual methods used to quantify GHG emissions (e.g. use of primary or secondary data), the measurement unit(s) applied, the period of application and the size of the resulting carbon footprint. (The carbon footprint shall be based as far as possible on primary activity data.) Where quantification is based on calculations (e.g. GHG activity data multiplied by greenhouse gas emission factors or the use of mass balance/lifecycle models) then GHG emissions shall be calculated using emission factors from national (Government) publications. Where such factors are not available, international or industry guidelines shall be used. In all cases the sources of such data shall be identified.	x
18	Provide details of, and explanation for, the exclusion of any Scope 3 emissions.	x



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19	Document all assumptions and calculations made in quantifying GHG emissions and in the selection or development of greenhouse gas emission factors. (Emission factors used shall be appropriate to the activity concerned and current at the time of quantification.)	x
20	Document your assessments of uncertainty and variability associated with defining boundaries and quantifying GHG emissions including the positive tolerances adopted in association with emission estimates. (The statement could take the form of a qualitative description regarding the uncertainty of the results, or a quantitative assessment of uncertainty if available [e.g. carbon footprint based on 95% of likely greenhouse gas emissions; primary sources are subject to variation over time; footprint is best estimate based on reasonable costs of evaluation]).	x
21	Document Carbon Footprint management plan: a) Make a statement of commitment to carbon neutrality for the defined subject. b) Set timescales for achieving carbon neutrality for the defined subject. c) Specify targets for GHG reduction for the defined subject appropriate to the timescale for achieving carbon neutrality including the baseline date, the first qualification date and the first application period. d) Document the planned means of achieving and maintaining GHG emissions reductions including assumptions made and any justification of the techniques and measures to be employed to reduce GHG emissions. e) Specify the offset strategy including an estimate of the quantity of GHG emissions to be offset, the nature of the offsets and the likely number and type of credits.	x
22	Implement a process for undertaking periodic assessments of performance against the Plan and for implementing corrective action to ensure targets are achieved. The frequency of assessing performance against the Plan should be commensurate with the timescale for achieving carbon neutrality.	x
23	Where the subject is a non-recurring event such as weddings or concert, identify ways of reducing GHG emissions to the maximum extent commensurate with enabling the event to meet its intended objectives before the event takes place and include post-event review to determine whether the expected minimization in emissions has been achieved.	
24	For any reductions in the GHG emissions from the defined subject delivered in the period immediately prior to the baseline date and not otherwise taken into account in any GHG emissions quantification (historical reductions), confirm: (a) the period from which these reductions are to be included; (b) that the required data is available and that calculations have been undertaken using the same methodology throughout; and	x



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	(c) that assessment of historical reduction has been made in accordance with this PAS, reporting the quantity of historical reductions claimed in parallel with the report of total reduction.	
25	Record the number of times that the declaration of commitment has been renewed without declaration of achievement.	x
26	Specify the type of conformity assessment: a) independent third-party certification b) other party validation c) self-validation	x
27	Include statements of validation where declarations of commitment to carbon neutrality are validated by a third-party certifier or second party organizations.	x
28	Date the Qualifying Explanatory Statement (QES) and have it signed by the senior representative of the entity concerned (e.g. CEO of a corporation; Divisional Director, where the subject is a division of a larger entity; the Chairman of a town council or the head of the household for a family group).	x
29	Make QES publicly available and provide a reference to any freely accessible information upon which substantiation depends (e.g. via websites).	x
30	Update the QES to reflect changes and actions that could affect the validity of the declaration of commitment to carbon neutrality.	

No.	Items	Status
1	Define standard and methodology use to determine its GHG emissions reduction	x
2	Confirm that the methodology used was applied in accordance with its provisions and the principles set out in PAS 2060 were met.	x
3	Provide justification for the selection of the methodologies chosen to quantify reductions in the carbon footprint, including all assumptions and calculations made and any assessments of uncertainty. (The methodology employed to quantify reductions shall be the same as that used to quantify the original carbon footprint. Should an alternative methodology be available that would reduce uncertainty and yield more accurate, consistent and reproducible results, then this may be used provided the original carbon footprint is re-quantified to the same methodology, for comparison purposes. Recalculated carbon footprints shall use the most recently available emission factors, ensuring that for purposes of comparison with the original calculation, any change in the factors used is taken into account)	x
4	Describe the means by which reductions have been achieved and any applicable assumptions or justifications.	x
5	Ensure that there has been no change to the definition of the subject. (The entity shall ensure that the definition of the subject remains unchanged through each and every	x



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Qualifying Explanatory Statement

Declaration of Achievement

1st declaration

	stage of the methodology. In the event that material change to the subject occurs, the sequence shall be re-started on the basis of a newly defined subject.)	
6	Describe the actual reductions achieved in absolute and intensity terms and as a percentage of the original carbon footprint. (Quantified GHG emissions reductions shall be expressed in absolute terms and shall relate to the application period selected and / or shall be expressed in emission intensity terms (e.g. per specified unit of product or instance of service)).	x
7	State the baseline / qualification date.	x
8	Record the percentage economic growth rate for the given application period used as a threshold for recognizing reductions in intensity terms.	x
9	Provide an explanation for circumstances where a GHG reduction in intensity terms is accompanied by an increase in absolute terms for the determined subject.	x
10	Select and document the standard and methodology used to achieve carbon offset.	x
11	Confirm that:	x
	a) Offsets generated or allowance credits surrendered represent genuine, additional GHG emission reductions elsewhere	x
	b) Projects involved in delivering offsets meet the criteria of additionality, permanence, leakage and double counting. (See the WRI Greenhouse Gas Protocol for definitions of additionality, permanence, leakage and double counting)	x
	c) Carbon offsets are verified by an independent third party verifier.	x
	d) Credits from Carbon offset projects are only issued after the emission reduction has taken place	x
	e) Credits from Carbon offset projects are retired within 12 months from the date of the declaration of achievement	x
	f) Provision for event related option of 36 months to be added here	
	g) Credits from Carbon offset projects are supported by publicly available project documentation on a registry which shall provide information about the offset project, quantification methodology and validation and verification procedures	x
	h) Credits from Carbon offset projects are stored and retired in an independent and credible registry	x



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12	Document the quantity of GHG emissions credits and the type and nature of credits actually purchased including the number and type of credits used and the time period over which credits were generated including:	x
	a) Document the quantity of GHG emissions credits and the type and nature of credits actually purchased including the number and type of credits used and the time period over which credits were generated including	x
	b) The actual amount of carbon offset.	x
	c) The type of credits and projects involved.	x
	d) The number and type of carbon credits used and the time period over which the credits have been generated.	x
	e) For events, a rationale to support any retirement of credits in excess of 12 months including details of any legacy emission savings, taken into account.	
	f) Information regarding the retirement/cancellation of carbon credits to prevent their use by others including a link to the registry or equivalent publicly available record, where the credit has been retired	x
13	Specify the type of conformity assessment: a) Independent third party certification b) Other party validation; c) Self-validation.	x
14	Include statements of validation where declarations of achievement of carbon neutrality are validated by a third party certifier or second party organizations.	x
15	Date the QES and have it signed by the senior representative of the entity concerned (e.g. CEO of a corporation; Divisional Director, where the subject is a division of a larger entity; the Chairman of a town council or the head of the household for a family group).	x
16	Make QES publicly available and provide a reference to any freely accessible information upon which substantiation depends (e.g. via websites).	x