PFEIFFER VACUUM

Annual Financial Statements as of December 31, 2022 (according to German Commercial Code “HGB”) Pfeiffer Vacuum Technology AG

2022

PFEIFFER VACUUM

Content

PFEIFFER VACUUM

I. Pfeiffer Vacuum Technology AG, Asslar
Balance Sheet as of December 31, 2022

Assets			Dec.31, 2021
	€	€	€
A. Fixed assets			
I. Intangible assets			
1. Purchased franchises, industrial and similar rights and assets, and licenses in such rights and assets	2,783,898.00		1,618,412.00
2. Software (before implementation)	9,419,938.17		10,484,709.61
		12,203,836.17	12,103,121.61
II. Property, plant and equipment			
1. Land, land rights and buildings, including buildings on third-party land	7,902,592.40		8,288,272.40
2. Other equipment, furniture and fixtures	723,799.00		915,475.00
3. Prepayments and assets under construction	4,195,445.69		79,300.00
		12,821,837.09	9,283,047.40
III. Financial assets			
1. Shares in affiliates	224,009,480.03		224,009,480.03
2. Loans to affiliates	37,706,109.71		9,550,000.00
		261,715,589.74	233,559,480.03
		286,741,263.00	254,945,649.04
B. Current assets			
I. Receivables and other assets			
1. Trade accounts receivable	0,00		0,00
2. Receivables from affiliates	102,791,847.78		66,939,807.22
3. Other assets	1,704,783.34		5,618,642.85
		104,496,631.12	72,558,450.07
II. Cash and cash equivalents		58,564.92	18,336,853.64
		104,555,196.04	90,895,303.71
C. Prepaid expenses		861,486.54	1,224,764.87
		392,157,945.58	347,065,717.62

I. Pfeiffer Vacuum Technology AG, Asslar
Balance Sheet as of December 31, 2022

Shareholders' equity and liabilities	€	€	Dec. 31, 2021 €
A. Equity			
I. Share capital (contingent capital € 6,315,299.84)	25,261,207.04		25,261,207.04
II. Additional paid-in capital	99,676,621.19		99,676,621.19
III. Retained earnings thereof profit brought forward €140,199,788.86 (prior year: € 128,245,109.41)	186,912,182.45		180,459,837.58
		311,850,010.68	305,397,665.81
B. Provisions			
1. Provisions for pensions	8,679,310.13		6,240,700.14
2. Tax provisions	4,868,848.78		1,871,015.49
3. Other provisions	2,483,876.13		3,995,278.40
		16,032,035.04	12,106,994.03
C. Liabilities			
1. Liabilities to banks	63,597,023.40		5,000,000.00
2. Trade accounts payable	621,527.85		740,663.91
3. Liabilities to affiliates	0.00		23,194,003.06
4. Other liabilities thereof for taxes € 57,348.61 (prior year: € 59,961.13)	57,348.61		59,961.13
		64,275,899.86	28,994,628.10
D. Deferred Income		0.00	566,429.68
		392,157,945.58	347,065,717.62

II. Pfeiffer Vacuum Technology AG, Asslar
Income statement for fiscal year 2022

				2021
		€	€	€
1.	Sales revenues	7,996,176.69		13,286,266.16
2.	Income from profit and loss transfer agreement	46,695,055.31		51,741,130.67
3.	Income from equity investments thereof from affiliates € 14,250,000.00 (prior year: € 16,268,115.95)	14,250,000.00		16,268,115.95
4.	Other operating income	307,089.21		101,277.19
			69,248,321.21	81,396,789.97
5.	Cost of purchased materials and services		2,908,873.66	8,465,783.88
6.	Personnel expenses			
	a) Wages and salaries	3,179,245.37		2,234,230.21
	b) Social security, pension and other benefit costs thereof for old-age pensions € 1,346,952.04 (prior year: € 154,733.04)	1,998,620.68		778,063.99
			5,177,866.05	3,012,294.20
7.	Amortization and depreciation of intangible assets and property, plant and equipment		1,725,864.83	1,511,410.63
8.	Other operating expenses		6,732,825.79	10,261,562.68
9.	Income from loans of financial assets thereof from affiliates € 544,681.58 (prior year: € 374,055.55)	558,222.58		374,055.55
10.	Other interest and similar income thereof from affiliates € 148,607.56 (prior year: € 151,068.00)	148,607.56		153,888.00
11.	Interest and similar expenses	1,313,425.81		637,133.68
			-606,595.67	-109,190.13
12.	Income taxes	12,633,208.50		12,007,791.41
13.	Taxes passed on to affiliates	7,600,000.00		6,800,000.00
			5,033,208.50	5,207,791.41
14.	Income after income taxes		47,063,086.71	52,828,757.04
15.	Other taxes		350,693.12	614,028.87
16.	Net income		46,712,393.59	52,214,728.17
17.	Profit brought forward from the previous year		140,199,788.86	128,245,109.41
18.	Retained earnings		186,912,182.45	180,459,837.58

III. Notes to the Annual Financial Statements for Fiscal Year 2022

Pfeiffer Vacuum Technology AG, Asslar

Pfeiffer Vacuum Technology AG, domiciled in Asslar, is a stock corporation organized under German law and recorded in the Register of Companies at the Local Court of Wetzlar under Number HRB 44.

The present Annual Financial Statements were prepared in accordance with §§ 242 et seq. and §§ 264 et seq. of the German Commercial Code (“HGB”) and in accordance with the relevant provisions of the German Stock Corporation Act (“AktG”) and the supplementary provisions of the Articles of Association. The rules for large corporations are applicable. The income statement has been prepared using the total expenditure format.

Information that must be disclosed in the balance sheets or the income statement, or alternatively in the notes to the financial statements, is set out in its entirety in the notes to the financial statements.

1. Accounting and valuation methods

The following accounting and valuation methods, which remained essentially unchanged, were used for the preparation of the Annual Financial Statements.

1.1 Fixed assets

Property, plant and equipment and purchased intangible assets are valued at acquisition cost and, if depreciable, taking scheduled depreciation/amortization into account. They are depreciated/amortized on a straight-line basis over their expected useful lives.

Prepayments and software (before implementation) are accounted for at their nominal value or at acquisition or production costs.

Financial assets in the form of equity interests are generally stated at cost of acquisition. Loans are accounted for at their nominal value.

Unscheduled depreciation/amortization is deducted in non-current assets in the event of expected permanent impairment losses and in financial assets additionally in the event of temporary impairment losses. If the reason for impairment no longer applies, appropriate write-ups are made.

1.2 Current assets

Receivables and other assets are stated at their nominal values or at the lower attributable value on the balance sheet date.

Cash and cash equivalents include cash on hand and bank balances. They are stated at their nominal value.

1.3 Prepaid expenses

Prepaid expenses are payments before the balance sheet date deemed as expenses for a certain period of time after the balance sheet date. They are accounted for at their nominal value.

1.4 Deferred tax assets

Deferred tax assets result from temporary and quasi-permanent valuation differences between the accounting and tax valuation of pensions, property, plant and equipment and intangible assets. Deferred tax assets are generally calculated using a company-specific tax rate of 29.0%, but deferred tax assets are not capitalized as the available capitalization option is exercised.

1.5 Equity

Equity components are stated at their nominal value.

1.6 Provisions and liabilities

Provisions take account of all identifiable risks and uncertain obligations and are recognized in each case at the settlement amount that is reasonably necessary in accordance with prudent business judgment (including future cost and price increases).

The recognition of pension obligations is based on an actuarial report. Valuation is based on the projected unit credit method, taking into account expected future salary and pension increases as well as fluctuation rates. Discounting is performed in accordance with the average market interest rate published by the Deutsche Bundesbank in accordance with the German Regulation on the Discounting of Provisions from the last ten financial years for an assumed residual term of 15 years of 1.78% (previous year: 1.87%) and again using the 2018 G mortality tables published by Prof. Dr. Heubeck in 2018. As a result of the statutory netting obligation under commercial law with the plan assets valued at fair value (assets in Pfeiffer Vacuum Trust e.V., which are withdrawn from the recourse of all other creditors and which serve exclusively to meet pension obligations) only the net pension liability is shown in the balance sheet. In the income statement, the income from the plan assets and the expenses from the changed discounting of the pension obligation are shown on a net basis.

Liabilities are stated at their settlement amount.

1.7 Deferred income

Deferred income are all invoices before the balance sheet date deemed as income for a certain period of time after the balance sheet date. They are accounted for at their nominal value.

1.8 Foreign currency translation

Assets and liabilities denominated in foreign currencies were recorded with the average spot rate at the date they incurred and were generally revalued with the period-end average spot rate as of the balance sheet date. For remaining terms of more than one year, the realization principle (§ 252 Sub-Para. 1 No. 4, half-sentence 2, German Commercial Code (“HGB”)) and the acquisition cost principle (§ 253 Sub-Para. 1 sentence 1, German Commercial Code (“HGB”)) were applied.

2. Notes to the balance sheets

2.1 Assets

2.1.1 Fixed assets

The development of individual fixed asset items is shown in Appendix 1 to the Notes to the Annual Financial Statements.

2.1.2 Shares in affiliates

The direct and indirect shares in affiliated companies are shown in Appendix 2 to the Notes to the Annual Financial Statements. There were no changes during the year under review.

2.1.3 Loans to affiliates

The loans recorded in the balance sheet as of December 31, 2022 (K€ 37,706) related to various companies in the Pfeiffer Vacuum Group and have increased compared to the previous year (K€ 9,550) due to new loans of K€ 28,156. The increase results primarily from the group-internal financing of the investment program and the operative business development of the Group companies.

2.1.4 Special asset pension trust

Since the application of the German Accounting Laws Modernization Acts (“BilMoG”), the assets in Pfeiffer Vacuum Trust e.V. are reported netted against the Company's pension obligations, as these assets are to be classified as plan assets. Accordingly, only a net pension liability is reported in the year under review. The valuation of pension assets is based on stock-market prices as of the balance sheet date.

2.1.5 Receivables and other assets

As of the balance sheet date, there were receivables from affiliated companies in the amount of K€ 102,792 (previous year: K€ 66,940). This amount mainly includes receivables from profit and loss transfer agreements from Pfeiffer Vacuum GmbH and receivables from trade tax passed on also to Pfeiffer Vacuum GmbH. Receivables from affiliated companies included trade accounts receivables in the amount of K€ 3,297 (previous year: K€ 7,961).

Other assets mainly include receivables from VAT refunds (K€ 1,522; previous year: K€ 3,640).

As in the previous year, there are no amounts with a remaining term of more than one year.

2.2 Shareholders' equity and liabilities

2.2.1 Share capital

The share capital of Pfeiffer Vacuum Technology AG remains unchanged at K€ 25,261 as of December 31, 2022. The shares are bearer shares and are divided into 9,867,659 no-par value shares. The calculated proportion of the share capital attributable to the individual shares is € 2.56.

2.2.2 Treasury shares

At the Annual Shareholders Meeting on May 20, 2020, the shareholders authorized the Management Board to acquire treasury shares pursuant to § 71, Sub-Para. 1, No. 8, German Stock Corporation Act. This authorization allows the Company to acquire treasury shares representing up to € 2,526,120.70 of the capital stock (986,766 shares equal to 10% of capital stock at the time of the resolution), requires the consent of the Supervisory Board for execution, and is valid through May 19, 2025.

2.2.3 Authorized capital

The Annual Shareholders Meeting on May 23, 2018, authorized the Management Board to increase the Company's share capital by € 12,630,602.24, or 4,933,829 shares, in consideration for contributions in cash and/or kind once or in partial amounts (authorized capital). This authorization is valid through May 23, 2023, and is subject to the consent of the Supervisory Board.

2.2.4 Contingent capital

According to the resolution of the Annual Shareholders Meeting on May 23, 2019, the Management Board is authorized to issue fractional bonds with option or conversion rights or option or conversion obligations, profit participation rights or participating bonds (or combinations of these instruments) with an aggregate nominal value of up to € 200,000,000.00 and to grant the holders conversion rights for up to 2,466,914 no-par bearer shares of the Company having a pro-rata amount of up to € 6,315,299.84 of the share capital. This authorization is valid until May 22, 2024, and requires the consent of the Supervisory Board.

2.2.5 Additional paid-in capital

The paid-in capital of K€ 99,677 as at December 31, 2022 is unchanged compared to the previous year.

2.2.6 Retained earnings

In accordance with the resolution of the Annual General Meeting on May 19, 2022, a total of K€ 40,260 of retained earnings of the previous year amounting to K€ 180,460 was distributed. The remaining amount of K€ 140,200 was carried forward to new account. Taking into account the net income for the year in the amount of K€ 46,712, this resulted in retained earnings of K€ 186,912.

2.2.7 Provisions for pensions

According to the mandatory netting of pension obligations with the corresponding plan assets required by BilMoG from 2010 onwards, net pension obligations of K€ 8,679 (previous year: K€ 6,241) are reported as of December 31, 2022. This item consists of the settlement amount of the pension obligations of K€ 15,565 and the fair market value of plan assets of K€ 6,886 (previous year: K€ 14,007 and K€ 7,766 respectively). The acquisition costs of the plan assets amount to K€ 7,503 (previous year: K€ 7,868). Since 2015, the provisions for pensions have included individual contractual commitments to former members of the Management Board, and additionally pension commitments to employees of the Company.

In the evaluation of pension obligations as of December 31, 2022, a discount rate of 1.78% (previous year: 1.87%, salary dynamics of unchanged 3.00%, a pension trend of 2.20% (previous year: 2.00%) and a fluctuation rate of unchanged 3.00% were taken into account. Plan assets were measured on the basis of stock exchange or market prices determined at the end of the year.

The difference between the recognition of provisions in accordance with the corresponding average market interest rate from the past ten fiscal years and the recognition of provisions in accordance with the corresponding average market interest rate from the past seven fiscal years was determined in accordance with § 253 Sub-Para. 6 sentence 1, German Commercial Code (“HGB”) and amounts to K€ 840 (previous year: K€ 1,164) as at the balance sheet date.

2.2.8 Other provisions

Other provisions comprise K€ 1,163 for personnel expenses (previous year: K€ 2,736), K€ 951 for pending incoming invoices (previous year: K€ 874) and K€ 369 for year-end financial statement costs (previous year: K€ 385).

2.2.9 Liabilities

The remaining terms of the liabilities and the collateral are shown in Appendix 3 to the Notes to the Annual Financial Statements.

The liabilities to banks reported as of December 31, 2022 in the amount of K€ 63,597 (previous year: K€ 5,000) resulted from borrowings in connection with the financing of the growth strategy and the operative business of the group, which is addressed by the Company in its holding function.

Liabilities to affiliated companies in the previous year were due to Pfeiffer Vacuum SAS, Annecy, France, and resulted from a cash pooling agreement concluded in the year 2017. Open amounts are subject to interests at market rates.

2.3 Additional Notes and Supplemental Information to the Balance Sheet

2.3.1 Commitments according to §§ 251, 268 Sub-Para. 7 German Commercial Code (“HGB”)

Pfeiffer Vacuum Technology AG is liable for guarantee loans of various subsidiaries in the amount of K€ 1,458 (previous year: K€ 1,307). Due to the good asset, financial and earnings situation of the subsidiaries, the risk of utilization of guarantee loans is considered to be low.

2.3.2 Commitments and other financial obligations

The commitments/other financial obligations as of the balance sheet date amounted to K€ 354 (previous year: K€ 9,300). The decrease mainly resulted from IT service arrangements that were transferred to other Group companies.

3. Notes to the Statements of Income

The presentation of the income statement remained unchanged according to the total cost method. The structure of the income statement has been adapted to the special features of the Company in order to improve clarity.

3.1 Sales revenues

Sales revenues mainly included rental income (K€ 2,169; previous year: K€ 2,161) and costs passed on to subsidiaries (K€ 5,773; previous year: K€ 11,701).

Sales revenues in the amount of K€ 2,586 (previous year: K€ 5,681) were attributable to costs passed on to subsidiaries not domiciled in Germany. All other sales revenues were generated in Germany.

3.2 Income from profit and loss transfer agreement

Income from the profit and loss transfer agreement related exclusively to Pfeiffer Vacuum GmbH, Asslar.

3.3 Other operating income

In the current financial year, other operating income mainly comprised income relating to other periods from the dissolution of provisions (K€ 245; previous year: K€ 66). An amount of K€ 62 (previous year: K€ 19) of other operating income is attributable to foreign exchange translation gains.

3.4 Cost of purchased materials and services

The cost of purchased materials and services included third-party service costs (K€ 593; previous year: K€ 412) and insurance premiums (K€ 208; previous year: K€ 182). The cost of purchased materials and services additionally include passed on IT expenses from affiliates totaling K€ 63 (previous year: K€ 5,588).

3.5 Other operating expenses

Other operating expenses essentially comprised legal and consulting expenses (K€ 646; previous year: K€ 1,291), expenses for services by third parties (K€ 2,018; previous year: K€ 4,815), remuneration for the Supervisory Board (K€ 445; previous year: K€ 455), travel expenses (K€ 182; previous year: K€ 63), contributions (K€ 43; previous year: K€ 63) and maintenance costs by third parties (K€ 52; previous year: K€ 1).

3.6 Other interest and similar income

The amount for the year 2022 included interests and other income of K€ 149, thereof K€ 149 from affiliates (previous year: K€ 153, thereof K€ 151 from affiliates).

3.7 Interest and similar expenses

In accordance with the legal requirements, expenses from discounting were offset against income from plan assets in the income statement. Having recorded expenses from discounting in the amount of K€ 254 (previous year: K€ 306) and net losses from plan assets of K€ 517 (previous year: income of K€ 230), a total amount of K€ 771 is included in the net interest expenses (previous year: K€ 76).

In addition, the interest expenses for bank loans (K€ 504, previous year: K€ 432) and other interest expenses (K€ 39, previous year: K€ 129) were recorded here.

3.8 Income taxes

Composition of Income Taxes (in K€)		
	2022	2021
Trade taxes	6,453	5,528
Corporate taxes	5,825	6,142
Solidarity surcharge	355	338
Total	**12,633**	**12,008**

A total of K€ 7,600 of this was passed on to Pfeiffer Vacuum GmbH (previous year: K€ 6,800). Tax expenses did not include any income or expenses relating to other periods as a result of tax repayments or refunds for previous years (previous year: income relating to other periods of K€ 26).

4. Additional Notes and Supplemental Information

4.1 Management Board

In the 2022 fiscal year, the Management Board was unchanged and consisted of:

- Dr. Britta Giesen, Diploma in Industrial Engineering, Master of Engineering (Chairwoman of the Management Board, from January 1, 2021), and
- Wolfgang Ehrk, Diploma in Industrial Engineering (Chief Operations Officer).

Total remuneration recorded in the income statement for the aforesaid members of the Management Board for fiscal 2022 totaled K€ 1,501 (previous year: K€ 1,291). The total remuneration paid to members of the Executive Board in 2022 (including payments to Executive Board members who have since left) amounted to K€ 3,658 (previous year: K€ 1,830). Of this amount, K€ 2,500 related to severance payments to former members of the Management Board. With K€ 2,000 the payment of this amount was recorded using a provision that had been recorded in previous years and with K€ 500 the payment affected the 2022 results.

Open balances with the Board Members as of December 31, 2022, related to the provisions for the variable remuneration and totaled K€ 945 (previous year: K€ 700). In 2022, pension expenses totaled K€ 50 (previous year: K€ 50) and included defined contribution plans. As of December 31, 2022 and unchanged compared to the previous year, there were no pension benefits granted to active Board Members to be recorded under pension provisions.

Benefits to former members of the Management Board (pensions) amounted to K€ 468 (previous year: K€ 403). As of December 31, 2022, the benefit obligation recorded for this group totaled K€ 15,352 (previous year: K€ 13,825; in both cases before offsetting with plan assets). The net pension expenses for the year 2022 totaled K€ 2,032 (previous year: K€ 172).

The members of the Management Board are members of supervisory organs of various group subsidiaries. Dr. Giesen is also a member of the Supervisory Board of Rheinmetall AG, Düsseldorf, Germany.

4.2 Supervisory Board

Pursuant to § 96, Sub-Para. 1, § 101, Sub-Para. 1, German Stock Corporation Act (“AktG”), § 4, German One-Third Participation Act (“DrittelbG”) of 2004, and § 9, Sub-Para. 1, Articles of Association and Bylaws, the Supervisory Board comprises four members elected by the Annual General Meeting and two members elected by the Company’s employees.

Membership during the course of the year 2022 was as follows:

- Ayla Busch (Chairwoman),
  Co-CEO of Busch SE, Maulburg
- Götz Timmerbeil (Vice Chairman),
  Certified Public Accountant and Tax Advisor
- Timo Birkenstock (Employee Representative),
  Development Engineer,
- Minja Lohrer,
  Director, BLR Capital AG, Zurich, Switzerland
- Henrik Newerla,
  self-employed management consultant
- Stefan Röser (Employee Representative),
  Chairman of the Employee Council

The members of the Supervisory Board received a fixed remuneration of K€ 445 (previous year: K€ 454) in the period under review.

The following members exercised further mandates. These are supervisory board mandates unless otherwise indicated:

- Götz Timmerbeil:
  - Richard Stein GmbH & Co. KG, Engelskirchen, (Chairman of the Advisory Board),

The remaining members of the Supervisory Board belong solely to the Supervisory Board of Pfeiffer Vacuum Technology AG, Asslar.

4.3 Employees

In fiscal 2022, the Company employed an average of eight employees (previous year: seven employees), thereof three female and five male employees (previous year: three females and four male employees).

4.4 Profit appropriation proposal

The Management Boards proposes that a dividend of K€ 1,085 be distributed from the retained earnings of K€ 186,912 and that the remaining amount be carried forward to new account. This would correspond to a distribution of € 0.11 per no-par share.

4.5 Consolidated Financial Statements

Pfeiffer Vacuum Technology AG prepares Consolidated Financial Statements for the smallest group of companies in accordance with International Financial Reporting Standards (IFRS) as adopted by the European Union. The subsidiaries of Pfeiffer Vacuum Technology AG as presented in Appendix 2 to the Notes are included in these financial statements. The Consolidated Financial Statements are published in the electronic Federal Gazette (“Bundesanzeiger”).

Busch Holding GmbH & Co. KG, Maulburg, Germany, prepares Consolidated Financial Statements for the largest group of companies. The Consolidated Financial Statements of Pfeiffer Vacuum Technology AG are included in these Financial Statements. The

Consolidated Financial Statements are published in the electronic Federal Gazette (“Bundesanzeiger”).

4.6 Profit and loss transfer agreement between Pfeiffer Vacuum Technology AG and Pfeiffer Vacuum GmbH

In August 2002, Pfeiffer Vacuum Technology AG concluded a profit and loss transfer agreement with Pfeiffer Vacuum GmbH (as subsidiary company). Pfeiffer Vacuum Technology AG recorded a profit transfer from Pfeiffer Vacuum GmbH of K€ 46,695 in the income statement for 2022 under income from profit and loss transfer agreements (previous year: K€ 51,741).

4.7 Information on shareholdings

The relevant information on shareholdings is given in Appendix 4 of the Notes to the Annual Financial Statements.

4.8 Declaration pursuant to § 161 German Stock Corporation Act (“AktG”), German Corporate Governance Code

On November 4, 2022, the Management and Supervisory Boards of Pfeiffer Vacuum Technology AG submitted the declaration of compliance for the year 2022 pursuant to § 161 of the German Stock Corporation Act (“AktG”). The declaration of compliance has been made permanently accessible to shareholders on the Corporation’s website.

4.9 Audit fees for independent auditor

The audit fees billed by the auditor for the fiscal year pursuant to § 285 No. 17 of the German Commercial Code (“HGB”) are detailed in the Notes to the Consolidated Financial Statements of Pfeiffer Vacuum Technology AG.

Significant other services rendered by the auditor for Pfeiffer Vacuum Technology AG related to other certification services in connection with the audit of the Group’s non-financial declaration.

5. Subsequent Events

Significant changes to the company situation or branch environment have not occurred since the beginning of the 2023 fiscal year.

Asslar, Germany, March 6, 2023

Pfeiffer Vacuum Technology AG

Management Board

Dr. Britta Giesen Wolfgang Ehrk

Fixed assets

	Acquisition costs EURO					Accumulated amortization and depreciation EURO					Net book values EURO	
	Balance as at Jan. 1, 2022	Additions	Reclassifications	Disposals	Balance as at Dec. 31, 2022	Balance as at Jan. 1, 2022	Additions	Reclassifications	Disposals	Balance as at Dec. 31, 2022	Net book value Dec. 31, 2022	Net book value Dec. 31, 2021
Intangible assets												
1. Purchased franchises, industrial and similar rights and assets, and licenses in such rights and assets	4,177,258.00	428,326.97	1,321,544.54	-101,022.64	5,826,106.87	2,558,846.00	584,357.51	0	-100,994.64	3,042,208.87	2,783,898.00	1,618,412.00
2. Software (before implementation)	10,484,709.61	256,773.10	-1,321,544.54	0	9,419,938.17	0	0	0	0	0	9,419,938.17	10,484,709.61
Intangible assets	14,661,967.61	685,100.07	0	-101,022.64	15,246,045.04	2,558,846.00	584,357.51	0	-100,994.64	3,042,208.87	12,203,836.17	12,103,121.61
Property, plant and equipment												
1. Land, land rights and buildings, including buildings on third-party land	35,373,724.81	259,016.00	238,439.45	0	35,871,180.26	27,085,452.41	883,135.45	0	0	27,968,587.86	7,902,592.40	8,288,272.40
2. Other equipment, furniture and fixtures	2,869,941.43	67,454.37	0	-94,297.20	2,843,098.60	1,954,466.43	258,371.87	0	-93,538.70	2,119,299.60	723,799.00	915,475.00
3. Prepayments and assets under construction	79,300.00	4,354,585.14	-238,439.45	0	4,195,445.69	0	0	0	0	0	4,195,445.69	79,300.00
Property, plant and equipment	38,322,966.24	4,681,055.51	0	-94,297.20	42,909,724.55	29,039,918.84	1,141,507.32	0	-93,538.70	30,087,887.46	12,821,837.09	9,283,047.40
Financial assets												
1. Shares in affiliates	224,909,480.03	0	0	0	224,909,480.03	900,000.00	0	0	0	900,000.00	224,009,480.03	224,009,480.03
2. Loans to affiliates	9,550,000.00	30,156,109.71	0	-2,000,000.00	37,706,109.71	0	0	0	0	0	37,706,109.71	9,550,000.00
Financial assets	234,459,480.03	30,156,109.71	0	-2,000,000.00	262,615,589.74	900,000.00	0	0	0	900,000,00	261,715,589.74	233,559,480.03
Total fixed assets	287,444,413.88	35,522,265.29	0	-2,195,319.84	320,771,359.33	32,498,764.84	1,725,864.83	0	-194,533.34	34,030,096.33	286,741,263.00	254,945,649.04

Shareholdings

Directly held shares	Share capital		Total equity		Net income 2022		Share in %
Pfeiffer Vacuum SAS, France	K€	9,424	K€	124,479	K€	26,954	100.0
Pfeiffer Vacuum Semi Korea Ltd., Republic of Korea	KKRW	29,273,100	KKRW	56,892,903	KKRW	1,633,838	100.0
Dreebit GmbH, Germany	K€	26	K€	3,492	K€	994	100.0
Pfeiffer Vacuum GmbH, Germany	K€	7,700	K€	190,865 *	K€	54,278 *	100.0
Pfeiffer Vacuum Holding B.V., Netherlands	K€	454	K€	4,899	K€	1,179	100.0
Pfeiffer Vacuum Components & Solutions GmbH, Germany	K€	451	K€	21,138	K€	4,631	100.0

Values based on International Financial Reporting Standards (IFRS)
* Before profit and loss transfer

Shareholdings

Indirectly held shares	Share capital		Total equity		Net income 2022		Share in %
Pfeiffer Vacuum (Wuxi) Co., Ltd., China	KCNY	22,463	KCNY	22,463	KCNY	0	100.0
Pfeiffer Vacuum Romania S.r.l., Romania	KRON	15,750	KRON	33,464	KRON	3,339	100.0
Pfeiffer Vacuum Singapore Pte. Ltd., Singapore	KSGD	4,700	KSGD	19,066	KSGD	1,891	100.0
Pfeiffer Vacuum Taiwan Corporation Ltd., Taiwan	KNTD	77,000	KNTD	243,831	KNTD	134,956	100.0
Pfeiffer Vacuum Austria GmbH, Austria	K€	146	K€	2,166	K€	1,669	100.0
Pfeiffer Vacuum Shared Services GmbH, Deutschland	K€	50	K€	7,696	K€	-6,760	100,0
Goldfish IT GmbH, Deutschland	K€	25	K€	-60	K€	-110	100,0
Pfeiffer Vacuum Benelux B.V., Netherlands	K€	18	K€	5,861	K€	1,025	100.0
Pfeiffer Vacuum Inc., USA	KUSD	23,550	KUSD	145,019	KUSD	4,651	100.0
Pfeiffer Vacuum (India) Private Ltd., India	KINR	10,056	KINR	340,127	KINR	149,636	100.0
Pfeiffer Vacuum Italia S.p.A., Italy	K€	384	K€	4,957	K€	670	100.0
Pfeiffer Vacuum Ltd., Great Britain	KGBP	350	KGBP	5,665	KGBP	1,374	100.0
Nor-Cal Products Holdings, Inc., USA	KUSD	36,706	KUSD	-7,188	KUSD	-1,150	100.0
Nor-Cal Products Inc., USA	KUSD	63	KUSD	76,474	KUSD	5,789	100.0
Nor-Cal Products Viet Nam Co., Ltd., Vietnam	KVND	16,613,114	KVND	134,552,369	KVND	37,305,733	100.0
Nor-Cal Products Asia Pacific Pte. Ltd., Singapore	KUSD	20	KUSD	3,342	KUSD	1,998	100.0
Nor-Cal Products Korea Co. Ltd., Republic of Korea	KKRW	0	KKRW	4,403,972	KKRW	529,827	100.0
Pfeiffer Vacuum New Hampshire Realty Holdings, LLC, USA	KUSD	3,538	KUSD	11,108	KUSD	-12	100.0
Pfeiffer Vacuum Indiana Realty Holdings, LLC, USA	KUSD	5,106	KUSD	5,206	KUSD	-11	100.0
Pfeiffer Vacuum California Realty Holdings, LLC, USA	KUSD	4,018	KUSD	4,783	KUSD	11	100.0
Pfeiffer Vacuum Malaysia SDN. BHD., Malaysia	KMYR	8,173	KMYR	202	KMYR	-898	100.0
Pfeiffer Vacuum (Xi'an) Co. Ltd., China	KCNY	25,900	KCNY	23,845	KCNY	-771	100.0
Pfeiffer Vacuum Scandinavia AB, Sweden	KSEK	100	KSEK	38,877	KSEK	2,100	100.0
Pfeiffer Vacuum (Schweiz) AG, Switzerland	KCHF	500	KCHF	2,245	KCHF	1,035	100.0
Pfeiffer Vacuum (Shanghai) Co. Ltd., China	KCNY	35,389	KCNY	104,298	KCNY	18,506	100.0

Schedule of liabilities in K€

Type of liability		Total	Thereof with a remaining term of			Secured amounts	Type of collateral
		Dec. 31, 2022	up to 1 year	1 to 5 years	over 5 years		
To banks		63,597	63,597	-	-	-	-
	(prior year)	(5.000)	-	(5.000)	-	-	
From trade payables		621	621	-	-	-	-
	(prior year)	(741)	(741)	-	-	-	-
Liabilities to affiliates		0	0	-	-	-	-
	(prior year)	(23.194)	(23.194)	-	-	-	-
Other liabilities		57	57	-	-	-	-
	(prior year)	(60)	(60)	-	-	-	-
- thereof for taxes		57	57	-	-	-	-
	(prior year)	(60)	(60)	-	-	-	-

Publication according to § 26 (1) of German Securities Trading Act ("WpHG")

No.	Corporation	Holding (%)	Date	Published by	Content of publication
1	Allianz Global Investors GmbH, Frankfurt, Germany	2,94	Nov. 5, 2018	DGAP	see below

1. Details of issuer

Name:	Pfeiffer Vacuum Technology AG
Street:	Berliner Str. 43
Postal code:	35614
City:	Asslar Germany
Legal Entity Identifier (LEI):	8945004AW6QK8JHNQP69

2. Reason for notification

X	Acquisition/disposal of shares with voting rights
	Acquisition/disposal of instruments
	Change of breakdown of voting rights
	Other reason:

3. Details of person subject to the notification obligation

Legal entity: Allianz Global Investors GmbH
City of registered office, country: Frankfurt am Main, Germany

4. Names of shareholder(s)
holding directly 3% or more voting rights, if different from 3.

5. Date on which threshold was crossed or reached:

01 Nov 2018

6. Total positions

	% of voting rights attached to shares (total of 7.a.)	% of voting rights through instruments (total of 7.b.1 + 7.b.2)	Total of both in % (7.a. + 7.b.)	Total number of voting rights pursuant to Sec. 41 WpHG
New	2.94 %	0.00 %	2.94 %	9567659
Previous notification	4.97 %	0.00 %	4.97 %	/

Publication according to § 26 (1) of German Securities Trading Act ("WpHG")

No.	Corporation	Holding (%)	Date	Published by	Content of publication
					(see below)

7. Details on total positions
a. Voting rights attached to shares (Sec. 33, 34 WpHG)

ISIN	Absolute		In %	
	Direct (Sec. 33 WpHG)	Indirect (Sec. 34 WpHG)	Direct (Sec. 33 WpHG)	Indirect (Sec. 34 WpHG)
DE0006916604		290319	%	2.94 %
Total	290319		2.94 %	

b.1. Instruments according to Sec. 38 (1) no. 1 WpHG

Type of instrument	Expiration or maturity date	Exercise or conversion period	Voting rights absolute	Voting rights in %
				%
		Total		%

b.2. Instruments according to Sec. 38 (1) no. 2 WpHG

Type of instrument	Expiration or maturity date	Exercise or conversion period	Cash or physical settlement	Voting rights absolute	Voting rights in %
					%
			Total		%

8. Information in relation to the person subject to the notification obligation

	Person subject to the notification obligation is not controlled nor does it control any other undertaking(s) that directly or indirectly hold(s) an interest in the (underlying) issuer (1.).
X	Full chain of controlled undertakings starting with the ultimate controlling natural person or legal entity:

Name	% of voting rights (if at least 3% or more)	% of voting rights through instruments (if at least 5% or more)	Total of both (if at least 5% or more)
Allianz SE	%	%	%
Allianz Asset Management AG	%	%	%
Allianz Global Investors GmbH	%	%	%

9. In case of proxy voting according to Sec. 34 para. 3 WpHG
(only in case of attribution of voting rights in accordance with Sec. 34 para. 1 sent. 1 No. 6 WpHG)

Date of general meeting:
Holding total positions after general meeting (6.) after annual general meeting:

Proportion of voting rights	Proportion of instruments	Total of both
%	%	%

10. Other explanatory remarks:

Publication according to § 26 (1) of German Securities Trading Act ("WpHG")

No.	Corporation	Holding (%)	Date	Published by	Content of publication
2	Allianz Global Investors Kapitalanlagegesellschaft mbH, Frankfurt, Germany	2.99	Jan.17, 2012	EANS	Allianz Global Investors Kapitalanlagegesellschaft mbH, Frankfurt am Main, Germany, notified Pfeiffer Vacuum pursuant to § 21 (1) of the German Securities Trading Act that its percentage of voting rights in our corporation fell below the threshold of 3% on January 12, 2012 and stood at 2.99% (equivalent to 295,977 votes) as of that date. 1.14 percentage points of these voting rights (equivalent to 112,554 votes) are attributable to Allianz Global Investors Kapitalanlagegesellschaft mbH, Frankfurt am Main, Germany, pursuant to § 22 (1) sentence 1, no. 6, German Securities Trading Act.
3	Ameriprise Financial Inc., Minneapolis, USA	2.53	April 9, 2015	DGAP	Ameriprise Financial Inc., Minneapolis, USA, notified Pfeiffer Vacuum Technology AG pursuant to § 21 (1) of the German Securities Trading Act that its percentage of voting rights in our corporation fell below the threshold of 3% on March 30, 2015 and stood at 2.53% (equivalent to 249,588 votes) as of that date. These 2.53 percentage points are attributable to Ameriprise Financial Inc., Minneapolis, USA, pursuant to § 22 (1), sentence 1, no. 6, in conjunction with sentence 2, German Securities Trading Act.
4	BNP Paribas Investment Partners S.A., Paris, France	2.28	Nov. 24, 2014	DGAP	BNP Paribas Investment Partners S.A., Paris, France, notified Pfeiffer Vacuum Technology AG pursuant to § 21 (1) of the German Securities Trading Act that its percentage of voting rights in our corporation fell below the threshold of 3% on November 21, 2014 and stood at 2.28% percent (equivalent to 225,116 votes) as of that date. These 2.28 percentage points (equivalent to 225,116 votes) are attributable to BNP Paribas Investment Partners S.A. pursuant to. § 22 (1), sentence 1, no. 1, German Securities Trading Act, of which 1.84 percentage points (equivalent to 181,564 votes) are attributable to BNP Paribas Investment Partners S.A. pursuant to § 22 (1), sentence 1, no. 6, in conjunction with sentence 2, German Securities Trading Act.
5	BNP Paribas Investment Partners UK Ltd, London, Great Britain	2.97	Nov. 21, 2014	DGAP	Correction of a notification dated October 30, 2014 BNP Paribas Investment Partners UK Limited, London, GB, notified Pfeiffer Vacuum Technology AG pursuant to § 21 (1) of the German Securities Trading Act that its percentage of voting rights in our corporation fell below the threshold of 3% on October 30, 2014 and stood at 2.97% (equivalent to 292,977 votes) as of that date. These 2.97 percentage points (equivalent to 292,977 votes) are attributable to BNP Paribas Investment Partners UK Limited, London, GB, pursuant to § 22 (1), sentence 1, no. 6, German Securities Trading Act.

Publication according to § 26 (1) of German Securities Trading Act (“WpHG”)

No.	Corporation	Holding (%)	Date	Published by	Content of publication
6	BNP Paribas Asset Management SAS, Paris, France	2.99	Nov. 21, 2014	DGAP	Correction of a notification dated November 5, 2014 BNP Paribas Asset Management SAS, Paris, France, notified Pfeiffer Vacuum Technology AG pursuant to § 21 (1) of the German Securities Trading Act that its percentage of voting rights in our corporation fell below the threshold of 3% on November 5, 2014 and stood at 2.99% (equivalent to 295,081 votes) as of that date. 1.14 percentage points of these voting rights (equivalent to 112,712 votes) are attributable to BNP Paribas Asset Management SAS, Paris, France, pursuant to § 22 (1), sentence 1, no. 6, German Securities Trading Act.

Publication according to § 26 (1) of German Securities Trading Act (“WpHG”)

<table>
<tr><th>No.</th><th>Corporation</th><th>Holding (%)</th><th>Date</th><th>Published by</th><th>Content of publication</th></tr>
<tr>
<td>7</td>
<td>Dr.-Ing. Karl Busch, Ayan Busch, Ayla Busch, Sami Busch, Kaya Busch

and
Busch GbR, Busch SE and Pangea GmbH,
all in Maulburg, Germany</td>
<td>50,02</td>
<td>Nov 05, 2018</td>
<td>DGAP</td>
<td>
1. Details of issuer
<table>
<tr><td>Name:</td><td>Pfeiffer Vacuum Technology AG</td></tr>
<tr><td>Street:</td><td>Berliner Str. 43</td></tr>
<tr><td>Postal code:</td><td>35614</td></tr>
<tr><td>City:</td><td>Asslar
Germany</td></tr>
<tr><td>Legal Entity Identifier (LEI):</td><td>8945004AW6QK8JHNQP69</td></tr>
</table>
2. Reason for notification
<table>
<tr><td>X</td><td>Acquisition/disposal of shares with voting rights</td></tr>
<tr><td></td><td>Acquisition/disposal of instruments</td></tr>
<tr><td></td><td>Change of breakdown of voting rights</td></tr>
<tr><td></td><td>Other reason:</td></tr>
</table>
3. Details of person subject to the notification obligation
<table>
<tr><td>Natural person (first name, surname): Dr.-Ing. Karl Busch
Date of birth: 20 Apr 1929</td></tr>
<tr><td>Natural person (first name, surname): Ayhan Busch
Date of birth: 08 Jun 1934</td></tr>
<tr><td>Natural person (first name, surname): Ayla Busch
Date of birth: 07 Oct 1969</td></tr>
<tr><td>Natural person (first name, surname): Sami Busch
Date of birth: 13 Jun 1973</td></tr>
<tr><td>Natural person (first name, surname): Kaya Busch
Date of birth: 17 Dec 1974</td></tr>
</table>
4. Names of shareholder(s)
holding directly 3% or more voting rights, if different from 3.
<table>
<tr><td>Pangea GmbH</td></tr>
</table>
5. Date on which threshold was crossed or reached:
<table>
<tr><td>02 Nov 2018</td></tr>
</table>
6. Total positions
<table>
<tr><td></td><td>% of voting rights attached to shares (total of 7.a.)</td><td>% of voting rights through instruments (total of 7.b.1 + 7.b.2)</td><td>Total of both in % (7.a. + 7.b.)</td><td>Total number of voting rights pursuant to Sec. 41 WpHG</td></tr>
<tr><td>New</td><td>50.02 %</td><td>0 %</td><td>50.02 %</td><td>9867659</td></tr>
<tr><td>Previous notification</td><td>30.53 %</td><td>0.17 %</td><td>30.70 %</td><td>/</td></tr>
</table>
</td>
</tr>
</table>

Publication according to § 26 (1) of German Securities Trading Act ("WpHG")

No.	Corporation	Holding (%)	Date	Published by	Content of publication
					(see below)

7. Details on total positions

a. Voting rights attached to shares (Sec. 33, 34 WpHG)

ISIN	Absolute		In %	
	Direct (Sec. 33 WpHG)	Indirect (Sec. 34 WpHG)	Direct (Sec. 33 WpHG)	Indirect (Sec. 34 WpHG)
DE0006916604	0	4935402	0 %	50.02 %
Total	4935402		50.02 %	

b.1. Instruments according to Sec. 38 (1) no. 1 WpHG

Type of instrument	Expiration or maturity date	Exercise or conversion period	Voting rights absolute	Voting rights in %
				%
		Total		%

b.2. Instruments according to Sec. 38 (1) no. 2 WpHG

Type of instrument	Expiration or maturity date	Exercise or conversion period	Cash or physical settlement	Voting rights absolute	Voting rights in %
					%
			Total		%

8. Information in relation to the person subject to the notification obligation

	Person subject to the notification obligation is not controlled nor does it control any other undertaking(s) that directly or indirectly hold(s) an interest in the (underlying) issuer (1.).
X	Full chain of controlled undertakings starting with the ultimate controlling natural person or legal entity:

Name	% of voting rights (if at least 3% or more)	% of voting rights through instruments (if at least 5% or more)	Total of both (if at least 5% or more)
Dr.-Ing. Busch, Karl, Busch, Ayhan, Busch, Ayla, Busch, Sami, Busch, Kaya	%	%	%
Busch GbR	%	%	%
Busch SE	%	%	%
Pangea GmbH	50.02 %	%	50.02 %

Publication according to § 26 (1) of German Securities Trading Act (“WpHG”)

No.	Corporation	Holding (%)	Date	Published by	Content of publication
8	Capital Research and Management Company, Los Angeles, USA	2.68	Dec. 2, 2014	DGAP	Capital Research and Management Company, Los Angeles, USA, notified Pfeiffer Vacuum Technology AG pursuant to § 21 (1) of the German Securities Trading Act, in conjunction with § 22 (1), sentence 1, no. 6, German Securities Trading Act, that its percentage of voting rights in our corporation fell below the threshold of 3% on November 24, 2014 and stood at 2.68% (equivalent to 264,558) as of that date. 2.68 percentage points of these voting rights (equivalent to 264,558 votes) are attributable to Capital Research and Management Company, Los Angeles, USA, pursuant to § 22 (1), sentence 1, no. 6, German Securities Trading Act.
9	Credit Suisse Group AG, Zurich, Switzerland	2.98	May 29, 2015	DGAP	Credit Suisse Group AG, Zurich, Switzerland, notified Pfeiffer Vacuum Technology AG pursuant to § 21 (1) of the German Securities Trading Act that its percentage of voting rights in our corporation fell below the threshold of 3% on May 25, 2015 and stood at 2.98% (equivalent to 294,178 votes) as of that date. 2.98 percentage points of these voting rights (equivalent to 294,178 votes) are attributable to the Credit Suisse Group AG pursuant to § 22 (1), sentence 1, no. 1, German Securities Trading Act.
10	Credit Suisse AG, Zurich, Switzerland	2.98	May 29, 2015	DGAP	Credit Suisse AG, Zurich, Switzerland, notified Pfeiffer Vacuum Technology AG pursuant to § 21 (1) of the German Securities Trading Act that the percentage of its voting rights in our corporation fell below the threshold of 3% on May 25, 2015 and stood at 2.98% (equivalent to 294,178 votes) as of that date. 2.32 percentage points of these voting rights (equivalent to 228,688 votes) are attributable to Credit Suisse AG pursuant to § 22 (1), sentence 1, no. 1, German Securities Trading Act.
11	Henderson Global Investors (Holdings) Limited, London, Great Britain	1.97	June 10, 2015	DGAP	Henderson Global Investors (Holdings) Limited, London, Great Britain, notified Pfeiffer Vacuum Technology AG pursuant to § 21 (1) of the German Securities Trading Act that the percentage of its voting rights in our corporation fell below the threshold of 3% on June 5, 2015 and stood at 1.97% (equivalent to 194,745 votes) as of that date. These 1.97 percentage points (equivalent to 194,745 votes) are attributable to Henderson Global Investors (Holdings) Limited, London, Great Britain, pursuant to § 22 (1), sentence 1, no. 6, German Securities Trading Act, in conjunction with sentence 2, German Securities Trading Act.

Publication according to § 26 (1) of German Securities Trading Act ("WpHG")

No.	Corporation	Holding (%)	Date	Published by	Content of publication
12	Henderson Global Investors Limited, London, Great Britain	1.97	June 10, 2015	DGAP	Henderson Global Investors Limited, London, Great Britain, notified Pfeiffer Vacuum Technology AG pursuant to § 21 (1) of the German Securities Trading Act that the percentage of its voting rights in our corporation June 5, 2015 fell below the threshold of 3% on and stood at 1.97% (equivalent to 194,745 votes). These 1.97 percentage points (equivalent to 194,745 votes) are attributable to Henderson Global Investors Limited, London, Great Britain, pursuant to § 22 (1), sentence 1, no. 6, German Securities Trading Act.
13	Henderson Group plc, London, Great Britain	1.97	June 10, 2015	DGAP	Henderson Group plc, London, Great Britain, notified Pfeiffer Vacuum Technology AG pursuant to § 21 (1) of the German Securities Trading Act that the percentage of its voting rights in our corporation fell below the threshold of 3% on June 5, 2015 and stood at 1.97% (equivalent to 194,745 votes) as of that date. These 1.97 percentage points (equivalent to 194,745 votes) are attributable to Henderson Group plc, London, Great Britain, pursuant to § 22 (1), sentence 1, no. 6, German Securities Trading Act, in conjunction with sentence 2, German Securities Trading Act.
14	Massachusetts Financial Services Company (MFS), Boston, USA	2.81	Sept. 24, 2015	DGAP	Massachusetts Financial Services Company (MFS), Boston, USA, notified Pfeiffer Vacuum Technology AG pursuant to § 21 (1) of the German Securities Trading Act that the percentage of its voting rights in our corporation fell below the threshold of 3% on September 18, 2015 and stood at 2.81% (equivalent to 276,892 votes) as of that date. 1.83 percentage points of these voting rights (equivalent to 180,993 votes) are attributable to Massachusetts Financial Services Company (MFS) pursuant to § 22 (1), sentence 1, no. 6. Additional 0.97 percentage points (equivalent to 95,899 votes) are attributable to Massachusetts Financial Services Company (MFS) pursuant to § 22 (1), sentence 1, no. 6, German Securities Trading Act, in conjunction with sentence 2.

Publication according to § 26 (1) of German Securities Trading Act (“WpHG”)

<table>
<tr><th>No.</th><th>Corporation</th><th>Holding (%)</th><th>Date</th><th>Published by</th><th>Content of publication</th></tr>
<tr><td>15</td><td>Ministry of Finance on behalf of the State of Norway, Oslo, Norway</td><td>2.94</td><td>July, 27 2018</td><td>DGAP</td><td>
1. Details of issuer
Pfeiffer Vacuum Technology AG
Berliner Str. 43
35614 Asslar
Germany

2. Reason for notification
<table>
<tr><td>X</td><td>Acquisition/disposal of shares with voting rights</td></tr>
<tr><td></td><td>Acquisition/disposal of instruments</td></tr>
<tr><td></td><td>Change of breakdown of voting rights</td></tr>
<tr><td></td><td>Other reason:</td></tr>
</table>
3. Details of person subject to the notification obligation
<table>
<tr><td>Name:</td><td>City and country of registered office:</td></tr>
<tr><td>Ministry of Finance on behalf of the State of Norway</td><td>Oslo, Norway
Norway</td></tr>
</table>
4. Names of shareholder(s)
holding directly 3% or more voting rights, if different from 3.

5. Date on which threshold was crossed or reached:
24 Jul 2018

6. Total positions
<table>
<tr><td></td><td>% of voting rights attached to shares (total of 7.a.)</td><td>% of voting rights through instruments (total of 7.b.1 + 7.b.2)</td><td>total of both in % (7.a. + 7.b.)</td><td>total number of voting rights of issuer</td></tr>
<tr><td>Resulting situation</td><td>2.94 %</td><td>0.19 %</td><td>3.13 %</td><td>9867659</td></tr>
<tr><td>Previous notification</td><td>3.04 %</td><td>0.16 %</td><td>3.20 %</td><td>/</td></tr>
</table>
</td></tr>
</table>

Publication according to § 26 (1) of German Securities Trading Act (“WpHG”)

No.	Corporation	Holding (%)	Date	Published by	Content of publication
					(see below)

7. Notified details of the resulting situation

a. Voting rights attached to shares (Sec.s 33, 34 WpHG)

ISIN	absolute		in %	
	direct (Sec. 33 WpHG)	indirect (Sec. 34 WpHG)	direct (Sec. 33 WpHG)	indirect (Sec. 34 WpHG)
DE0006916604	0	290360	0 %	2.94 %
Total	290360		2.94 %	

b.1. Instruments according to Sec. 38 para. 1 No. 1 WpHG

Type of instrument	Expiration or maturity date	Exercise or conversion period	Voting rights absolute	Voting rights in %
Shares on Loan (right to recall)	N/A	At any time	18572	0.19 %
		Total	18572	0.19 %

b.2. Instruments according to Sec. 38 para. 1 No. 2 WpHG

Type of instrument	Expiration or maturity date	Exercise or conversion period	Cash or physical settlement	Voting rights absolute	Voting rights in %
					%
			Total		%

8. Information in relation to the person subject to the notification obligation

	Person subject to the notification obligation is not controlled and does itself not control any other undertaking(s) holding directly or indirectly an interest in the (underlying) issuer (1.).
X	Full chain of controlled undertakings starting with the ultimate controlling natural person or legal entity:

Name	% of voting rights (if at least held 3% or more)	% of voting rights through instruments (if at least held 5% or more)	Total of both (if at least held 5% or more)
State of Norway	%	%	%
Norges Bank	%	%	%

9. In case of proxy voting according to Sec. 34 para. 3 WpHG

Date of general meeting:	
Holding position after general meeting:	% (equals voting rights)

10. Other explanatory remarks:

Publication according to § 26 (1) of German Securities Trading Act ("WpHG")

No.	Corporation	Holding (%)	Date	Published by	Content of publication
16	Montanaro Asset Management Limited, London, Great Britain	2.94	July 7, 2014	DGAP	Montanaro Asset Management Limited, London, Great Britain, notified Pfeiffer Vacuum Technology AG pursuant to § 21 (1) of the German Securities Trading Act that the percentage of its voting rights in our corporation fell below the threshold of 3% on June 26, 2014 and stood at 2.94% (equivalent to 290,358 votes) as of that date. These 2.94 percentage points (equivalent to 290,358 votes) are attributable to Montanaro Asset Management Limited, London, Great Britain, pursuant to § 22 (1), sentence 1, no. 6, German Securities Trading Act.
17	Montanaro European Smaller Companies plc, Dublin, Ireland	2.98	Feb. 13, 2014	DGAP	Montanaro European Smaller Companies plc, Dublin, Ireland, notified Pfeiffer Vacuum Technology AG pursuant to § 21 (1) of the German Securities Trading Act that the percentage of its voting rights in our corporation fell below the threshold of 3% on February 10, 2014 and stood at 2.98% (equivalent to 293,744 votes) as of that date.

Publication according to § 26 (1) of German Securities Trading Act (“WpHG”)

<table>
<tr><th>No.</th><th>Corporation</th><th>Holding (%)</th><th>Date</th><th>Published by</th><th>Content of publication</th></tr>
<tr><td>18</td><td>Investmentgesellschaft für langfristige Investoren TGV</td><td>3.05</td><td>Oct. 29, 2018</td><td>DGAP</td><td>
1. Details of issuer
Pfeiffer Vacuum Technology AG
Berliner Str. 43
35614 Asslar
Germany

2. Reason for notification
<table>
<tr><td>X</td><td>Acquisition/disposal of shares with voting rights</td></tr>
<tr><td></td><td>Acquisition/disposal of instruments</td></tr>
<tr><td></td><td>Change of breakdown of voting rights</td></tr>
<tr><td></td><td>Other reason:</td></tr>
</table>
3. Details of person subject to the notification obligation
<table>
<tr><td>Name:</td><td>City and country of registered office:</td></tr>
<tr><td>Mr Norman Rentrop,
Date of birth: 26 Oct 1957</td><td></td></tr>
</table>
4. Names of shareholder(s)
holding directly 3% or more voting rights, if different from 3.
Investmentgesellschaft für langfristige Investoren TGV

5. Date on which threshold was crossed or reached:
24 Oct 2018

6. Total positions
<table>
<tr><td></td><td>% of voting rights attached to shares (total of 7.a.)</td><td>% of voting rights through instruments (total of 7.b.1 + 7.b.2)</td><td>total of both in % (7.a. + 7.b.)</td><td>total number of voting rights of issuer</td></tr>
<tr><td>Resulting situation</td><td>3.05 %</td><td>0.00 %</td><td>3.05 %</td><td>9867659</td></tr>
<tr><td>Previous notification</td><td>N/A %</td><td>N/A %</td><td>N/A %</td><td>/</td></tr>
</table>
</td></tr>
</table>

Publication according to § 26 (1) of German Securities Trading Act ("WpHG")

No.	Corporation	Holding (%)	Date	Published by	Content of publication

7. Notified details of the resulting situation

a. Voting rights attached to shares (Sec.s 33, 34 WpHG)

ISIN	absolute		in %	
	direct (Sec. 33 WpHG)	indirect (Sec. 34 WpHG)	direct (Sec. 33 WpHG)	indirect (Sec. 34 WpHG)
DE0006916604		300675	%	3.05 %
Total	300675		3.05 %	

b.1. Instruments according to Sec. 38 para. 1 No. 1 WpHG

Type of instrument	Expiration or maturity date	Exercise or conversion period	Voting rights absolute	Voting rights in %
				%
		Total		%

b.2. Instruments according to Sec. 38 para. 1 No. 2 WpHG

Type of instrument	Expiration or maturity date	Exercise or conversion period	Cash or physical settlement	Voting rights absolute	Voting rights in %
					%
			Total		%

8. Information in relation to the person subject to the notification obligation

	Person subject to the notification obligation is not controlled and does itself not control any other undertaking(s) holding directly or indirectly an interest in the (underlying) issuer (1.).
X	Full chain of controlled undertakings starting with the ultimate controlling natural person or legal entity:

Name	% of voting rights (if at least held 3% or more)	% of voting rights through instruments (if at least held 5% or more)	Total of both (if at least held 5% or more)
Norman Rentrop	%	%	%
Investmentgesellschaft für langfristige Investoren	3.05 %	%	3.05 %

9. In case of proxy voting according to Sec. 34 para. 3 WpHG

Date of general meeting:	
Holding position after general meeting:	% (equals voting rights)

10. Other explanatory remarks:

Publication according to § 26 (1) of German Securities Trading Act ("WpHG")

No.	Corporation	Holding (%)	Date	Published by	Content of publication
19	Sun Life Assurance Company of Canada - U.S. Operations Holdings, Inc., Wellesley Hills, USA	2.81	Sept. 24, 2015	DGAP	Sun Life Assurance Company of Canada - U.S. Operations Holdings, Inc., Wellesley Hills, USA, notified Pfeiffer Vacuum Technology AG pursuant to § 21 (1) of the German Securities Trading Act that the percentage of its voting rights in our corporation fell below the threshold of 3% on September 18, 2015 and stood at 2.81% (equivalent to 276,892 votes) as of that date. These 2.81 percentage points (equivalent to 276,892 votes) are attributable to Sun Life Assurance Company of Canada - U.S. Operations Holdings, Inc., Wellesley Hills, USA, pursuant to § 22 (1), sentence 1, no. 6, German Securities Trading Act, in conjunction with sentence 2, German Securities Trading Act.
20	Sun Life Financial Inc., Toronto, Canada	2.81	Sept. 24, 2015	DGAP	Sun Life Financial Inc., Toronto, Canada, notified Pfeiffer Vacuum Technology AG pursuant to § 21 (1) of the German Securities Trading Act that the percentage of its voting rights in our corporation fell below the threshold of 3% on September 18, 2015 and stood at 2.81% (equivalent to 276,892 votes) as of that date. These 2.81 percentage points (equivalent to 276,892 votes) are attributable to Sun Life Financial Inc. pursuant to § 22 (1), sentence 1, no. 6, German Securities Trading Act, in conjunction with sentence 2, German Securities Trading Act.
21	Sun Life Financial (U.S.) Holdings, Inc., Wellesley Hills, USA	2.81	Sept. 24, 2015	DGAP	Sun Life Financial (U.S.) Holdings, Inc., Wellesley Hills, USA, notified Pfeiffer Vacuum Technology AG pursuant to § 21 (1) of the German Securities Trading Act that the percentage of its voting rights in our corporation fell below the threshold of 3% on September 18, 2015 and stood at 2.81% (equivalent to 276,892 votes) as of that date. These 2.81 percentage points (equivalent to 276,892 votes) are attributable to Sun Life Financial (U.S.) Holdings, Inc., Wellesley Hills, USA, pursuant to § 22 (1), sentence 1, no. 6, German Securities Trading Act, in conjunction with sentence 2, German Securities Trading Act.
22	Sun Life Financial (U.S.) Investments LLC, Wellesley Hills, USA	2.81	Sept. 24, 2015	DGAP	Sun Life Financial (U.S.) Investments LLC, Wellesley Hills, USA, notified Pfeiffer Vacuum Technology AG pursuant to § 21 (1) of the German Securities Trading Act that the percentage of its voting rights in our corporation fell below the threshold of 3% on September 18, 2015 and stood at 2.81% (equivalent to 276,892 votes) as of that date. These 2.81 percentage points (equivalent to 276,892 votes) are attributable to Sun Life Financial (U.S.) Investments LLC., Wellesley Hills, USA, pursuant to § 22 (1), sentence 1, no. 6, German Securities Trading Act, in conjunction with sentence 2, German Securities Trading Act.

Publication according to § 26 (1) of German Securities Trading Act (“WpHG”)

No.	Corporation	Holding (%)	Date	Published by	Content of publication
23	Sun Life Global Investments Inc., Toronto, Canada	2.81	Sept. 24, 2015	DGAP	Sun Life Global Investments Inc., Toronto, Canada, notified Pfeiffer Vacuum Technology AG pursuant to § 21 (1) of the German Securities Trading Act that the percentage of its voting rights in our corporation below the threshold of 3% on September 18, 2015 and stood at 2.81% (equivalent to 276,892 votes) as of that date. These 2.81 percentage points (equivalent to 276,892 votes) are attributable to Sun Life Global Investments Inc., Toronto, Canada, pursuant to § 22 (1), sentence 1, no. 6, German Securities Trading Act, in conjunction with sentence 2, German Securities Trading Act.
24	Sun Life of Canada (U.S.) Financial Services Holdings, Inc., Boston, USA	2.81	Sept. 24, 2015	DGAP	Sun Life of Canada (U.S.) Financial Services Holdings, Inc., Boston, USA, notified Pfeiffer Vacuum Technology AG pursuant to § 21 (1) of the German Securities Trading Act that the percentage of its voting rights in our corporation fell below the threshold of 3% on September 18, 2015 and stood at 2.81% (equivalent to 276,892 votes) as of that date. These 2.81 percentage points (equivalent to 276,892 votes) are attributable to Sun Life of Canada (U.S.) Financial Services Holdings, Inc., Boston, USA, pursuant to § 22 (1), sentence 1, no. 6, German Securities Trading Act, in conjunction with sentence 2, German Securities Trading Act.
25	TAM UK Holdings Limited, London, Great Britain	2.53	April 9, 2015	DGAP	TAM UK Holdings Limited, London, Great Britain, notified Pfeiffer Vacuum Technology AG pursuant to § 21 (1) of the German Securities Trading Act that the percentage of its voting rights in our corporation fell below the threshold of 3% on March 30, 2015 and stood at 2.53% (equivalent to 249,588 votes). These 2.53 percentage points are attributable to TAM UK Holdings Limited, London, Great Britain, pursuant to § 22 (1), sentence 1, no. 6, in conjunction with sentence 2, German Securities Trading Act.
26	TC Financing Limited, London, Great Britain	2.53	April 9, 2015	DGAP	TC Financing Limited, London, Great Britain, notified Pfeiffer Vacuum Technology AG pursuant to § 21 (1) of the German Securities Trading Act that the percentage of its voting rights in our corporation fell below the threshold of 3% on March 30, 2015 and stood at 2.53% (equivalent to 249,588 votes) as of that date. These 2.53 percentage points are attributable to TC Financing Limited, London, Great Britain, pursuant to § 22 (1), sentence 1, no. 6, in conjunction with sentence 2, German Securities Trading Act.

Publication according to § 26 (1) of German Securities Trading Act (“WpHG”)

No.	Corporation	Holding (%)	Date	Published by	Content of publication
27	The Capital Group Companies, Los Angeles, USA	2.68	Dec. 2, 2014	DGAP	The Capital Group Companies, Los Angeles, USA, notified Pfeiffer Vacuum Technology AG pursuant to § 21 (1) of the German Securities Trading Act in conjunction with § 22 (1), sentence 1, no. 6, German Securities Trading Act, in conjunction with § 22 (1) sentences 2 and S. 3, German Securities Trading Act, that its percentage of voting rights in our corporation fell below the threshold of 3% on November 24, 2014 and stood at 2.68% (equivalent to 264,558 votes) as of that date. 2.68 percentage points of these voting rights (equivalent to 264,558 votes) are attributable to Capital Group Companies, Los Angeles, USA, pursuant to § 22 (1), sentence 1, no. 6, German Securities Trading Act, in conjunction with § 22 (1) sentences 2 and 3, German Securities Trading Act.
28	Threadneedle Asset Management Holdings Limited, London, Great Britain	2.53	April 9, 2015	DGAP	Threadneedle Asset Management Holdings Limited, London, Great Britain, notified Pfeiffer Vacuum Technology AG pursuant to § 21 (1) of the German Securities Trading Act that the percentage of its voting rights in our corporation on March 30, 2015 fell below the threshold of 3% and stood at 2.53% (equivalent to 249,588 votes). These 2.53 percentage points are attributable to Threadneedle Asset Management Holdings Limited, London, Great Britain, pursuant to § 22 (1) Sentence 1, no. 6, in conjunction with sentence 2, German Securities Trading Act.
29	Threadneedle Asset Management Holdings SARL, Luxembourg, Luxembourg	2.53	April 9, 2015	DGAP	Threadneedle Asset Management Holdings SARL, Luxembourg, Luxembourg, notified Pfeiffer Vacuum Technology AG pursuant to § 21 (1) of the German Securities Trading Act that the percentage of its voting rights in our corporation fell below the threshold of 3% on March 30, 2015 and stood at 2.53% (equivalent to 249,588 votes) as of that date. These 2.53 percentage points are attributable to Threadneedle Asset Management Holdings SARL, Luxembourg, Luxembourg, pursuant to § 22 (1), sentence 1, no. 6, in conjunction with sentence 2, German Securities Trading Act.
30	Threadneedle Asset Management Limited, London, Great Britain	2.53	April 9, 2015	DGAP	Threadneedle Asset Management Limited, London, Great Britain, notified Pfeiffer Vacuum Technology AG pursuant to § 21 (1) of the German Securities Trading Act that the percentage of its voting rights in our corporation fell below the threshold of 3% on March 30, 2015 and stood at 2.53% (equivalent to 249,588 votes) as of that date. These 2.53 percentage points are attributable to Threadneedle Asset Management Limited, London, Great Britain, pursuant to § 22 (1), sentence 1, no. 6, German Securities Trading Act.

Publication according to § 26 (1) of German Securities Trading Act (“WpHG”)

No.	Corporation	Holding (%)	Date	Published by	Content of publication
31	Threadneedle Holdings Limited, London, Great Britain	2.53	April 9, 2015	DGAP	Threadneedle Holdings Limited, London, Great Britain, notified Pfeiffer Vacuum Technology AG pursuant to § 21 (1) of the German Securities Trading Act that the percentage of its voting rights in our corporation fell below the threshold of 3% on March 30, 2015 and stood at 2.53% (equivalent to 249,588 votes) as of that date. These 2.53 percentage points are attributable to Threadneedle Holdings Limited, London, Great Britain, pursuant to § 22 (1), sentence 1, no. 6, in conjunction with sentence 2, German Securities Trading Act.
32	Threadneedle Investment Services Limited, London, Great Britain	3.08	June 28, 2013	DGAP	Threadneedle Investment Services Limited, London, Great Britain, notified Pfeiffer Vacuum Technology AG pursuant to § 21 (1) of the German Securities Trading Act that the percentage of its voting rights in our corporation exceeded the threshold of 3% on June 26, 2013 and stood at 3.08% (equivalent to 303,567 votes) as of that date. These 3.08 percentage points (equivalent to 303,567 votes) are attributable to Threadneedle Investment Services Limited, London, Great Britain, pursuant to § 22 (1), sentence 1, no. 6, German Securities Trading Act. Voting rights from the following shareholder, whose percentage of voting rights in Pfeiffer Vacuum Technology AG amounts to 3% or above, are also attributed to it: Threadneedle Investment Funds ICVC. Threadneedle Investment Funds ICVC, London, Great Britain, notified Pfeiffer Vacuum Technology AG pursuant to § 21 (1) of the German Securities Trading Act that the percentage of its voting rights in our corporation exceeded the threshold of 3% on June 26, 2013 and stood at 3.08% (equivalent to 303,567 votes) as of that date.

Publication according to § 26 (1) of German Securities Trading Act ("WpHG")

<table>
<tr><th>No.</th><th>Corporation</th><th>Holding (%)</th><th>Date</th><th>Published by</th><th>Content of publication</th></tr>
<tr><td>33</td><td>Universal-Investment-Gesellschaft mit beschränkter Haftung, Frankfurt am Main, Germany</td><td>2.93</td><td>Feb. 1, 2017</td><td>DGAP</td><td>
1. Details of issuer
Pfeiffer Vacuum Technology AG
Berliner Str. 43
35614 Asslar
Germany

2. Reason for notification
<table>
<tr><td></td><td>Acquisition/disposal of shares with voting rights</td></tr>
<tr><td></td><td>Acquisition/disposal of instruments</td></tr>
<tr><td></td><td>Change of breakdown of voting rights</td></tr>
<tr><td>X</td><td>Other reason:
Disposal of voting rights through managed special assets</td></tr>
</table>
3. Details of person subject to the notification obligation
<table>
<tr><td>Name:</td><td>City and country of registered office:</td></tr>
<tr><td>Universal-Investment-Gesellschaft mit beschränkter Haftung</td><td>Frankfurt am Main
Germany</td></tr>
</table>
4. Names of shareholder(s)
holding directly 3% or more voting rights, if different from 3.
n/a

5. Date on which threshold was crossed or reached
27 Jan 2017

6. Total positions
<table>
<tr><td></td><td>% of voting rights attached to shares (total of 7.a.)</td><td>% of voting rights through instruments (total of 7.b.1 + 7.b.2)</td><td>total of both in % (7.a. + 7.b.)</td><td>total number of voting rights of issuer</td></tr>
<tr><td>Resulting situation</td><td>2.93 %</td><td>0.00 %</td><td>2.93 %</td><td>9867659</td></tr>
<tr><td>Previous notification</td><td>3.05 %</td><td>0.00 %</td><td>3.05 %</td><td>/</td></tr>
</table>
</td></tr>
</table>

Publication according to § 26 (1) of German Securities Trading Act (“WpHG”)

No.	Corporation	Holding (%)	Date	Published by	Content of publication
					(see below)

7. Notified details of the resulting situation

a. Voting rights attached to shares (Sec.s 21, 22 WpHG)

ISIN	absolute		in %	
	direct (Sec. 21 WpHG)	indirect (Sec. 22 WpHG)	direct (Sec. 21 WpHG)	indirect (Sec. 22 WpHG)
DE0006916604	0	289215	0 %	2.93 %
Total	289215		2.93 %	

b.1. Instruments according to Sec. 25 para. 1 No. 1 WpHG

Type of instrument	Expiration or maturity date	Exercise or conversion period	Voting rights absolute	Voting rights in %
				%
		Total		%

b.2. Instruments according to Sec. 25 para. 1 No. 2 WpHG

Type of instrument	Expiration or maturity date	Exercise or conversion period	Cash or physical settlement	Voting rights absolute	Voting rights in %
					%
			Total		%

8. Information in relation to the person subject to the notification obligation

X	Person subject to the notification obligation is not controlled and does itself not control any other undertaking(s) holding directly or indirectly an interest in the (underlying) issuer (1.).
	Full chain of controlled undertakings starting with the ultimate controlling natural person or legal entity:

Name	% of voting rights (if at least held 3% or more)	% of voting rights through instruments (if at least held 5% or more)	Total of both (if at least held 5% or more)

9. In case of proxy voting according to Sec. 22 para. 3 WpHG

Date of general meeting:	
Holding position after general meeting:	% (equals voting rights)

10. Other explanatory remarks:

Publication according to § 26 (1) of German Securities Trading Act ("WpHG")

No.	Corporation	Holding (%)	Date	Published by	Content of publication
34	Hakuto Co., Ltd. Shinjuku-ku, Tokyo Japan	2.99	Sept. 23, 2021	DGAP	**1. Details of issuer (name, address)** Name: Pfeiffer Vacuum Technology AG Legal Entity Identifier (LEI): 8945004AW6QK8JHNQP69 Street, Street number: Berliner Str. 43 Postal code: 35614 City: Asslar **2. Reason for notification** (multiple reasons possible) [X] Acquisition/disposal of shares with voting rights [ ] Acquisition/disposal of instruments [ ] Change of breakdown of voting rights [ ] Other reason **3. Details of person subject to the notification obligation** Natural person First name | Surname | Date of birth **4. Name(s) of shareholder(s)** holding directly 3% or more voting rights, if different from 3. Name **5. Date on which threshold was crossed or reached** 14/01/2021

Publication according to § 26 (1) of German Securities Trading Act (“WpHG”)

No.	Corporation	Holding (%)	Date	Published by	Content of publication
					(see below)

6. Total positions

	% of voting rights attached to shares (total of 7.a.)	% of voting rights through instruments (total of 7.b.1. + 7.b.2.)	Total of both in % (7.a. + 7.b.)	Total number of voting rights pursuant to Sec. 41 WpHG
New	2,99 %	0,00 %	2,99 %	9.867.659
Previous notification (if applicable)	n/a	n/a	n/a	-

7. Details on total positions

a. Voting rights attached to shares (Sec. 33, 34 WpHG)

ISIN	Absolute		In %	
	Direct (Sec. 33 WpHG)	Indirect (Sec. 34 WpHG)	Direct (Sec. 33 WpHG)	Indirect (Sec. 34 WpHG)
DE0006916604	295.450	0	2,99 %	0,00 %

Total	295.450	2,99 %

b.1. Instruments according to Sec. 38 (1) no. 1 WpHG

Type of instrument	Expiration or maturity date	Excercise or conversion period	Voting rights absolute	Voting rights in %
			0	0,00 %

	Voting rights absolute	Voting rights in %
Total	0	0,00 %

Publication according to § 26 (1) of German Securities Trading Act (“WpHG”)

No.	Corporation	Holding (%)	Date	Published by	Content of publication
					see below

b.2. Instruments according to Sec. 38 (1) no. 2 WpHG

Type of instrument	Expiration or maturity date	Excercise or conversion period	Cash or physical settlement	Voting rights absolute	Voting rights in %
				0	0,00 %

	Voting rights absolute	Voting rights in %
Total	0	0,00 %

8. Information in relation to the person subject of the notification obligation (please tick the applicable box)

[X] Person subject to the notification obligation (3.) is not controlled nor does it control any other undertaking(s) holding directly or indirectly an interest in the (underlying) issuer (1.).

[ ] Full chain of controlled undertakings starting with the ultimate controlling natural person or legal entity:

Name	% of voting rights (if at least held 3% or more)	% of voting rights through instruments (if at least held 5% or more)	Total of both (if at least held 5% or more)

9. In case of proxy voting according to Sec. 34 (3) WpHG

(only in case of attribution of voting rights pursuant to Sec. 34 (1) sent. 1 no. 6 WpHG)

Date of general meeting

Total positions (6.) after general meeting

% of voting rights attached to shares	% of voting rights through instruments	Total of both

Publication according to § 26 (1) of German Securities Trading Act ("WpHG")

No.	Corporation	Holding (%)	Date	Published by	Content of publication
					10. Other useful information Hakuto Co. Ltd.'s share in the voting rights now fell below the 3% threshold. When Hakuto Co. Ltd. acquired a shareholding of more than 3% of the voting rights prior to 2007, no applicable notification obligation for crossing the 3% threshold existed. Therefore, the field under No.6 ("Previous notification") is now left blank, i.e. it is stated "n /a". Date, 23/09/2021 Signature Ken Ebihara

Shares in circulation as of December 31, 2022: 9,867,659

IV. Combined Management Report

The Management Report of Pfeiffer Vacuum Technology AG and the Group Management Report were combined pursuant to § 315 Sub.-Para. 5 of the German Commercial Code (“HGB”) in conjunction with § 298 Sub.-Para 2 of the German Commercial Code and published as part of the Annual Report 2021 of the Pfeiffer Vacuum Group.

The Annual Financial Statements and the Management Report of Pfeiffer Vacuum Technology AG included in the Combined Management Report for financial year 2022 are submitted to the operator of the Federal Gazette and published in the Federal Gazette.

The Pfeiffer Vacuum Technology AG Annual Financial Statements and the Annual Report of the Pfeiffer Vacuum Group for financial year 2022 are also available online at ir.pfeiffer-vacuum.com/English/home/.

V. Proposal on the Appropriation of Retained Earnings 2022

The Management Board and Supervisory Board propose the following appropriation of the distributable profit amounting to € 186,912,182.45, as presented in the Annual Financial Statements as of December 31, 2022:

Distribution of a dividend in the amount of € 0.11 per no-par share entitled to dividends

For the fiscal year 2022	€ 1,085,442.49
Carried forward to new account	€ 185,826,739.96
	€ 186,912,182.45

The dividend will be payable on May 5, 2023.

The proposed appropriation of the distributable profit is based on the assumption of a share capital entitled to dividend in the amount of € 25,261,207.04, divided into 9,867,659 no-par value shares. If the actual number of shares entitled to dividends – and thus also the dividend amount – is lower at the time of the resolution on the appropriation of the retained earnings, the Management Board and Supervisory Board will propose an accordingly adjusted resolution on the appropriation of the distributable profit, which will stipulate an dividend of € 0.11 per no-par share entitled to dividends, with the then remaining amount of the retained earnings being carried forward to new account.

VI. Report of the Supervisory Board on the 2022 Fiscal Year

Dear Shareholders,

In fiscal year 2022, Pfeiffer Vacuum Technology AG successfully continued the comprehensive transformation process initiated in 2018 towards becoming a global, integrated and agile Company. The Supervisory Board closely supported the Management Board in this process. In addition to the Company's strategic continued development and the on-going consideration of the Company's sales and earnings development and the Group's financial position and profitability, the handling of the effects of the COVID-19 pandemic, the project "Future Factory Asslar", the consistent further development of the Group-wide IT structure and the remuneration system for the Management Board were important topics of the work of the Supervisory Board in the past fiscal year. There was a strong focus on the topics of digitalization and sustainability.

In fiscal year 2022, the Supervisory Board of Pfeiffer Vacuum Technology AG duly and diligently exercised all the duties attributed to it by law and the Articles of Association. It continuously and conscientiously monitored the work of the Management Board, accompanied and advised on the strategic development of the Company and important individual initiatives with a view to sustainable value creation and satisfied itself about the legality and regularity as well as the expediency and economic efficiencies of the managerial work on the basis of the Management Board's reports. In some cases, the Supervisory Board utilized the support of external experts in its work.

Cooperation between Supervisory Board and Management Board

The Management Board informed the Supervisory Board and/or the chairwoman of the Supervisory Board regularly, comprehensively and in a timely manner about the competitive environment, planned business policy and all strategic and crucial operational decisions. In the same way, the Management Board discussed key financial and non- financial performance indicators with the Supervisory Board as a basis for evaluating the economic situation and strategic development of the Company.

The Management Board reported during Supervisory Board meetings in oral or written form and replied within this setting to questions raised by the Supervisory Board. Outside of the meetings, an intensive exchange of information with the Supervisory Board was also ensured with regular reports on the economic development and the key occurrences of the Company and the Group. Of particular mention is the regular contact which the chairwoman maintained with the Management Board between the meetings to consult with the Management Board on matters of strategy, business development, the state of risk, risk management and compliance of the Company. The Supervisory Board is satisfied that Management Board reporting met the statutory and Supervisory Board's requirements and the principles of good corporate governance.

Business transactions of the Management Board requiring pre-approval were decided by the Supervisory Board after these had been carefully reviewed and the issues were discussed with the Management Board.

Personnel composition of the management bodies

There were no changes in the Management Board in the year under review; this consisted, and still does, of Dr. Britta Giesen as Chairwoman of the Management Board and Mr. Wolfgang Ehrk (COO). The Management Board is supported by a Group Executive Committee, which, in addition to the Management Board members themselves, includes Ms. Hind Beaujon as Chief Sales Officer – CSO (since January 1, 2021), Mr. Sébastien Gerland as Chief People and Culture Officer – CPCO (since July 1, 2022), Mr. Benoît Guillaumin as Chief Financial

Officer – CFO (since July 1, 2022, before since June 1, 2021, Chief Controlling Officer), and Mr. Tobias Stoll as Chief Technology Officer – CTO (since February 1, 2022).

There were no changes in the Supervisory Board either during the reporting year. The composition of the Board remains unchanged:

On the part of the shareholder representatives

- Ms. Ayla Busch (member since October 2017)
- Mr. Götz Timmerbeil (member since June 2001)
- Mr. Henrik Newerla (member since April 2018) and
- Ms. Minja Lohrer (member since May 2021),

and as employee representatives

- Mr. Stefan Röser (member since January 2020) and
- Mr. Timo Birkenstock (member since May 2021).

The term of office of the incumbent members of the Supervisory Board ends at the close of the 2025 Annual General Meeting.

The proportion of women on the Supervisory Board is 33.33% and on the Management Board 50%, in each case as of the reporting date of March 14, 2023.

Supervisory Board meetings and aspects of Supervisory Board work

In fiscal year 2022, the Supervisory Board addressed the current situation of the Company and the Group in a total of 13 meetings,11 of which were carried out via video conference due to the pandemic and two of which were held face-to-face. It dealt with all issues of importance to the Company and discussed them in detail with the Management Board. Meetings of the Supervisory Board committees were also held. Outside the meetings, the Supervisory Board adopted a number of resolutions by written circular. The Management Board members took part in the plenary meetings, unless there were topics on the agenda that required to be dealt with properly without the presence of the Management Board; therefore, the Supervisory Board met regularly without Management Board members being present.

The Supervisory Board reviewed the current course of business and the quarterly results on a continuous basis and discussed these in detail with the Management Board. It repeatedly received reports on strategy and discussed these reports with the Management Board. A further subject of discussion was the short-term, medium-term and long-term corporate planning, and investment planning, presented by the Management Board, and the development of return on investment. The Management Board reported continually on the profitability of the Group and the performance of key subsidiaries. Other topics of discussion included the top ten investment projects and cash management within the Group.

The Supervisory Board was updated repeatedly on the status of ongoing IT projects and discussed the continued development of the Group-wide IT structure with the Management Board. It also addressed the “Future Factory” project in Asslar on several occasions. The Supervisory Board paid a visit to the Asslar site and held discussions with employees.

It also addressed the structure of Management Board remuneration in detail. Accordingly, on the basis of preparatory work by the Personnel Committee, it adopted an amendment to the Management Board remuneration system, with the objective of taking greater account of ESG aspects in incentivization. This amendment was approved by the Annual General Meeting.

Other aspects of the Supervisory Board’s work included the statement of compliance with the German Corporate Governance Code, the development of employee figures worldwide and a concept for time recording at German locations, as well as key customer projects and market trends in 2022. The Supervisory Board was also kept informed by the Management Board about compliance and compliance management within the Company and the Group, and discussed the risk management system with the Management Board. Attention was also paid to the issue of cyber security.

The Supervisory Board also discussed the Company's position on the war in Ukraine and its impact on business operations, particularly in connection with supply chain risks and maintaining energy supplies to production sites.

At its financial statements meeting in March, the Supervisory Board, supported by the preparatory work of the Audit Committee and the detailed explanations provided by representatives of the auditor who were present at the meeting, dealt in detail with the Company's annual financial statement documents for the 2021 fiscal year. Following in-depth discussions and review, the Supervisory Board approved the 2021 annual financial statements, the annual report including the combined management report as of December 31, 2021, the Management Board's proposal for the dividend payout ratio and the distribution of profits, the consolidated financial statements 2021, the Group annual report including the combined management report as of December 31, 2021, the non-financial Group statement (NFE report) and the Management Board's report on relations with affiliated companies for 2021. It also adopted the report of the Supervisory Board for 2021 and issued the declaration on corporate governance together with the Management Board.

Other aspects included the draft invitation to the 2022 Annual General Meeting presented by the Management Board, on the basis of which the Supervisory Board adopted the proposed resolutions for the Annual General Meeting. The Supervisory Board also gave its consent to holding the Annual General Meeting in the form of a virtual meeting.

The Supervisory Board also addressed the 2021 target achievements and the calculation of bonuses for the current Management Board members,as part of the variable remuneration for the Management Board, and adopted the corresponding resolutions in accordance with the proposals presented by the Personnel Committee. It also determined the target parameters for the annual bonus 2023 and the assessment period 2023 – 2025 relating to LTI.

Special attention was paid by the Supervisory Board to corporate governance, taking into account sustainability issues, i.e. the ESG responsibilities (environmental, social and governance) within the Group. The global coordinator for corporate social responsibility reported on this to the Supervisory Board. In addition, the Supervisory Board involved external experts to conduct a training course on ESG issues and reviewed the efficiency of its activity on a rotating basis with the assistance of an external legal expert.

In dialogue with the Management Board, the Supervisory Board discussed the composition of the Group Executive Committee and its work. Personnel planning at Management Board level was also dealt with by the Supervisory Board. The competence profile for the Supervisory Board, which was supplemented with specialist knowledge in the area of ESG, was also discussed in detail by the Supervisory Board. In addition, it adopted the targets for the women's quota in the Supervisory Board and Management Board in accordance with § 111 Sub-Para 5 of the German Stock Corporation Act, and determined a deadline of five years to reach this target.

After the controlling shareholder, Pangea GmbH, announced that it was seeking a control and profit and loss transfer agreement with Pfeiffer Vacuum Technology AG, the Supervisory Board concerned itself with this project and sought a legal expert to inform the Board about the consequences and the procedure for concluding such an agreement.

Supervisory Board Committees

The work of the Supervisory Board in fiscal year 2022 was again accompanied and prepared by its committees. The committees report to the Supervisory Board on their work at regular intervals.

In addition to the Nomination Committee, the Personnel Committee, the Audit Committee and the Related Party Transaction Committee (RPT Committee) were appointed. The tasks and competencies of the committees are defined in the rules of procedure for the Supervisory Board, which are available on the Company's website.

The personnel composition of the Supervisory Board committees in the reporting period was as follows:

Nomination Committee
- Ayla Busch (Chairwoman)
- Minja Lohrer
- Götz Timmerbeil

Management Board Committee
- Ayla Busch (Chairwoman)
- Minja Lohrer
- Henrik Newerla
- Götz Timmerbeil

Audit Committee
- Götz Timmerbeil (Chairman)
- Minja Lohrer
- Ayla Busch

RPT Committee
- Götz Timmerbeil (Chairman)
- Timo Birkenstock
- Henrik Newerla

The Personnel Committee held five meetings in the 2022 fiscal year. A key component of its discussions focused on target achievements in relation to the variable remuneration components of the Management Board in the 2021 fiscal year, and in determining the target parameters for the coming assessment periods. In addition, the Personnel Committee dealt with an amendment to the remuneration system for the Management Board. Finally, the committee dealt with personnel planning for the Management Board. It adopted corresponding proposals for resolutions for the plenum.

The Audit Committee held four meetings in the reporting year. At its March meeting, attended by representatives of the auditor, it dealt in detail with the annual financial statements and the consolidated financial statements of the Company, the non-financial statement and the dependency report, in each case for the 2021 fiscal year, and the audit reports from the independent auditor. In preparation for dealing with the financial statements at the plenary meeting of the Supervisory Board, these documents were discussed in detail with the auditor's representatives and carefully examined on the basis of the information provided. Following discussions held in advance by the committee chairman with the Management Board, the Head of Global Finance and the auditor, and a mandate-related quality report submitted by the auditor, the Audit Committee dealt in detail with the quality of the audit. On the basis of its positive evaluation, the Committee resolved to recommend to the Supervisory Board that it propose to the Annual General Meeting that PricewaterhouseCoopers GmbH, Wirtschaftsprüfungsgesellschaft, Frankfurt am Main, be appointed as auditors of the financial statements and consolidated financial statements for the 2022 fiscal year.

In its October, meeting, which was again attended by the auditor, the Audit Committee dealt with the independence of the auditor and registered the auditor's statement of independence. It determined that agreements would be reached with the auditor regarding the review of the corporate governance rules, and that communication between the committee and the auditor would be defined in greater detail. The auditor's representatives presented the intended approach to auditing the financial statements, and the Committee determined the key points for the audit of the financial statements. Subsequently, the contracts for the audit of the Company's annual financial statements and the consolidated financial statements for 2022 and the non-financial statement for 2022 were awarded to the auditor.

In its further sessions, the audit committee also dealt with the compliance system and the risk management system, and were briefed on this issue by the Head of Global Compliance. Particular attention was paid to the inclusion of geopolitical and sustainability risks in the risk inventory, as well as data protection and the measures arising for the Company from the German supply chain due diligence act. In addition, the Committee sought the report of the Head of Global Finance on the internal audit measures in 2022 and discussed these in detail.

The Related Party Transactions Committee (RPT Committee) met five times in the reporting year. In its meeting in January 2022, it dealt in detail with the master service agreement between Pfeiffer Vacuum Shared Services GmbH and Busch Dienste GmbH as well as other companies belonging to the Busch SE Group for the provision of services to establish and operate a joint IT system. After thorough review and intensive discussion, the RPT Committee agreed the conclusion of a framework agreement, which is to be classified as transactions with a related party in accordance with § 111a Sub-Para 1 and 3 of the German Stock Corporation Act, on the basis of the decision-making power granted to it in the plenary session. The subject of further meetings was the continual examination of the cooperation with the companies of the Busch-Group, in particular in the area of IT. It was determined that, except for the Master Service Agreement, the relevant threshold for legal transactions requiring approval in accordance with § 111b of the German Stock Corporation Act was not met in the 2022 fiscal year.

The RPT Committee also dealt in detail with the dependency report for 2021, which was audited by the auditor, and discussed this report with the Management Board.

After the principal shareholder announced its intention to seek a control and profit and loss transfer agreement with Pfeiffer Vacuum Technology AG, the Committee focused on this intention.

The Nomination Committee held one meeting in the reporting year, in which it discussed the prospects regarding the future composition of the Supervisory Board.

Due to the pandemic, all meetings of the Supervisory Board committees in the year under review were held by video conference.

Attendance at the meeting

During fiscal year 2022, each Supervisory Board meeting was attended by all members of the Supervisory Board, and all members of committees also attended every meeting of the committees to which they belong. Accordingly, as in the previous year, the attendance rate of all Supervisory Board members at the plenary sessions and committees was 100% too in the reporting year.

Corporate Governance

As a listed company, Pfeiffer Vacuum Technology AG is subject to the obligation pursuant to § 161 Sub-Para.1 of the German Stock Corporation Act ("AktG"). According to this, the Management Board and the Supervisory Board have to declare annually that the recommendations of the German Corporate Governance Code have been, and will be, complied with or which recommendations have not been, or will not be, applied and if so, why not. The Supervisory Board recognizes the principles of good corporate governance and also addressed this issue in fiscal year 2022. An essential basis for this is the extensive recognition and observance of the recommendations of the German Corporate Governance Code (GCGC). The Management Board and Supervisory Board issued the regular corporate governance declaration of compliance on November 4, 2022. This is available on the company's website and is also an integral part of the corporate governance declaration.

According to Recommendation E.1 of the German Corporate Governance Code, every member of the Supervisory Board must disclose any conflicts of interest immediately. In the year under review, there were no reasons to disclose actual or potential conflicts of interest. In November 2019, the Supervisory Board already set up a special committee, known as the RPT Committee, of which Ms. Ayla Busch is not a member, to deal with the potential conflict of interest in the person of Ms. Ayla Busch which could arise when advising and monitoring the Management Board with regard to legal transactions with companies in the Busch Group and when implementing the Relationship Agreement concluded with Busch SE for related party transactions.

Annual and consolidated financial statements, audit of financial statements, dependent company report

Following preparatory discussions in the Audit Committee, PricewaterhouseCoopers GmbH, Wirtschaftsprüfungsgesellschaft, Frankfurt am Main, was commissioned to audit the annual financial statements and the consolidated financial statements of the Company, prepared in accordance with IFRS for the 2022 fiscal year and, to the extent required by law, of the subsidiaries. Pursuant to § 315e of the German Commercial Code, the Company did not prepare consolidated financial statements presented in accordance with the rules of the German Commercial Code. PricewaterhouseCoopers GmbH was also commissioned to audit the non-financial statement ("Sustainability Report 2022") as part of the combined Management Report 2022. Before assigning the audit mandates, the audit committee satisfied itself of the independence of the auditors on the basis of the declaration of independence issued for this purpose.

The Audit Committee and the auditor defined, amongst others, the following key audit points: business processes, risk and control awareness of management (management fraud); realization of sales revenues; inventories and valuation of inventories; valuation and completeness of provisions; pension provisions; current and deferred taxes; impairment test (IAS 36); capitalization of development costs (IAS 38); IT costs,/capitalization/taxation; completeness of the disclosures in the IFRS Appendix; risk and forecast reporting; dependency report and cooperation agreement with Busch; remuneration reporting as well as financial and non-financial KPIs. As in previous years, the following were determined as key audit matters: the goodwill recognized and the valuations of investments in affiliated companies. A fixed schedule was agreed upon with the committee chair for communication purposes.

It has been agreed with the auditor (i) that it will inform the Audit Committee immediately of all findings and occurrences that are essential for its duties and that come to its knowledge during the course of the audit, and (ii) that it will inform the Audit Committee and record in the audit report notes if, during the audit of the financial statements, it discovers facts that indicate that the declaration made by the Management Board and the Supervisory Board in relation to the German Corporate Governance Code is incorrect.

The Annual Financial Statements and Management Report as well as the Consolidated Financial Statements in accordance with IFRS, together with the Combined Management Report, all for the 2022 fiscal year, were audited by the independent auditor and received his unqualified endorsement.

Pursuant to § 315b of the German Commercial Code ("HGB"), the Company has prepared the non-financial group report ("Sustainability Report 2022") as part of the Combined Management Report for the 2022 fiscal year. The Supervisory Board reviewed the content of the non-financial statement with the support of PricewaterhouseCoopers GmbH, Wirtschaftsprüfungsgesellschaft, Frankfurt am Main, as part of an audit to obtain limited assurance in accordance with the International Standard on Assurance Engagement (ISAE) 3000 (Revised). The audit did not reveal any facts that would have led the auditing firm to conclude that the non-financial group statement of Pfeiffer Vacuum Technology AG for the period from January 1 to December 31, 2022, had not been prepared, in all material respects, in accordance with § 289c HGB and § 315c of the German Commercial Code ("HGB").

In the audit opinion, the non-financial group statement is identified as other information within the meaning of ISA 720 (revised). At its meeting on March 14, 2023, the Supervisory Board approved the non-financial group statement for the 2022 fiscal year.

The Annual and Consolidated Financial Statements, the Combined Management Report and the audit reports were submitted to all members of the Supervisory Board members in a timely fashion. They were first discussed, by way of preparation, in detail by the Audit Committee on March 9, 2023 and then on March 14, 2023, by the Supervisory Board at their respective meetings relating to the financial statements. Representatives of the auditors were present to report on the major findings of the audit and were available to answer questions. On the basis of its own thorough review, the Supervisory Board concurred with the results of the audit conducted by the independent auditor. Given the concluding results of its review, the Supervisory Board raised no objections to the Annual and Consolidated Financial Statements. It approved the Annual and Consolidated Financial Statements. The Annual Financial Statements were thus formally adopted. The Supervisory Board discussed in detail with the Management Board its proposal regarding the distribution of a dividend and then concurred with the Management Board's proposal regarding appropriation of the Company's retained earnings.

Additionally, the Management Board of Pfeiffer Vacuum Technology AG has drawn up a report on the Company's relationships with affiliated companies for the fiscal year 2022 ("dependency report") in accordance with § 312 of the German Stock Corporation Act ("AktG") and afterwards presented this report to the Supervisory Board for review.

PricewaterhouseCoopers GmbH Wirtschaftsprüfungsgesellschaft, Frankfurt am Main, has audited the dependency report and issued the following auditor's report:

"According to our professional audit and judgment, we confirm that:
1. the actual disclosures in the report are correct,
2. the Company's payment for legal transactions as included in the report was not unreasonably high
3. the measures listed in the report do not indicate any circumstances for a materially different assessment than the one made by the Management Board."

The Management Board's dependency report as well as the related auditor's report were submitted to the Supervisory Board. The Supervisory Board reviewed both the Management Board's dependency report as well as the auditor's report. Final review was made in the Supervisory Board meeting on March 14, 2023. The independent auditor attended this meeting, reported on the audit of the dependency report and the major findings of his audit, explained his audit report and was available to answer questions from the Supervisory Board. After the final review, the Supervisory Board concurred with the dependency report of the Management Board and the audit report of the auditor and had no objections against the declaration of the Management Board concerning relations with affiliated companies at the end of the dependency report.

Remuneration report

At the beginning of 2023, the Supervisory Board dealt with the preparation of the remuneration report 2022 and adopted this report jointly with the Management Board. The remuneration report was issued with a separate audit endorsement by the auditor and will be presented to this year's Annual General Meeting of the Company for approval.

Acknowledgements

The Supervisory Board would like to sincerely thank the Management Board, the Employee Council and the entire staff of the Group for their dedication and commitment in the successful 2022 fiscal year.

Adoption of this Report

The Supervisory Board adopted this Supervisory Board Report in the resolution dated March 14, 2023 pursuant to § 171 Sub-Para 2 of the German Stock Corporation Act ("AktG").

Asslar, Germany, March 14, 2023

On behalf of the Supervisory Board

Ayla Busch
(Chairwoman of the Supervisory Board)

VII. Independent Auditor’s Report

To Pfeiffer Vacuum Technology AG, Aßlar

REPORT ON THE AUDIT OF THE ANNUAL FINANCIAL STATEMENTS AND OF THE MANAGEMENT REPORT

Audit Opinions

We have audited the annual financial statements of Pfeiffer Vacuum Technology AG, Aßlar, which comprise the balance sheet as at 31 December 2022, and the statement of profit and loss for the financial year from 1 January to 31 December 2022 and notes to the financial statements, including the presentation of the recognition and measurement policies. In addition, we have audited the management report of Pfeiffer Vacuum Technology AG, which is combined with the group management report, including the remuneration report pursuant to § [Article] 162 AktG [Aktiengesetz: German Stock Corporation Act], including the related disclosures, included in section „Remuneration Report 2022“ for the financial year from 1 January to 31 December 2022. In accordance with the German legal requirements, we have not audited the content of those parts of the management report listed in the "Other Information" section of our auditor’s report.

In our opinion, on the basis of the knowledge obtained in the audit,

- the accompanying annual financial statements comply, in all material respects, with the requirements of German commercial law and give a true and fair view of the assets, liabilities and financial position of the Company as at 31 December 2022 and of its financial performance for the financial year from 1 January to 31 December 2022 in compliance with German Legally Required Accounting Principles and
- the accompanying management report as a whole provides an appropriate view of the Company’s position. In all material respects, this management report is consistent with the annual financial statements, complies with German legal requirements and appropriately presents the opportunities and risks of future development. Our audit opinion on the management report does not cover the content of those parts of the management report listed in the „Other Information“ section of our auditor’s report.

Pursuant to § 322 Abs. [paragraph] 3 Satz [sentence] 1 HGB [Handelsgesetzbuch: German Commercial Code], we declare that our audit has not led to any reservations relating to the legal compliance of the annual financial statements and of the management report.

Basis for the Audit Opinions

We conducted our audit of the annual financial statements and of the management report in accordance with § 317 HGB and the EU Audit Regulation (No. 537/2014, referred to subsequently as “EU Audit Regulation”) in compliance with German Generally Accepted Standards for Financial Statement Audits promulgated by the Institut der Wirtschaftsprüfer [Institute of Public Auditors in Germany] (IDW). Our responsibilities under those requirements and principles are further described in the "Auditor’s Responsibilities for the Audit of the Annual Financial Statements and of the Management Report" section of our auditor’s report. We are independent of the Company in accordance with the requirements of European law and German commercial and professional law, and we have fulfilled our other German professional responsibilities in accordance with these requirements. In addition, in accordance with Article 10 (2) point (f) of the EU Audit Regulation, we declare that we have not provided non-audit services prohibited under Article 5 (1) of the EU Audit Regulation. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions on the annual financial statements and on the management report.

Key Audit Matters in the Audit of the Annual Financial Statements

Key audit matters are those matters that, in our professional judgment, were of most significance in our audit of the annual financial statements for the financial year from 1 January to 31 December 2022. These matters were addressed in the context of our audit of the annual financial statements as a whole, and in forming our audit opinion thereon; we do not provide a separate audit opinion on these matters.

In our view, the matter of most significance in our audit was as follows:

❶ Measurement of shares in affiliated companies and receivables from affiliated companies as well as loans to affiliated companies

Our presentation of this key audit matter has been structured as follows:

① Matter and issue

② Audit approach and findings

③ Reference to further information

Hereinafter we present the key audit matter:

❶ **Measurement of shares in affiliated companies and receivables from affiliated companies as well as loans to affiliated companies**

① In the annual financial statements of the Company shares in affiliated companies amounting to € 224.0 million and loans to affiliated companies amounting to € 37.7 million are reported under the “Financial assets" balance sheet item. In addition, receivables from affiliated companies are reported in the amount of € 102.8 million. Together, the carrying amount of the total engagement amounts to € 364.5 million (92.9 % of total assets). Shares in affiliated companies, receivables from affiliated companies and loans to affiliated companies are measured in accordance with German commercial law at the lower of cost and fair value. The fair values are calculated based on the present values of the expected future cash flows according to the planning projections prepared by the executive directors using discounted cash flow models. Expectations relating to future market developments and assumptions about the development of macroeconomic factors are also taken into account. The discount rate used is the individually determined cost of capital for the relevant affiliated company. On the basis of the values determined and supplementary documentation, no write-downs were required for the financial year.

The outcome of this valuation is dependent to a large extent on the estimates made by the executive directors of the future cash flows, and on the respective discount rates and rates of growth used. The valuation is therefore subject to material uncertainties. Against this background and due to the highly complex nature of the valuation and its material significance for the Company's assets, liabilities and financial performance, this matter was of particular significance in the context of our audit.

② As part of our audit, we assessed the methodology used by the Company for the purposes of the valuation of shares in affiliated companies, receivables from affiliated companies and loans to affiliated companies. In particular, we assessed whether the fair values had been appropriately determined based on discounted cash flow models in compliance with the relevant measurement standards. We based our assessment, among other things, on a comparison with general and sector-specific market expectations as well as on the executive directors' detailed explanations regarding the key value drivers underlying the expected cash flows. In the knowledge that even relatively small changes in the discount rate and the rate of growth applied can have a material impact on the value of the entity calculated in this way, we focused our testing in particular on the parameters used to determine the discount rate applied, and assessed the calculation model. Finally, we evaluated whether the values calculated in this way were properly compared with the carrying amount in order to determine any need for write-downs or reversal of write-downs.

In our view, taking into consideration the information available, the valuation parameters and underlying assumptions used by the executive directors are appropriate overall for the purpose of appropriately measuring the shares in affiliated companies, receivables from affiliated companies and loans to affiliated companies.

③ The Company's disclosures relating to the financial assets and receivables from affiliated companies are contained in sections 1.1 and 2.1 of the notes to the financial statements.

Other Information

The executive directors are responsible for the other information. The other information comprises the following non-audited parts of the management report, which we obtained prior to the date of our auditor's report:

- the statement on corporate governance pursuant to § 289f HGB and § 315d HGB included in section "Declaration on Corporate Governance" of the management report
- the noninancial group statement to comply with §§ 315b to 315c HGB included in section "Sustainability Report 2022" of the management report
- the disclosures marked as unaudited in section “Internal Controll System (ICS)” of the management report

The other information comprises further all remaining parts of the publication “Annual Financial Statements as of December 31, 2022”, which are expected to be made available to us after the date of the auditor's report – excluding cross-references to external information – with the exception of the audited annual financial statements, the audited management report and our auditor's report.

Our audit opinions on the annual financial statements and on the management report do not cover the other information, and consequently we do not express an audit opinion or any other form of assurance conclusion thereon.

In connection with our audit, our responsibility is to read the other information mentioned above and, in so doing, to consider whether the other information

- is materially inconsistent with the annual financial statements, with the management report disclosures audited in terms of content or with our knowledge obtained in the audit, or
- otherwise appears to be materially misstated.

Responsibilities of the Executive Directors and the Supervisory Board for the Annual Financial Statements and the Management Report

The executive directors are responsible for the preparation of the annual financial statements that comply, in all material respects, with the requirements of German commercial law, and that the annual financial statements give a true and fair view of the assets, liabilities, financial position and financial performance of the Company in compliance with German Legally Required Accounting Principles. In addition, the executive directors are responsible for such internal control as they, in accordance with German Legally Required Accounting Principles, have determined necessary to enable the preparation of annual financial statements that are free from material misstatement, whether due to fraud (i.e., fraudulent financial reporting and misappropriation of assets) or error.

In preparing the annual financial statements, the executive directors are responsible for assessing the Company's ability to continue as a going concern. They also have the responsibility for disclosing, as applicable, matters related to going concern. In addition, they are responsible for financial reporting based on the going concern basis of accounting, provided no actual or legal circumstances conflict therewith.

Furthermore, the executive directors are responsible for the preparation of the management report that as a whole provides an appropriate view of the Company's position and is, in all material respects, consistent with the annual financial statements, complies with German legal requirements, and appropriately presents the opportunities and risks of future development. In addition, the executive directors are responsible for such arrangements and measures (systems) as they have considered necessary to enable the preparation of a management report that is in accordance with the applicable German legal requirements, and to be able to provide sufficient appropriate evidence for the assertions in the management report.

The supervisory board is responsible for overseeing the Company's financial reporting process for the preparation of the annual financial statements and of the management report.

The executive directors and the supervisory board are further responsible for the preparation of the remuneration report, including the related disclosures, which is included in a separate section of the management report and complies with the requirements of § 162 AktG. They are also responsible for such internal control as they determine is necessary to enable the preparation of a remuneration report, including the related disclosures, that is free from material misstatement, whether due to fraud or error.

Auditor's Responsibilities for the Audit of the Annual Financial Statements and of the Management Report

Our objectives are to obtain reasonable assurance about whether the annual financial statements as a whole are free from material misstatement, whether due to fraud or error, and whether the management report as a whole provides an appropriate view of the Company's position and, in all material respects, is consistent with the annual financial statements and the knowledge obtained in the audit, complies with the German legal requirements and appropriately presents the opportunities and risks of future development, as well as to issue an auditor's report that includes our audit opinions on the annual financial statements and on the management report.

Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with § 317 HGB and the EU Audit Regulation and in compliance with German Generally Accepted Standards for Financial Statement Audits promulgated by the Institut der Wirtschaftsprüfer (IDW) will always detect a material misstatement. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these annual financial statements and this management report.

We exercise professional judgment and maintain professional skepticism throughout the audit. We also:

- Identify and assess the risks of material misstatement of the annual financial statements and of the management report, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our audit opinions. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal controls.

- Obtain an understanding of internal control relevant to the audit of the annual financial statements and of arrangements and measures (systems) relevant to the audit of the management report in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an audit opinion on the effectiveness of these systems of the Company.

- Evaluate the appropriateness of accounting policies used by the executive directors and the reasonableness of estimates made by the executive directors and related disclosures.

- Conclude on the appropriateness of the executive directors' use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Company's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in the auditor's report to the related disclosures in the annual financial statements and in the management report or, if such disclosures are inadequate, to modify our respective audit opinions. Our conclusions are based on the audit evidence obtained up to the date of our auditor's report. However, future events or conditions may cause the Company to cease to be able to continue as a going concern.

- Evaluate the overall presentation, structure and content of the annual financial statements, including the disclosures, and whether the annual financial statements present the underlying transactions and events in a manner that the annual financial statements give a true and fair view of the assets, liabilities, financial position and financial performance of the Company in compliance with German Legally Required Accounting Principles.

- Evaluate the consistency of the management report with the annual financial statements, its conformity with German law, and the view of the Company's position it provides.

- Perform audit procedures on the prospective information presented by the executive directors in the management report. On the basis of sufficient appropriate audit evidence we evaluate, in particular, the significant assumptions used by the executive directors as a basis for the prospective information, and evaluate the proper derivation of the prospective information from these assumptions. We do not express a separate audit opinion on the prospective information and on the assumptions used as a basis. There is a substantial unavoidable risk that future events will differ materially from the prospective information.

We communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.

We also provide those charged with governance with a statement that we have complied with the relevant independence requirements, and communicate with them all relationships and other matters that may reasonably be thought to bear on our independence, and where applicable, actions taken to eliminate threats or safeguards applied.

From the matters communicated with those charged with governance, we determine those matters that were of most significance in the audit of the annual financial statements of the current period and are therefore the key audit matters. We describe these matters in our auditor's report unless law or regulation precludes public disclosure about the matter.

OTHER LEGAL AND REGULATORY REQUIREMENTS

Report on the Assurance on the Electronic Rendering of the Annual Financial Statements and the Management Report Prepared for Publication Purposes in Accordance with § 317 Abs. 3a HGB

Assurance Opinion

We have performed assurance work in accordance with § 317 Abs. 3a HGB to obtain reasonable assurance as to whether the rendering of the annual financial statements and the management report (hereinafter the "ESEF documents") contained in the electronic file Pfeiffer_Vacuum_Technology_AG_EA_LB_ESEF-2022-12-31.zip and prepared for publication purposes complies in all material respects with the requirements of § 328 Abs. 1 HGB for the electronic reporting format ("ESEF format"). In accordance with German legal requirements, this assurance work extends only to the conversion of the information contained in the annual financial statements and the management report into the ESEF format and therefore relates neither to the information contained within these renderings nor to any other information contained in the electronic file identified above.

In our opinion, the rendering of the annual financial statements and the management report contained in the electronic file identified above and prepared for publication purposes complies in all material respects with the requirements of § 328 Abs. 1 HGB for the electronic reporting format. Beyond this assurance opinion and our audit opinion on the accompanying annual financial statements and the accompanying management report for the financial year from 1 January to 31 December 2022 contained in the "Report on the Audit of the Annual Financial Statements and on the Management Report" above, we do not express any assurance opinion on the information contained within these renderings or on the other information contained in the electronic file identified above.

Basis for the Assurance Opinion

We conducted our assurance work on the rendering of the annual financial statements and the management report contained in the electronic file identified above in accordance with § 317 Abs. 3a HGB and the IDW Assurance Standard: Assurance Work on the Electronic Rendering, of Financial Statements and Management Reports, Prepared for Publication Purposes in Accordance with § 317 Abs. 3a HGB (IDW AsS 410 (06.2022)) and the International Standard on Assurance Engagements 3000 (Revised). Our responsibility in accordance therewith is further described in the "Auditor's Responsibilities for the Assurance Work on the ESEF Documents" section. Our audit firm applies the IDW Standard on Quality Management 1: Requirements for Quality Management in the Audit Firm (IDW QS 1).

Responsibilities of the Executive Directors and the Supervisory Board for the ESEF Documents

The executive directors of the Company are responsible for the preparation of the ESEF documents including the electronic renderings of the annual financial statements and the management report in accordance with § 328 Abs. 1 Satz 4 Nr. [number] 1 HGB.

In addition, the executive directors of the Company are responsible for such internal control as they have considered necessary to enable the preparation of ESEF documents that are free from material non-compliance with the requirements of § 328 Abs. 1 HGB for the electronic reporting format, whether due to fraud or error.

The supervisory board is responsible for overseeing the process for preparing the ESEF-documents as part of the financial reporting process.

Auditor's Responsibilities for the Assurance Work on the ESEF Documents

Our objective is to obtain reasonable assurance about whether the ESEF documents are free from material non-compliance with the requirements of § 328 Abs. 1 HGB, whether due to fraud or error. We exercise professional judgment and maintain professional skepticism throughout the assurance work. We also:

- Identify and assess the risks of material non-compliance with the requirements of § 328 Abs. 1 HGB, whether due to fraud or error, design and perform assurance procedures responsive to those risks, and obtain assurance evidence that is sufficient and appropriate to provide a basis for our assurance opinion.
- Obtain an understanding of internal control relevant to the assurance work on the ESEF documents in order to design assurance procedures that are appropriate in the circumstances, but not for the purpose of expressing an assurance opinion on the effectiveness of these controls.
- Evaluate the technical validity of the ESEF documents, i.e., whether the electronic file containing the ESEF documents meets the requirements of the Delegated Regulation (EU) 2019/815 in the version in force at the date of the annual financial statements on the technical specification for this electronic file.
- Evaluate whether the ESEF documents provide an XHTML rendering with content equivalent to the audited annual financial statements and to the audited management report.

Further Information pursuant to Article 10 of the EU Audit Regulation

We were elected as auditor by the annual general meeting on 19 May 2022. We were engaged by the supervisory board on 16 November 2022. We have been the auditor of the Pfeiffer Vacuum Technology AG, Aßlar, without interruption since the financial year 2018.

We declare that the audit opinions expressed in this auditor’s report are consistent with the additional report to the audit committee pursuant to Article 11 of the EU Audit Regulation (long-form audit report).

REFERENCE TO AN OTHER MATTER– USE OF THE AUDITOR'S REPORT

Our auditor's report must always be read together with the audited annual financial statements and the audited management report as well as the assured ESEF documents. The annual financial statements and the management report converted to the ESEF format – including the versions to be filed in the company register – are merely electronic renderings of the audited annual financial statements and the audited management report and do not take their place. In particular, the "Report on the Assurance on the Electronic Rendering of the Annual Financial Statements and the Management Report Prepared for Publication Purposes in Accordance with § 317 Abs. 3a HGB" and our assurance opinion contained therein are to be used solely together with the assured ESEF documents made available in electronic form.

GERMAN PUBLIC AUDITOR RESPONSIBLE FOR THE ENGAGEMENT

The German Public Auditor responsible for the engagement is Christian Kwasni.

Frankfurt am Main, March 6, 2023

PricewaterhouseCoopers GmbH
Wirtschaftsprüfungsgesellschaft

Christian Kwasni	ppa. Samuel Artzt
Wirtschaftsprüfer	Wirtschaftsprüfer
(German Public Auditor)	(German Public Auditor)

VIII. Certification of Legal Representatives 2022

To the best of our knowledge, and in accordance with the applicable reporting principles, the Annual Financial Statements give a true and fair view of the assets, liabilities, financial position and profit or loss of the Company, and the Company Management Report includes a fair review of the development and performance of the business and the position of the Company, together with a description of the principal opportunities and risks associated with the expected development of the Company.

Asslar, March 6, 2023

The Management Board

Dr. Britta Giesen Wolfgang Ehrk