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**INDEPENDENT
AUDITOR'S REPORT**

Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V., Berlin

BALANCE SHEET AS OF 31 DECEMBER 2018

ASSETS	EUR	EUR	EUR	31.12.2018 EUR	31.12.2017 TEUR
A. Fixed assets					
I. Intangible assets					
1. Purchased concessions, industrial property rights and similar rights and assets, as well as licences to such rights and assets		12,800,744.62			10,630
2. Prepayments made		1,014,758.06			2,067
			13,815,502.68		12,697
II. Tangible fixed assets					
1. Land, rights equivalent to land, and buildings including buildings on third-party land		1,267,744,627.06			1,323,119
2. Technical plant and machinery		528,304,702.73			535,077
3. Other plant, operating and office equipment		216,904,622.82			231,892
4. Prepayments made and plant under construction		177,671,294.94			147,559
			2,190,625,247.55		2,237,647
III. Financial assets					
1. Shares in affiliated companies		595,200.00			595
2. Participations		288,076.97			264
3. Investment securities		129,785,160.12			124,129
4. Other loans and shares		2,694,040.21			2,524
			133,362,477.30		127,512
				2,337,803,227.53	2,377,856
B. Current assets					
I. Inventories					
1. Research materials		10,007,458.91			9,704
2. Other materials		1,109,207.21			806
3. Work-in-progress		1,210.00			7
			11,117,876.12		10,517
II. Receivables and other assets					
1. Trade receivables		8,700,470.33			7,133
2. Receivables due from funding providers					
a) from institutional funding	127,355,556.39				165,580
b) from project funding	31,538,992.49				26,575
c) from compensation claims	629,354,421.68				573,981
		788,248,970.56			766,136
3. Receivables due from affiliated companies		7,811,069.79			485
4. Receivables due from companies in which an equity interest is held		36,811.69			73
5. Other assets		20,545,373.29			20,798
			825,342,695.66		794,625
III. Securities					
Shares in affiliated companies			27,000.00		0
IV. Cash in hand, bank balances and cheques			142,532,814.87		92,489
				979,020,386.65	897,631
C. Deferred expenses and accrued income				36,061,816.70	51,588
TOTAL				3,352,885,430.88	3,327,075
<i>for information purposes:</i>					
Trust assets				113,933,945.69	80,126

EQUITY AND LIABILITIES

	EUR	EUR	EUR	31.12.2018 EUR	31.12.2017 TEUR
A. Equity					
I. Association capital			145,166,698.85		143,907
II. Reserves for statutory purposes			24,413,908.81		22,296
III. Result carried forward			1,244,600.49		1,710
				170,825,208.15	167,913
B. Extraordinary item					
1. from subsidies for fixed assets			2,178,459,885.58		2,222,912
2. from subsidies for current assets			56,154,686.72		62,442
				2,234,614,572.30	2,285,354
C. Provisions					
1. Provisions for pensions and similar obligations			536,697,287.00		492,608
2. Tax provisions			0,00		0
3. Other provisions			87,992,745.67		74,200
				624,690,032.67	566,808
D. Liabilities					
1. Bank borrowings			582,585.83		599
2. Trade payables			54,612,940.15		74,332
3. Liabilities to funding providers					
a) from institutional funding		159,831,627.75			124,859
b) from project funding		75,047,040.22			77,596
			234,878,667.97		202,455
4. Liabilities due to affiliated companies			8,899,789.16		8,247
5. Liabilities due to companies in which an equity interest is held			21,777.00		0
6. Other liabilities			21,670,532.97		20,457
- of which from tax:		11,682,682.58			
		(31.12.2017: 11,277,130.16)			
- of which as part of social security:		2,072,389.53			
		(31.12.2017: 1,872,617.97)			
				320,666,293.08	306,090
E. Deferred income and accrued expenses				2,089,324.68	910
TOTAL				3,352,885,430.88	3,327,075
<i>for information purposes:</i>					
Trust liability				113,933,945.69	80,126

Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V., Berlin

STATEMENT OF PROFIT AND LOSS FOR THE 2018 FINANCIAL YEAR

	EUR	EUR	2018 EUR	Previous year TEUR
1. Subsidies from institutional funding				
1.1 Basic funding		1,785,329,448.20		1,736,815
1.2 Partial special funding		14,448,000.00		25,783
1.3 Special funding		3,813,573.80		4,090
1.4 Other partial special funding		1,804,096.00		1,765
			1,805,395,118.00	1,768,453
2. Changes in receivables due from funding providers deriving from compensation claims (increase/(-) decrease)			55,373,591.72	40,776
3. Own revenues and other income				
3.1 Income from research and development and from utilization of research facilities		2,071,613.82		2,051
3.2 Income from licence and know-how agreements		29,441,439.92		19,826
3.3 Income from infrastructure services and sales of materials		21,467,864.71		21,362
3.4 Rental and lease income		15,320,958.63		14,684
3.5 Income from fixed asset disposals		7,234,160.08		4,082
3.6 Increase /(-) decrease in work-in-progress		-1,592.60		-3
3.7 Other work performed by the enterprise and capitalized		7,646,567.66		8,456
3.8 Financial income, income from participating interests, interest income		5,014,534.57		4,868
3.9 Other operating income		191,678,174.16		286,488
			279,873,720.95	361,814
4. Subsidies from project funds			246,777,175.23	218,820
5. Income from the release of extraordinary items (loan repayment)			1,151,369.23	89
Carried forward			2,388,570,975.13	2,389,952

	EUR	EUR	2018 EUR	Previous year TEUR
Carried forward			2,388,570,975.13	2,389,952
6. Personnel expenses				
6.1 Wages and salaries		919,165,396.30		867,221
6.2 Social security contributions and expenses for pensions and benefits		261,627,475.02		245,198
- of which for pensions:	78,731,813.84 (Previous year: 74,157,665.47)			
			1,180,792,871.32	1,112,419
7. Costs of materials				
7.1 Expenses for raw materials, consumables and supplies, and for purchased goods		193,099,754.18		196,330
7.2 Expenses for purchased services		10,471,723.25		12,657
			203,571,477.43	208,987
8. Change in the extraordinary item for current assets (increase/(-) decrease)				
			-6,221,084.74	-8,338
9. Depreciation and amortization of intangible and tangible fixed assets				
9.1 Depreciation and amortization of intangible and tangible fixed assets		361,273,039.64		349,095
9.2 Income from release due to amortization and depreciation of extraordinary items for intangible and tangible fixed assets		360,291,774.26		348,119
			981,265.38	976
10. Other expenses				
10.1 Interest and similar expenses		17,195,068.02		17,480
- of which from the reversal of discounts to provisions:	17,192,093.57 (Previous year: 17,477,218.14)			
10.2 Other operating expenses		624,320,200.85		609,234
			641,515,268.87	626,714
11. Transfers and subsidies granted				
			41,584,560.70	43,928
12. Expenses from addition to the extraordinary item (subsidized investments)				
12.1 to finance intangible and tangible fixed assets		321,983,943.78		395,802
12.2 to finance financial assets and shares in spin-offs		1,450,687.95		660
			323,434,631.73	396,462
13. Annual result				
			2,911,984.44	8,804
14. Result carried forward from the previous year				
			1,709,537.24	1,876
15. Withdrawals from the association capital				
			452,476.29	505
16. Withdrawals from reserves for statutory purposes				
			2,871,574.40	1,835
17. Allocations to association capital				
			-1,711,855.05	-8,975
18. Allocations to reserves for statutory purposes				
			-4,989,116.83	-2,335
19. Result carried forward				
			1,244,600.49	1,710

Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V., Berlin

NOTES TO THE FINANCIAL STATEMENTS FOR THE 2018 FINANCIAL YEAR

of the Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V., Berlin
Register of Societies No. 13378 B, Berlin-Charlottenburg District Court

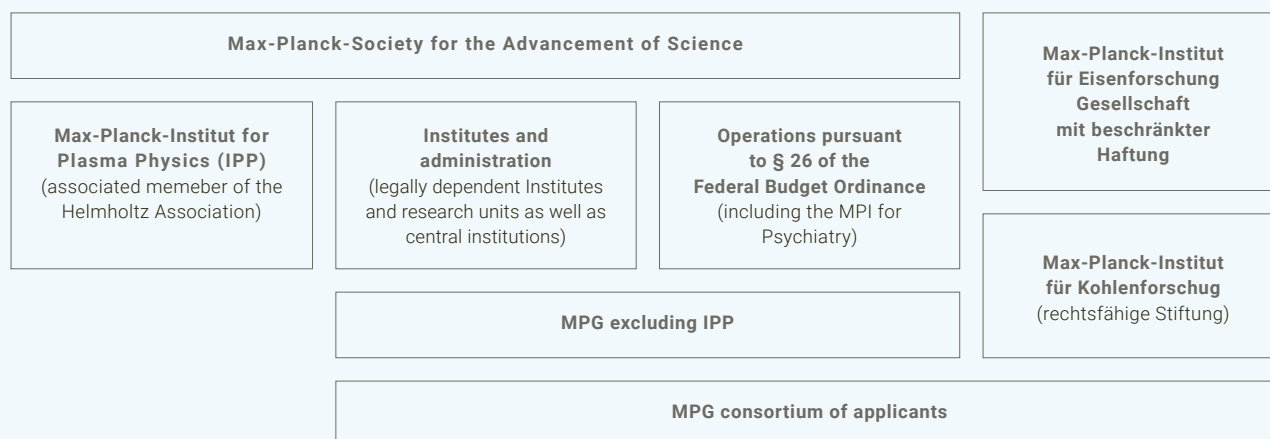
1. General information on the Annual Financial Statements

The annual financial statements of the Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V. (hereafter „MPG“) were prepared in analogous application of the regulations of the Third Book of the German Commercial Code (HGB) for large corporations with due consideration given to association law.

The annual financial statements of MPG include the following accounting entities:

- Legally dependent Institutes and research units as well as central institutions
- “Assets not publicly funded” (hereafter NÖV)
- Operations pursuant to § 26 of the Federal Budget Ordinance (BHO) (including the MPI for Psychiatry)
- Max Planck Institute for Plasma Physics (hereafter IPP)

Together with the legally independent Max Planck Institutes (the Max-Planck-Institut für Eisenforschung Gesellschaft mit beschränkter Haftung and the Max-Planck-Institut für Kohlenforschung (rechtsfähige Stiftung)), the MPG excluding IPP forms a consortium of applicants which is the recipient of joint institutional funding from the federal administration and federal states. The annual financial statements of the legally independent Institutes are not included in the annual financial statements of the MPG.



The “assets not publicly funded” represent assets belonging to the MPG made up of private third-party funds which are managed with due regard for intended purpose, tax regulations and public funding law. The MPG generates income from these assets, which is used for the promotion of research. In the explanations on individual items on the assets side of the balance sheet, the share of assets not publicly funded is identified by applying a further breakdown of figures.

Advantage was taken of the options afforded under § 265 paras. 5 to 7 HGB in order to reflect the particularities specific to the sector and legal form of MPG as a research facility, and to ensure a clear, transparent presentation. On the one hand, the designation and structure of the items of the balance sheet and of the statement of profit and loss were adjusted, and on the other, items in the profit and loss account were combined. In accordance with the budget of the MPG, scholarships for supported junior personnel are shown under personnel expenses.

2. Accounting Policies

Intangible and tangible fixed assets are measured at their costs of purchasing or manufacturing on the date of addition. For subsequent valuation, they are amortized and depreciated exclusively applying the straight-line method. For this purpose, the MPG applies a generalized useful life specific to asset class.

Low-value assets with costs of purchasing and manufacturing up to EUR 800 (net) inclusive are fully expensed in special accounts in the year of purchase.

Financial assets are recognized at purchase cost. Financial assets are written down to the lower of cost or fair value given prospectively permanent impairment.

The research materials shown under inventories and other materials are recognized at the lower of cost or fair value.

Work-in-progress includes work conducted by the MPI for Psychiatry – measured by the principles of the Hospitals Accounting Regulation (KHBV) – and by IPP – measured on the basis of unit costings which, as well as directly attributable costs of materials, wage costs and special costs, also including appropriate portions of production and materials overheads as well as the asset erosion of the utilized fixed assets.

Receivables and other assets are recognized at the lower of nominal or fair value. No generalized valuation allowances have been applied due to the minor portfolio of receivables, which is generally to be regarded as collectible.

Liquid funds are measured at nominal value.

Current bank balances denominated in foreign currencies were translated at the spot mid exchange rate on the balance sheet date in accordance with § 256a HGB.

Accruals and deferrals are formed in accordance with the principles of periodic allocation.

Equity is reported based on the IDW accounting standard “Accounting for associations” (IDW RS HFA 14).

The MPG receives funding from the public sector and other third parties. Where these have been used for the purchase or production of fixed assets requiring capitalization, they have been recognized as liabilities in the form of an extraordinary item from subsidies for fixed assets, and are not offset with costs of purchasing or manufacturing (gross method). This does not apply to assets of the NÖV.

Similarly, the extraordinary item from subsidies for current assets reflects the current assets financed through institutional or project funding.

Provisions are formed for all identifiable risks and contingent obligations, taking due account of the probable utilization at the settlement amount required on the basis of prudent commercial judgement. Future increases in prices and costs are taken into account if sufficient objective indications exist that they will occur. Provisions are discounted in accordance with § 253 para. 2 HGB if their residual term is more than one year, in other words, applying the average market interest rate corresponding to the residual term, derived in the case of pension provisions over the past ten financial years, and in the case of other provisions from the past seven financial years. Income or expenses resulting from changes in the discount rate, or the interest effects of a change in the estimate of the residual term, are shown in personnel expenses or in other operating expenses, depending on the provision type.

Pension provisions have been calculated based on an independent actuarial report in accordance with the accrued funding method, taking into account the 2018 G Mortality Tables of Prof. Dr. Heubeck. A trend of 1.50% (previous year 1.50%) was assumed for both salaries and pensions. The average market interest rate for the past ten years of 3.21% (previous year 3.68%) was applied for the discounting for a generalized residual term of 15 years. The discounting applying the average market interest rate for the past ten years generates a difference of EUR 56,339,369 compared with discounting applying the average market rate for the past seven years (2.32%).

Provisions for aid obligations have been calculated based on an independent actuarial report in accordance with the accrued funding method, taking into account the current probability tables (average insurance payout statistics [Kopfschadenstatistiken]) in private health insurance for 2017, as published by the German Federal Financial Supervisory Authority (BaFin), as well as the 2018 G Mortality Tables of Prof. Dr. Heubeck. This entailed taking as a basis an average market interest rate for the past seven years of 2.32% (previous year 2.80%) for a generalized residual term of 15 years and a benefit trend of 2.00% (previous year 2.00%).

The partial retirement provision was determined by means of an independent actuarial report taking into account the 2018 G Mortality Tables of Prof. Dr. Heubeck. As well as settlement arrears, the calculation includes the complete amounts above the current salary in existing partial retirement arrangements. The calculation was based on an average market interest rate from the last seven years of 0.87% corresponding to the residual term (previous year 1.30%), 1.11% for IPP (previous year 1.58%) as well as a salary trend of 1.50% (previous year 1.50%).

The anniversary obligation provision was determined by means of an independent actuarial report based on the projected unit credit method taking into account the 2018 Mortality Tables of Prof. Dr. Heubeck, an actuarial interest rate of 2.32% (previous year 2.80%) for a generalized residual term of 15 years, and a salary trend of 1.50% (previous year 1.50%).

Liabilities are recognized at their settlement amount.

Receivables and liabilities denominated in foreign currencies are translated on the balance sheet date at the spot mid exchange rate.

Trust assets essentially comprise trust-administered EU project funds. They are matched by corresponding trust liabilities.

The statement of profit and loss is complemented by a statement showing the application of results.

The income from licensing and know-how agreements derives from the utilization of patents and technologies by Max-Planck-Innovation GmbH. In addition to the income accrued for the financial year up to the preparation of the financial statements, this statement for the first time includes forecast income that is attributable to the financial year but will only be received in the course of the following year.

3. Explanations and notes to the balance sheet

3.1 Fixed assets

Changes in individual items of fixed assets are shown in the annex to the notes to the financial statements in the statement of changes in fixed assets.

Intangible assets

	31.12.2018 TEUR	<i>of which NÖV</i>	31.12.2017 TEUR
INTANGIBLE ASSETS			
Purchased concessions, industrial property rights and similar rights and assets, as well as licences to such rights and assets	12,801	24	10,630
Prepayments made	1,015	0	2,067
TOTAL	13,816	24	12,697

Intangible assets essentially comprise software licences.

The MPG does not make use of the capitalization option for internally generated intangible assets pursuant to § 248 para. 2 HGB.

Tangible fixed assets

	31.12.2018 TEUR	<i>of which NÖV</i>	31.12.2017 TEUR
TANGIBLE FIXED ASSETS			
Land, rights equivalent to land, and buildings including buildings on third-party land	1,267,745	25,580	1,323,119
Technical plant and machinery	528,305	0	535,077
Other plant, operating and office equipment	216,904	1,614	231,892
Prepayments made and plant under construction	177,671	0	147,559
TOTAL	2,190,625	27,194	2,237,647

The reduction in **land, rights equivalent to land, and buildings including buildings on third-party land** is due to the fact that the depreciation and amortization in the reporting year exceeded the capitalization of construction projects after completion. This applies in particular to the following significant construction projects:

	TEUR
MPI for Comparative Public Law and International Law, Heidelberg, extension	6,237
MPI for Intelligent Systems, Stuttgart, new Institute building in Tübingen	3,326
MPI for Biophysical Chemistry, Göttingen, newly built day care centre	2,850

The item **technical plant and machinery** comprises essentially the scientific equipment and devices as well as operating facilities (mainly fixed installations in laboratories, animal facilities and greenhouses), produced as part of the construction projects.

The item **other plant, operating and office equipment** is comprised as follows on the balance sheet date:

	31.12.2018 TEUR	31.12.2017 TEUR
Facility and IT equipment	173,474	187,722
Libraries	42,000	42,748
Vehicles	1,430	1,422
TOTAL	216,904	231,892

The increase in **prepayments made and plant under construction** is essentially the result of expenditure for construction projects before completion.

Financial assets

	31.12.2018 TEUR	<i>of which NÖV</i>	31.12.2017 TEUR
FINANCIAL ASSETS			
Shares in affiliated companies	595	526	595
Participations	288	238	264
Investment securities	129,785	129,785	124,129
Other loans and shares	2,694	933	2,524
TOTAL	133,362	131,482	127,512

There were no indications of prospectively permanent impairment as of the balance sheet date.

The reported participations serve the MPG as part of its statutory purpose to establish long-term science-driven cooperation.

Other loans and shares contain loans for housebuilding funding (family home loans) amounting to TEUR 2,671 as well as other loans (TEUR 23).

An overview of shareholdings can be found in note 5 Other disclosures of these notes to the financial statements.

3.2 Current assets

Inventories

Inventories comprise assets which are not serving operations on a continuing basis and are purchased for consumption. As the MPG conducts basic research, instead of the raw materials, consumables and supplies closely associated with production manufacturing, the materials required for research are reported and divided as follows within inventories:

	31.12.2018 TEUR	of which NÖV	31.12.2017 TEUR
INVENTORIES			
Research materials	10,008	0	9,704
Other materials	1,109	31	806
Work-in-progress	1	0	7
TOTAL	11,118	31	10,517

Receivables and other assets

	31.12.2018 TEUR	of which NÖV	31.12.2017 TEUR
RECEIVABLES AND OTHER ASSETS			
Trade receivables	8,700	116	7,133
Receivables due from funding providers	788,249	0	766,136
Receivables due from affiliated companies	7,811	0	485
Receivables due from companies in which an equity interest is held	37	0	73
Other assets	20,545	8,858	20,798
TOTAL	825,342	8,974	794,625

Trade receivables relate in an amount of TEUR 5,576 (31 December 2017: TEUR 5,089) to receivables from hospital services of the MPI for Psychiatry.

	31.12.2018 TEUR	31.12.2017 TEUR
Receivables due from funding providers		
from institutional funding	127,356	165,580
from project funding	31,539	26,575
from compensation claims	629,354	573,981
TOTAL	788,249	766,136

Receivables due from funding providers from institutional funding essentially represent receivables for approved funding in the reporting year whose multi-year availability is established by the budget instrument of funds managed under own responsibility (Selbstbewirtschaftung). In relation to accounts managed under own responsibility for the federal administration and its federal states, an amount of TEUR 114,909, of which TEUR 4,720 for IPP (previous year TEUR 152,961, of which TEUR 990 for IPP), was held as of the reporting date. Also shown here are claims to additional payments from federal states resulting from the final calculation by the MPG of fund distribution, which in principle are to be paid in the third year following billing (TEUR 12,346); of this amount, TEUR 6,326 (previous year TEUR 6,020) has a residual term of over one year.

Receivables **due from funding providers from project funding** include project funding expenditure covered by funding approval letters from third-party funding bodies if the third-party funds have not yet been received

Receivables due from funding providers from compensation claims form the counterpart, in principle, to obligations entered into on the basis of a funding relationship and not covered by funds in the current financial year (No. 4 (2) of the Management Principles for the MPG (BewGr-MPG)). They are comprised as follows as on the reporting date:

	TEUR
MPG excluding IPP	598,647
IPP	30,707

The compensation receivable for the MPG excluding IPP corresponds to the level of the provisions (excluding NÖV). Due to the fact that it belongs to the Helmholtz Association, IPP's compensation receivable is recognized in accordance with the special accounting rules in place for member institutions of the Helmholtz Association.

Of the compensation claims, a total of TEUR 546,448 (previous year TEUR 502,422) have a residual term of over one year.

Receivables due from affiliated companies relate mainly to receivables due from Max-Planck-Innovation GmbH deriving from licence income.

As of the balance sheet date, **other assets** include:

	TEUR
Claims from legacies (NÖV)	6,158
VAT receivables due from tax authorities	4,489
Receivables from investment securities (NÖV)	1,684
Shares in spin-offs held-for-disposal	960

Spin-offs are companies established to convert a technology or scientific know-how developed at a Max Planck Institute into products and services, among other objectives. Equity interests in spin-offs are held on the basis of guidelines for research facilities to participate in spin-offs for the purpose of the transfer of knowledge and technology published by the Federal Ministry of Education and Research.

The shares in spin-offs held for sale were written down in the reporting year to their lower of cost or fair value of TEUR 1.

Securities

	31.12.2018 TEUR	<i>of which NÖV</i>	31.12.2017 TEUR
SECURITIES			
Shares in affiliated companies	27	0	0

The shares in affiliated companies are held for the newly founded MPDL Services GmbH, München.

Cash in hand, bank balances and cheques

	31.12.2018 TEUR	<i>of which NÖV</i>	31.12.2017 TEUR
Cash in hand, bank balances and cheques	142,533	4,528	92,489

As of the reporting date, the liquid funds position contains unutilized budget funds from institutional funding whose multi-year availability is established by other budget instruments outside of funds managed under own responsibility (Selbstbewirtschaftung), as well as funds from project funding which can also be transferred to the following year.

3.3 Deferred expenses and accrued income

	31.12.2018 TEUR	<i>of which NÖV</i>	31.12.2017 TEUR
Deferred expenses and accrued income	36,062	15	51,588

Deferred expenses and accrued income contain expenditure before the balance sheet date which will only be recognized after that date. This item mainly contains prepayments of licensing fees and usage fees for (online) media. Salary payments of TEUR 6,170 for January 2019 are included, which are due on 1 January 2019.

3.4 Trust assets

The trust assets include TEUR 112,747 of trust-administered EU project funds, of which TEUR 68,512 are attributable to IPP.

3.5 Equity

	31.12.2018 TEUR	31.12.2017 TEUR
EQUITY		
Association capital	145,166	143,907
Reserves for statutory purposes	24,414	22,296
Result carried forward	1,245	1,710
TOTAL	170,825	167,913

Equity is entirely accounted for by NÖV. Equity is reported with due consideration given to funding provider requirements and reflecting tax law regulations. Regarding the reserves, the specifications contained in the regulations of the German Fiscal Code (AO) have been implemented. The equity has increased by the annual result of TEUR 2,912.

Apart from NÖV, the annual financial statements of the MPG close without net profit or net loss for the year.

3.6 Extraordinary item

The extraordinary item is comprised as follows:

	31.12.2018 TEUR	31.12.2017 TEUR
SPECIAL ITEMS		
from subsidies for fixed assets	2,178,460	2,222,912
from subsidies for current assets	56,155	62,442
TOTAL	2,234,615	2,285,354

The **extraordinary item from subsidies for fixed assets** reflects the fixed assets funded by public sector subsidies and subsidies from other third parties. Accordingly, no extraordinary item was formed for NÖV fixed assets and for an inheritable building right at the MPI for Psychiatry (TEUR 643), which is matched by a long-term liability. This results in the following table of extraordinary items and fixed assets as of the closing date:

	Fixed assets covered by extraordinary items		Fixed assets not covered by extraordinary items		Total fixed assets
	TEUR	NÖV TEUR	MPI für Psychiatrie TEUR	TEUR	
Intangible assets	13,792	24	0	13,816	
Tangible fixed assets	2,162,788	27,194	643	2,190,625	
Financial assets	1,880	131,482	0	133,362	
TOTAL	2,178,460	158,700	643	2,337,803	

The **extraordinary item from subsidies for current assets** reflects the current assets financed through institutional or project funding.

3.7 Provisions

Provisions for pensions and similar obligations are comprised as follows:

	1.1.2018 TEUR	Consumption TEUR	Release TEUR	Reversal of discount TEUR	Addition TEUR	31.12.2018 TEUR
PROVISIONS FOR PENSIONS AND SIMILAR OBLIGATIONS						
Pension obligations	414,642	-18,723	-6,807	14,914	43,369	447,395
Aid obligations	77,966	-2,677	-1,967	2,146	13,834	89,302
TOTAL	492,608	-21,400	-8,774	17,060	57,203	536,697

Provisions for pensions and similar obligations are formed for benefit claims and entitlements for aid resulting from employment contracts similar to civil service contracts which may be concluded under the conditions pertaining to the Annex to No. 8 (1) BewGr-MPG. A total of 1,282 (previous year 1,252) entitled persons, of whom 660 active (previous year 654), are included in the provision for pension obligations as of the reporting date, and a total of 887 (previous year 879) entitled persons, of whom 464 active (previous year 468), are included in the provision for aid obligations. The interest expense shown derives from reversing the discount to the obligation at the beginning of the period applying the interest rate defined at this time, taking into consideration the interest portion of the pensions or aid paid to the beneficiaries in the reporting year. Besides this interest effect, the increase in provisions for pensions and similar obligations results principally from the reduction in the actuarial interest rate on which the calculation is to be based, pursuant to § 253 para. 2 HGB.

The difference between discounting applying the average market interest rate for the past ten years and discounting applying the average market interest rate for the past seven years amounts to TEUR 56,339 for the provisions for pension obligations as of the reporting date.

The formation of **tax provisions** was not required as of the balance sheet date.

Other provisions are comprised as follows:

	1.1.2018 TEUR	Consumption TEUR	Release TEUR	Reversal of discount TEUR	Addition TEUR	31.12.2018 TEUR
OTHER PROVISIONS						
Remaining vacation	36,543	-36,543	0	0	42,389	42,389
Invoices outstanding	15,529	-15,525	-4	0	20,846	20,846
Partial retirement arrangements	5,205	-2,705	0	58	2,393	4,951
Overtime/time credits	5,087	-2,558	0	0	3,044	5,573
Travel costs not yet invoiced	2,583	-2,186	0	0	2,525	2,922
Archiving costs	2,746	0	0	0	17	2,763
Service anniversaries	1,864	-125	0	45	253	2,037
Legal costs	1,910	-45	-98	0	320	2,087
Miscellaneous other provisions	2,733	-799	-285	29	2,747	4,425
TOTAL	74,200	-60,486	-387	132	74,534	87,993

Besides short-term flexi-time credits, provisions for overtime/time credits also include longer-term working time accounts in an amount of TEUR 2,331.

3.8 Liabilities

	31.12.2018 TEUR	31.12.2017 TEUR
LIABILITIES		
Bank borrowings	582	599
Trade payables	54,613	74,332
Liabilities to funding providers	234,879	202,455
Liabilities due to affiliated companies	8,900	8,247
Liabilities due to companies in which an equity interest is held	22	0
Other liabilities	21,670	20,457
TOTAL	320,666	306,090

Bank borrowings relate entirely to NÖV.

Trade payables mainly contain typical liabilities from supplies and services. They also include warranty retentions of TEUR 668 (previous year TEUR 773).

	31.12.2018 TEUR	31.12.2017 TEUR
LIABILITIES TO FUNDING PROVIDERS		
from institutional funding	159,832	124,859
from project funding	75,047	77,596
TOTAL	234,879	202,455

Pursuant to No. 5 of the Management Principles for the MPG (BewGr-MPG), the multi-year availability of funding from institutional funding providers can be established by means of funds managed under own responsibility (Selbstbewirtschaftung) or by another budget instrument. These multi-year available funds are shown on the balance sheet **liabilities to funding providers from institutional funding**. The balance of approved subsidies, own revenues and other income as well as expenditure in the reporting year is shown. The increase reflects the rise in multi-year available funds.

Also shown here are TEUR 16,569 of reimbursement claims of federal states resulting from the MPG's final calculation of fund distribution which in principle are to be paid in the third year following billing; TEUR 9,594 of this amount has a residual term of over one year.

Liabilities to funding providers from project funding essentially contain the funds available for the following year as the balance of third-party funding subsidies received, own revenues and other income, and expenses in the reporting year.

Liabilities due to affiliated companies relate to the Max-Planck-Institut für Eisenforschung GmbH in the framework of funding not yet called off as part of the consortium of applicants in 2018.

Other liabilities contain liabilities towards tax authorities resulting from income tax in the amount of TEUR 11,683 as of the balance sheet date.

The following **statement of liabilities** shows the residual terms of individual liability items (previous-year data in parentheses):

	31.12.2018 TEUR	Residual term up to 1 year TEUR	Residual term 1 to 5 years TEUR	Residual term more than 5 years TEUR
Bank borrowings	582 (599)	16 (16)	67 (67)	499 (516)
Trade payables	54,613 (74,332)	54,592 (74,299)	21 (33)	0 (0)
Liabilities to funding providers	234,879 (202,455)	225,285 (195,340)	9,594 (7,115)	0 (0)
Liabilities due to affiliated companies	8,900 (8,247)	8,900 (8,247)	0 (0)	0 (0)
Liabilities due to companies in which an equity interest is held	22 (0)	22 (0)	0 (0)	0 (0)
Other liabilities	21,670 (20,457)	20,979 (19,687)	301 (298)	390 (472)
TOTAL	320,666 (306,090)	309,794 (297,589)	9,983 (7,513)	889 (988)

The liabilities are not secured through rights of lien or similar rights.

3.9 Deferred income and accrued expenses

	31.12.2018 TEUR	31.12.2017 TEUR
Deferred income and accrued expenses	2,089	910

Deferred income and accrued expenses contains revenues received before the balance sheet date which will only be recognized in profit or loss after that date. A total of TEUR 1,698 of the deferred income and accrued expenses is attributable to the IPP.

4. Explanations to the statement of profit and loss

Subsidies from institutional funding

The subsidies from institutional funding TEUR 1,805,395 (previous year TEUR 1,768,453) are comprised as follows in the reporting year:

	2018 MPG excl. IPP TEUR	2018 IPP TEUR	2018 MPG TEUR	2017 MPG TEUR
SUBSIDIES FROM INSTITUTIONAL FUNDING				
Basic funding	1,676,813	108,516	1,785,329	1,736,815
<i>of which from federal government</i>	909,568	97,664	1,007,232	957,660
<i>of which from federal states</i>	767,245	10,852	778,097	779,155
Partial special funding	14,448	0	14,448	25,783
<i>of which from federal government</i>	0	0	0	0
<i>of which from federal states</i>	14,448	0	14,448	25,783
Special funding	3,814	0	3,814	4,090
<i>of which from federal government</i>	0	0	0	0
<i>of which from federal states</i>	3,814	0	3,814	4,090
Other partial special funding	1,804	0	1,804	1,765
TOTAL	1,696,879	108,516	1,805,395	1,768,453

The federal government and the federal states provide on a 50:50 basis the financial funding in the basic funding of the MPG excluding IPP. This increased by 3% in 2018 in accordance with the agreement of the Joint Initiative for Research and Innovation III. The federal government bore this rise alone, also in accordance with the Joint Initiative agreement.

Other **partial special funding** relates to a subsidy from the Netherlands for the MPI for Psycholinguistics, Nijmegen.

Changes in receivables due from funding providers deriving from compensation claims

The change in receivables due from funding providers deriving from compensation claims of TEUR 55,374 (previous year TEUR 40,776) is comprised as follows:

	2018 TEUR	2017 TEUR
CHANGES IN RECEIVABLES DUE FROM FUNDING PROVIDERS DERIVING FROM COMPENSATION CLAIMS		
MPG excluding IPP	55,002	37,543
IPP	372	3,233

With reference to MPG excluding IPP this item results from changes to provisions (excluding NÖV).

Own revenues and other income

Own revenues and other income of TEUR 279,874 (previous year TEUR 361,814) are comprised as follows:

	2018 TEUR	2017 TEUR
OWN REVENUES AND OTHER INCOME		
Income from research and development, and from utilization of research facilities	2,072	2,051
Income from licence and know-how agreements	29,441	19,826
Income from infrastructure services and sales of materials	21,468	21,362
Rental and lease income	15,321	14,684
Income from fixed asset disposals	7,234	4,082
Increase / (-) decrease in work-in-progress	-2	-3
Other work performed by the enterprise and capitalized	7,647	8,456
Financial income, income from participating interests, interest income	5,015	4,868
Other operating income	191,678	286,488
<i>containing</i>		
<i>Income relating to another accounting period</i>	2,797	2,727
<i>Other income</i>	29,724	35,124
<i>Release of multi-year available funds</i>	159,157	248,637

Income from licence and know-how agreements originated from the utilization of the MPG's intangible invention assets by Max-Planck-Innovation GmbH and from the disposal of shares in technology transfer spin-offs. The income from the utilization of the MPG's intangible invention assets includes, in addition to the income received up to the preparation of the financial statements, forecast income (EUR 7,289 thousand) for the first time, which is attributable to the financial year but will only be received in the course of the following year.

Income from infrastructure services and sales of materials consists mainly of revenues generated by the MPI for Psychiatry from hospital services.

Rental and lease income results mainly from letting guest apartments and guest rooms. It also contains NÖV income (including the conference venues Schloss Ringberg and Harnack-Haus) in the amount of TEUR 4,377 (previous year TEUR 3,676).

Expenditure arising from the disposal of fixed assets (for subsidy-financed fixed assets) is offset by the same amount of income resulting from the release of the extraordinary item from subsidies for fixed assets, and is shown in **income from fixed asset disposals**.

The **increase/decrease in work-in-progress** relates solely to the MPI for Psychiatry.

Of the **other work performed by the enterprise and capitalized** an amount of TEUR 4,818 is attributable to the IPP (previous year TEUR 6,184).

Financial income, income from participating interests, interest income contains income from securities recognized in NÖV, amounting to TEUR 4,834 (previous year TEUR 4,487).

Income relating to another accounting period includes income from subsequent capitalizations in an amount of TEUR 1,843.

Other income contains income from the release of provisions amounting to TEUR 9,161 (previous year TEUR 12,105).

Multi-year available funds from institutional funding as well as from project funding in the current year are expensed as a liability to funding providers, and released in the following year as income in the same amount. The **release of multi-year available funds** (from 2017) relates only to MPG excluding IPP, and is comprised as follows:

	TEUR
RELEASE OF MULTI-YEAR AVAILABLE FUNDS	
Basic funding	105,742
Special funding	4,341
Project funding	49,011
Undisbursed funds for operations pursuant to § 26 of the Federal Budget Ordinance (BHO) including MPI for Psychiatry	63
TOTAL	159,157

Subsidies from project funds

IPP accounts for TEUR 30,848 (previous year TEUR 1,699) of the TEUR 246,777 subsidies from project funds (previous year TEUR 218,820).

Income from the release of extraordinary items (loan repayment)

This item (TEUR 1,151, previous year TEUR 89) contains the income from the release of the extraordinary item from subsidies for fixed assets arising from redemption payment of family home loans.

Personnel expenses

Personnel expenses contain expenses for the support of junior scientists amounting to TEUR 255, 566. Scholarship holders account for TEUR 25,648 (previous year TEUR 38,271). The continuing reduction in 2018 in expenses for scholarship holders arises from the realignment of funding structures for junior scientists in the MPG, which was started in mid-2015, and the related conversion of scholarships to funding contracts.

Social security contributions and expenses for pensions and benefits (TEUR 261,628, previous year TEUR 245,198) includes the balance from the addition to, and consumption of, provisions for pension obligations in an amount of TEUR 24,646 (previous year TEUR 19,085) and for aid obligations in an amount of TEUR 11,157 (previous year TEUR 11,905). Expenses for aid payments were incurred in a total of TEUR 4,398 (previous year TEUR 4,603) and for childcare costs in an amount of TEUR 1,313 (previous year TEUR 1,682).

Costs of materials

Expenses for raw materials, consumables and supplies, and for purchased goods of TEUR 193,100 (previous year TEUR 196,330) mainly contain expenses for research materials of TEUR 108,188 (previous year TEUR 111,064) and expenses for power and water supplies amounting to TEUR 81,043 (previous year TEUR 81,349).

Expenses for purchased services of TEUR 10,471 (previous year TEUR 12,657) chiefly represent expenses for awarding external research contracts in the area of third-party funding.

Change in the extraordinary item for current assets

The reduction in the extraordinary item for current assets in an amount of TEUR 6,221 is composed of:

- the decrease in the extraordinary item recognized on the balance sheet for current assets (TEUR 6,287),
- less the effects from value adjustments to shares in spin-offs and current asset securities (TEUR 66).

Depreciation and amortization of intangible and tangible fixed assets

Since fixed assets are shown by the gross method, which necessitates showing depreciation and amortization as an expense item in the statement of profit and loss, an amount corresponding to the depreciation and amortization (TEUR 361,273, previous year TEUR 349,095) is released from the extraordinary item of subsidies to fixed assets (TEUR 360,292, previous year TEUR 348,119) without affecting the annual result (for the subsidy-financed fixed assets). The difference corresponds to the depreciation and amortization of the fixed assets not covered by extraordinary items relating to NÖV and MPI for Psychiatry.

Extraordinary write-downs on tangible fixed assets were recognized in the amount of TEUR 26 (previous year TEUR 6).

Other expenses

Interest and similar expenses (TEUR 17,195, previous year TEUR 17,480) consist almost entirely of interest expenses arising from the reversal of discounts to provisions (TEUR 17,192, previous year TEUR 17,477).

Other operating expenses of TEUR 624,320 (previous year TEUR 609,234) are comprised as follows:

	2018 TEUR	2017 TEUR
OTHER OPERATING EXPENSES		
Management of land and buildings	168,824	170,631
Libraries	20,435	21,429
Other research expenses of which:	114,763	113,068
<i>Travel costs</i>	38,636	36,385
<i>Conferences, advanced training</i>	19,154	18,322
<i>Publications, public relations</i>	8,814	7,923
<i>Other expenses for science and research purposes</i>	48,159	50,438
Business requirements	75,391	67,806
Auditing and advisory costs	22,531	19,826
Further other expenses	42,502	57,317
Expenses from allocation to multi-year available funds	179,874	159,157

The **expenses for allocation to multi-year available funds** are attributable to the MPG excluding IPP and represent the balance of subsidy-financed income and expenses in the statement of profit and loss. They are comprised as follows:

	TEUR
EXPENSES FOR ALLOCATION TO MULTI-YEAR AVAILABLE FUNDS	
Basic funding	131,875
Special funding	2,582
Project funding	41,927
Undisbursed funds for operations pursuant to § 26 of the Federal Budget Ordinance (BHO) including MPI for Psychiatry	3,490
TOTAL	179,874

Other operating expenses also contain the taxes on income amounting to TEUR 52 incurred through taxable commercial business operations.

Transfers and subsidies granted

The MPG is authorized to transfer funding provided to it to various final recipients as a non-repayable subsidy.

Funding was transferred as follows in the reporting year:

	2018 TEUR	2017 TEUR
TRANSFERS AND SUBSIDIES GRANTED		
For institutional funding, MPG excluding IPP		
to institutions within Germany	9,255	6,576
to institutions abroad	22,002	25,887
For project funding, MPG excluding IPP		
in Germany	2,246	2,543
abroad	4,763	4,917
For the transfer of personnel due to closures/partial closures, MPG excluding IPP	153	839
Transferred IPP subsidies	3,166	3,166
TOTAL	41,585	43,928
<i>for information purposes: subsidies granted to internal institutions</i>	<i>29,772</i>	<i>26,489</i>

The subsidies granted to internal institutions were consolidated in the annual financial statements.

Expense from addition to the extraordinary item (subsidized investments)

Expenses from addition to the extraordinary item to finance intangible and tangible fixed assets (TEUR 321,984, previous year TEUR 395,802) represent the subsidized investments in these assets. They correlate in their entirety with the additions in the reporting year in accordance with the statement of changes in fixed assets (TEUR 320,190). The difference consists, firstly, of the investments of NÖV (TEUR 47). Secondly, expenses from the addition to the extraordinary item to finance intangible and tangible fixed assets include subsequent capitalizations of the current year at their book value (TEUR 1,841), which are presented openly in separate columns in the statement of changes in fixed assets.

Expenses from addition to the extraordinary item to finance financial assets and shares in spin-offs (TEUR 1,451, previous year TEUR 660) are composed of expenses for the acquisition of shares in spin-offs and in the MPDL Services GmbH amounting to a total of TEUR 30 as well as of changes to the extraordinary item from the write-up applied to low-interest loans amounting to TEUR 1,421. The matching income from the write-up is shown in the item "other income" under other operating income.

5. Other disclosures

Contingent liabilities and other financial obligations

No risks existed from off-balance sheet transactions as defined by § 285 No. 3 HGB or contingent liabilities pursuant to § 251 HGB as of the balance sheet date.

Regarding the Max Planck Digital Library, obligations arise of around EUR 165.9 million in the period covered by the medium-term budgetary accounting (2019 to 2023) for the MPG-wide basic supply of software and online services as well as literature. The licence contracts required for this purpose are of different durations.

Other financial obligations of around EUR 216.8 million also result from the perspective of the medium-term budgetary accounting of the MPG from the pro rata funding of jointly maintained institutions or joint ventures during scientific collaborations. In particular, this relates to: Deutsches Klimarechenzentrum GmbH, Gesellschaft für wissenschaftliche Datenverarbeitung mbH Göttingen, Institut de Radio Astronomie Millimétrique, Large Binocular Telescope and the Max Planck Florida Institute for Neuroscience.

The MPG appoints its top scientists for life and undertakes as part of the appointment to provide its scientists with funds for their basic scientific equipment. The announced call for these funds will result in possible obligations of around EUR 125.6 million within the timeframe of the medium-term budgetary accounting.

As of 31 December 2018, total construction costs budgeted but not yet disbursed amount to around EUR 561.9 million for major construction projects already commenced by Institutes and facilities.

Order obligations aside from construction projects total around EUR 59.1 million as of 31 December 2018.

Employees

The MPG employed an average of 19,514 staff during the financial year:

	Number 2018	Number Previous year
Scientists	6,675	6,513
Doctoral students with funding contracts	2,930	2,553
Non-scientific staff	8,275	8,218
Student and graduate assistants	1,634	1,617
EMPLOYEES (excluding trainees and interns)	19,514	18,901
<i>For information purposes: Scholarship holders</i>	<i>883</i>	<i>1,349</i>

Participations

The MPG holds shares in other companies or major international projects in order to exploit synergy effects for scientific assignments to the best possible long-term advantage.

As of 31 December 2018, the following shareholdings existed:

Name	Registered seat	Purpose	Share in the capital	Book value as of 31 December 2018 EUR
SHARES IN AFFILIATED COMPANIES				
Max-Planck-Innovation GmbH	Munich	The company manages and exploits intangible invention assets owned by the Max Planck Society.	100 %	500,000
Minerva Stiftung Gesellschaft für die Forschung mbH	Munich	The purpose of the (non-profit) company is to fund science and research, on the one hand by providing financial support for research projects at home and abroad, and on the other by operating funding programmes, principally in Israel.	100 %	26,000
Max-Planck-Stiftung für Internationalen Frieden und Rechtsstaatlichkeit gemeinnützige GmbH	Heidelberg	The purpose of the company is the advancement of science and research, the international ethos of tolerance and the concept of international understanding, development cooperation, public and professional education as well as democracy as a political system.	100 %	25,000
Deutsches Klimarechenzentrum GmbH	Hamburg	The object and purpose of the (non-profit) company is the promotion of basic research and applied research in climatology and the disciplines immediately related to climatology. The purpose is achieved in particular through the expansion and operation of a climate computing centre.	54,5 %	31,200
Max-Planck-Institut für Eisenforschung Gesellschaft mit beschränkter Haftung	Düsseldorf	This (non-profit) company conducts basic research in the field of iron, steel and related materials.	50 %	13,000

Name	Registered seat	Purpose	Share in the capital	Book value as of 31 December 2018 EUR
PARTICIPATIONS				
Gesellschaft für wissenschaftliche Datenverarbeitung mbH Göttingen	Göttingen	This (non-profit) company promotes science and research. It fulfils the function of a computing and competence centre for the MPG and a university computing centre for the University of Göttingen.	50 %	26,000
Max Planck Graduate Center mit der Johannes Gutenberg-Universität Mainz GmbH	Mainz	The object of the (non-profit) company is the advancement of science and research, in particular by means of interdisciplinary teaching and doctoral programmes for junior scientists.	50 %	12,500
UltraFast Innovations GmbH	Garching	The object of the company is to develop and produce special mirror optics and filters with tailor-made properties for laser applications, as well as laser systems and measurement equipment in which these optics are used.	50 %	12,500
Institut de Radio Astronomie Millimétrique	Grenoble / France	The object is the joint operation of two observation stations on Loma de Dilar (30-metre telescope) in Spain and on the Plateau de Bure (interferometer with seven 15-metre telescopes) in France as well as a science laboratory in Grenoble, France.	47 %	716.75
EuResist Network GEIE	Rome / Italy	European Economic Interest Grouping, founded as part of the 7th EU research framework programme for the "CHAIN – Collaborative HIV and Anti-HIV Drug Resistance Network" project.	20 %	3,100.22
Wissenschaft im Dialog gGmbH	Berlin	The object of the company is to promote dialogue between science and society with special regard to the latest public forms of communication, to promote understanding between science, research and the public, information on the methods and processes of scientific research as well as to emphasize the mutual interactions and dependencies of science, business and society.	8.33 %	5,000
Schloss Dagstuhl - Leibniz Zentrum für Informatik Gesellschaft mit beschränkter Haftung	Wadern	As an international meeting point and research centre for computer science, the task of this (non-profit) company is to conduct scientific computer science conferences.	7.7 %	5,200

Name	Registered seat	Purpose	Share in the capital	Book value as of 31 December 2018 EUR
Cherenkov Telescope Array Observatory gemeinnützige GmbH	Heidelberg	The company is responsible for: - developing the planning and preparing the realization of the CTAO Facility as well as the development of the founding accord for the construction and Operation of the CTAO Facility - selecting and equipping the telescope locations - planning and development as well as construction and operation of prototype telescopes and related instruments and infrastructure for test purposes - preparation of programmes for scientific research conducted in the CTAO Facility.	5 %	1,250
FIZ Karlsruhe – Leibniz Institut für Informationsinfrastruktur GmbH	Eggenstein-Leopoldshafen	The task of this (non-profit) company is to provide science and research with scientific information, develop corresponding products and services in the field of scientific information infrastructure and to make them publicly accessible.	3,26 %	1,560
LSI Pre-Seed-Fonds GmbH	Bonn	LSI PSF GmbH operates together with Life Science Inkubator GmbH & Co. KG (management company Life Science Inkubator GmbH is a wholly-owned subsidiary of Max-Planck Innovation GmbH) an incubator for researchers from German universities and research facilities interested in founding their own company.	1.5 %	220,000
Futurium gGmbH (formerly Haus der Zukunft gGmbH)	Berlin	The company's purpose is to operate the Futurium as a location for presentations and dialog for science, research and development. Exhibitions and events are to make future-oriented scientific and technical developments of national and international significance visible, and present them for discussion.	1 %	250

No details are given of these companies' equity or their results in the last financial year due to their subordinate significance in accordance with § 286 para. 3 sentence 1 No. 1 HGB.

The MPG refrains from preparing consolidated financial statements in the meaning of No. 14 (1) of the Management Principles for the MPG (BewGr-MPG), as the participations reported under the balance sheet item "shares in affiliated companies" are of subordinate significance, both individually as well as together, for the net assets, financial position and results of operations of the MPG.

MPG Bodies in their tasks

The MPG Statutes specify the following bodies:

- the President,
- the Executive Committee,
- the Senate,
- the General Meeting,
- the Scientific Council and its Sections

The **President** represents the Max Planck Society, drafts the outlines of its science policy, and works to ensure trustful collaboration within the Max Planck Society. The President chairs the Senate, Executive Committee and General Meeting. In cases that cannot be deferred, the President may make decisions falling within these bodies' competency.

The **Executive Committee** advises the President and prepares resolutions for the Senate and the General Meeting. It prepares the overall budget and submits it to the Senate for adoption. It also prepares the annual report as well as the annual accounts for adoption by the Senate. Furthermore, through the President, it exercises a supervisory role over the Administrative Headquarters and possesses the decision-making power in all of the Society's matters that are not allocated to another body and that extend above and beyond current transactions to be managed by the Administrative Headquarters. Together with the Secretary General, it forms the Management Board in the meaning of the law.

The **Senate** is an important decision-making body of the Max Planck Society. The Senate elects the President and other members of the Executive Committee and decides on the appointment of the Secretary General. It decides on the foundation and closure of Institutes and Departments, the appointment of Scientific Members and the by-laws of the Institutes. The Senate decides on the involvement of the Max Planck Society in other institutions and approves the overall budget; it also approves the annual report and presents it to the General Meeting. It adopts the annual accounts and decides on the admission of Supporting Members. The Senate can also pass resolutions on all matters of the Max Planck Society that the Statutes do not reserve for the General Meeting. The voting-entitled members of the Senate include both Elected Senators and Ex officio Members. The Senate's composition reflects the aim to draw on experience from all important areas of public life in important decisions. For this reason, the Elected Senators — of whom there are a minimum of twelve and a maximum of 32 — include not only outstanding MPG scientists but also high-ranking representatives of the federal government and the federal states, important personalities from business enterprises and scientific organizations as well as other socially relevant groups.

The Senate is supported by three Senate Committees:

- The **Senate Committee for Research Planning** advises on questions of research policy and research planning.
- The **Audit Committee** reviews the lawfulness of budget implementation and the correctness of the Society's accounting, as well as the effectiveness of its risk and compliance management. It makes proposals to the General Meeting regarding the appointment of external auditors, determines the criteria and scope of the audit engagement and receives the external auditors' reports. It receives the annual report of the Internal Auditing Department and is authorized to prompt further audits.
- The task of the **Employment Committee** is to decide upon the reward of and upon the approval of ancillary activities undertaken by the President and upon the reward of and upon the approval of function-related ancillary activities undertaken by the other members of the Executive Committee. The Employment Committee is further tasked with deciding upon the reward of former Presidents in return for the performance of tasks for the Society.

The **General Meeting** (the meeting of its members) is the uppermost association body of the Max Planck Society. It decides on amendments to the Society's Statutes, elects the Senate members, receives the annual report, audits and approves the annual accounts, and grants approbation. The Society's members include its Scientific Members, Supporting Members, Ex officio Members, and Honorary Members.

The **Scientific Council** consists of Scientific Members and the heads of the Institutes and of research facilities equivalent to Institutes. It also comprises scientific staff elected by the Institutes to the Sections. The Emeritus Scientific Members and the External Scientific Members of the Institute may attend meetings as guests in an advisory capacity. The Scientific Council is divided into three Sections. The Sections' task is to discuss the Institutes' joint matters and prepare the Senate's scientific decisions through specialist recommendations.

Staff of the MPG governing bodies¹**PRESIDENT**

Martin Stratmann, Prof. Dr., München, Wissenschaftliches Mitglied des Max-Planck-Instituts für Eisenforschung GmbH, Düsseldorf

EXECUTIVE COMMITTEE

PRESIDENT – CHAIRPERSON

Martin Stratmann, Prof. Dr., München, Wissenschaftliches Mitglied des Max-Planck-Instituts für Eisenforschung GmbH, Düsseldorf

VICE PRESIDENTS

Andreas Barner, Prof. Dr. Dr., Mitglied des Gesellschafterausschusses der C. H. Boehringer Sohn AG & Co. KG, Ingelheim am Rhein, und Präsident des Stifterverbandes für die Deutsche Wissenschaft e. V., Essen

Angela D. Friederici, Prof. Dr., Wissenschaftliches Mitglied und Direktorin am Max-Planck-Institut für Kognitions- und Neurowissenschaften, Leipzig

Bill S. Hansson, Prof. Dr., Wissenschaftliches Mitglied und Direktor am Max-Planck-Institut für chemische Ökologie, Jena

Ferdi Schüth, Prof. Dr., Wissenschaftliches Mitglied und Direktor am Max-Planck-Institut für Kohlenforschung (rechtsfähige Stiftung), Mülheim / Ruhr

TREASURER

Ralf P. Thomas, Prof. Dr., Mitglied des Vorstands und Chief Financial Officer der Siemens AG, München

OTHER MEMBERS

Nikolaus von Bomhard, Dr., ehem. Vorsitzender des Vorstands der Münchner Rückversicherungs-Gesellschaft, München

Stefan von Holtzbrinck, Dr., Vorsitzender der Geschäftsführung der Verlagsgruppe Georg von Holtzbrinck GmbH, Stuttgart

MANAGEMENT BOARD

Der Verwaltungsrat bildet zusammen mit dem Generalsekretär **Rüdiger Willems**, München, den Vorstand im Sinne des Gesetzes.

SENATE

CHAIRPERSON

Martin Stratmann, Prof. Dr., Präsident der Max-Planck-Gesellschaft, München, Wissenschaftliches Mitglied des Max-Planck-Instituts für Eisenforschung GmbH, Düsseldorf

ELECTED SENATORS

Frank Appel, Dr., Vorstandsvorsitzender der Deutschen Post DHL Group, Bonn

Andreas Barner², Prof. Dr. Dr., Vizepräsident der Max-Planck-Gesellschaft, Mitglied des Gesellschafterausschusses der C. H. Boehringer Sohn AG & Co. KG, Ingelheim am Rhein, und Präsident des Stifterverbandes für die Deutsche Wissenschaft e. V., Essen

Theresia Bauer³, MdL, Ministerin für Wissenschaft, Forschung und Kunst des Landes Baden-Württemberg, Stuttgart

Ulrike Beisiegel, Prof. Dr. Dr. h. c., Präsidentin der Universität Göttingen, Göttingen

Nikolaus von Bomhard, Dr., Mitglied des Verwaltungsrats der Max-Planck-Gesellschaft, ehem. Vorsitzender des Vorstands der Münchener Rückversicherungs-Gesellschaft, München

Martin Bruder Müller, Dr., Vorstandsvorsitzender der BASF SE, Ludwigshafen

Thomas Enders, Dr., Chief Executive Officer der Airbus Group, Blagnac, Frankreich

¹ The dates in brackets show the date of leaving (until/bis) or joining (since/seit) the respective governing body.

² Prof. Barner ist zugleich ständiger Gast des Senats der Max-Planck-Gesellschaft als Präsident des Stifterverbandes für die Deutsche Wissenschaft e.V.

³ Frau Bauer ist zugleich ständiger Gast des Senats der Max-Planck-Gesellschaft als Vertreterin der Länder.

Angela D. Friederici, Prof. Dr., Vizepräsidentin der Max-Planck-Gesellschaft, Wissenschaftliches Mitglied und Direktorin am Max-Planck-Institut für Kognitions- und Neurowissenschaften, Leipzig

Joachim Gauck, Bundespräsident a. D. der Bundesrepublik Deutschland, Berlin

Sibylle Günter, Prof. Dr., Wissenschaftliches Mitglied und Wissenschaftliche Direktorin des Max-Planck-Instituts für Plasmaphysik, Garching

Lino Guzzella, Prof. Dr., Präsident der Eidgenössischen Technischen Hochschule Zürich, Zürich, Schweiz (bis 31.12.2018)

Bill S. Hansson, Prof. Dr., Vizepräsident der Max-Planck-Gesellschaft, Wissenschaftliches Mitglied und Direktor am Max-Planck-Institut für chemische Ökologie, Jena

Franz-Ulrich Hartl, Prof. Dr., Wissenschaftliches Mitglied und Direktor am Max-Planck-Institut für Biochemie, Martinsried

Wolfgang A. Herrmann, Prof. Dr. Dr. h. c. mult., Präsident der Technischen Universität München, München

Stefan von Holtzbrinck, Dr., Mitglied des Verwaltungsrats der Max-Planck-Gesellschaft, Vorsitzender der Geschäftsführung der Verlagsgruppe Georg von Holtzbrinck GmbH, Stuttgart

Berthold Huber, ehem. Erster Vorsitzender der IG Metall, Frankfurt / Main

Henning Kagermann, Prof. Dr. Dr.-Ing. e. h., Vorsitzender des Kuratoriums der acatech – Deutsche Akademie der Technikwissenschaften, Berlin

Regine Kahmann, Prof. Dr., Wissenschaftliches Mitglied und Direktorin am Max-Planck-Institut für terrestrische Mikrobiologie, Marburg

Jürgen Kaube, Mitherausgeber der Frankfurter Allgemeinen Zeitung, Frankfurt / Main

Annegret Kramp-Karrenbauer, Vorsitzende der CDU Deutschland, Berlin

Nicola Leibinger-Kammüller, Dr., Vorsitzende der Geschäftsführung der TRUMPF GmbH & Co. KG, Ditzingen

Anton Losinger, Dr. Dr., Weihbischof des Bistums Augsburg, Augsburg

Angelika Niebler, Prof. Dr., MdEP, Vaterstetten, Mitglied des Europäischen Parlaments

Norbert Reithofer, Dr.-Ing. Dr.-Ing. E. h., Vorsitzender des Aufsichtsrats der Bayerischen Motoren Werke Aktiengesellschaft, München

Ferdi Schüth, Prof. Dr., Vizepräsident der Max-Planck-Gesellschaft, Wissenschaftliches Mitglied und Direktor am Max-Planck-Institut für Kohlenforschung (rechtsfähige Stiftung), Mülheim / Ruhr

Peter Seeberger, Prof. Dr., Wissenschaftliches Mitglied und Direktor am Max-Planck-Institut für Kolloid- und Grenzflächenforschung, Potsdam

Ralf P. Thomas, Prof. Dr., Schatzmeister der Max-Planck-Gesellschaft, Mitglied des Vorstands und Chief Financial Officer der Siemens AG, München

Stanislaw Tillich, MdL, Ministerpräsident a. D. des Freistaates Sachsen, Dresden

Andreas Voßkuhle, Prof. Dr., Präsident des Bundesverfassungsgerichts, Karlsruhe

Daniel Zajfman, Prof. Dr., Auswärtiges Wissenschaftliches Mitglied des Max-Planck-Instituts für Kernphysik, Heidelberg, Präsident des Weizmann Institute of Science, Rehovot, Israel

Reinhard Zimmermann, Prof. Dr. Dr. h. c. mult., Wissenschaftliches Mitglied und Geschäftsführender Direktor des Max-Planck-Instituts für ausländisches und internationales Privatrecht, Hamburg

Maciej Zyllicz, Prof. Dr. Dr. h. c., President and Executive Director of the Foundation for Polish Science, Warschau, Polen

EX OFFICIO MEMBERS

Ilse Aigner, MdL, Bayerische Staatsministerin für Wirtschaft und Medien, Energie und Technologie, München, als Vertreterin der Länder (bis 21.03.2018)

Hubert Aiwanger, Bayerischer Staatsminister für Wirtschaft, Landesentwicklung und Energie, München, als Vertreter der Länder (seit 06.12.2018)

Tobias Bonhoeffer, Prof. Dr., Wissenschaftliches Mitglied und Direktor am Max-Planck-Institut für Neurobiologie, Martinsried, als Vorsitzender des Wissenschaftlichen Rates der Max-Planck-Gesellschaft

Markus Burtscheidt, als Vorsitzender des Gesamtbetriebsrates der Max-Planck-Gesellschaft, Köln

Peter Fratzl, Prof. Dr. Dr. h. c., Wissenschaftliches Mitglied und Direktor am Max-Planck-Institut für Kolloid- und Grenzflächenforschung, Potsdam, als Vorsitzender der Chemisch-Physikalisch-Technischen Sektion des Wissenschaftlichen Rates der Max-Planck-Gesellschaft

Werner Gatzert, Staatssekretär im Bundesministerium der Finanzen, Berlin, als Vertreter des Bundes (seit 20.06.2018)

Anja Karliczek, MdB, Bundesministerin für Bildung und Forschung, Berlin, als Vertreterin des Bundes (seit 06.08.2018)

Matthias Kollatz, Dr., MdA, Senator für Finanzen des Landes Berlin, Berlin, als Vertreter der Länder (seit 18.01.2018)

Ariane Leendertz, Dr., Leiterin einer Minerva-Forschungsgruppe am Max-Planck-Institut für Gesellschaftsforschung, Köln, als Vertreterin der wissenschaftlichen Mitarbeiterinnen und Mitarbeiter der Geistes-, Sozial- und Humanwissenschaftlichen Sektion des Wissenschaftlichen Rates der Max-Planck-Gesellschaft

Martina Münch, Dr., Ministerin für Wissenschaft, Forschung und Kultur des Landes Brandenburg, Potsdam, als Vertreterin der Länder

Franz Josef Pschierer, Bayerischer Staatsminister für Wirtschaft, Energie und Technologie, München, als Vertreter der Länder (14.06.2018-12.11.2018)

Jürgen Renn, Prof. Dr., Wissenschaftliches Mitglied und Geschäftsführender Direktor des Max-Planck-Instituts für Wissenschaftsgeschichte, Berlin, als Vorsitzender der Geistes-, Sozial- und Humanwissenschaftlichen Sektion des Wissenschaftlichen Rates der Max-Planck-Gesellschaft

Udo von Toussaint, Priv.-Doz. Dr., Leiter einer Arbeitsgruppe am Max-Planck-Institut für Plasmaphysik, Garching, als Vertreter der wissenschaftlichen Mitarbeiterinnen und Mitarbeiter der Chemisch-Physikalisch-Technischen Sektion des Wissenschaftlichen Rates der Max-Planck-Gesellschaft

Johanna Wanka, Prof. Dr., Bundesministerin für Bildung und Forschung, Berlin, als Vertreterin des Bundes (bis 13.03.2018)

Rüdiger Willems, als Generalsekretär der Max-Planck-Gesellschaft, München

Lothar Willmitzer, Prof. Dr., Wissenschaftliches Mitglied und Direktor am Max-Planck-Institut für molekulare Pflanzenphysiologie, Potsdam, als Vorsitzender der Biologisch-Medizinischen Sektion des Wissenschaftlichen Rates der Max-Planck-Gesellschaft

Carsten T. Wotjak, Dr., Forschungsgruppenleiter am Max-Planck-Institut für Psychiatrie, München, als Vertreter der wissenschaftlichen Mitarbeiterinnen und Mitarbeiter der Biologisch-Medizinischen Sektion des Wissenschaftlichen Rates der Max-Planck-Gesellschaft

SENATORS WITHOUT VOTING RIGHTS

HONORARY MEMBERS

Peter Gruss, Prof. Dr., Martinsried, Präsident der Max-Planck-Gesellschaft von 2002 bis 2014, Emeritiertes Wissenschaftliches Mitglied des Max-Planck-Instituts für biophysikalische Chemie (Karl-Friedrich-Bonhoeffer-Institut), Präsident des Okinawa Institute of Science and Technology Graduate University

Reimar Lüst, Prof. Dr. Dr. h. c. mult., Hamburg, Präsident der Max-Planck-Gesellschaft von 1972 bis 1984, Emeritiertes Wissenschaftliches Mitglied des Max-Planck-Instituts für extraterrestrische Physik

Reinhard Pöllath, Prof. Dr., Rechtsanwalt,
Kanzlei P+P Pöllath + Partners, München

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Wissenschaftliches Mitglied des Max-Planck-Instituts für
ausländisches und internationales Privatrecht, Hamburg

PERMANENT GUESTS OF THE SENATE

Peter-André Alt, Prof. Dr., als Präsident der Hochschulrektoren-
konferenz, Bonn (seit 01.08.2018)

Andreas Barner⁴, Prof. Dr. Dr., Vizepräsident der
Max-Planck-Gesellschaft, Mitglied des Gesellschafteraus-
schusses der C. H. Boehringer Sohn AG & Co. KG, Ingelheim
am Rhein, als Präsident des Stifterverbandes für die Deutsche
Wissenschaft e. V., Essen

Theresa Bauer⁵, MdL, Ministerin für Wissenschaft, Forschung
und Kunst des Landes Baden-Württemberg, Stuttgart, als
Vertreterin der Länder

Martina Brockmeier, Prof. Dr., als Vorsitzende des Wissen-
schaftsrates, Köln

Jörg Hacker, Prof. Dr. Dr. h. c. mult., Auswärtiges Wissen-
schaftliches Mitglied des Max-Planck-Instituts für Infektions-
biologie, Berlin, Deutsche Akademie der Naturforscher Leo-
poldina, Halle (Saale), als Präsident der Nationalen Akademie
der Wissenschaften

Horst Hippler, Prof. Dr., als Präsident der Hochschulrektoren-
konferenz, Bonn (bis 31.07.2018)

Matthias Kleiner, Prof. Dr.-Ing., als Präsident der Leibniz-
Gemeinschaft, Berlin

Reimund Neugebauer, Prof. Dr.-Ing., als Präsident der Fraun-
hofer-Gesellschaft zur Förderung der angewandten Forschung
e. V., München

Cornelia Quennet-Thielen, Staatssekretärin im Bundes-
ministerium für Bildung und Forschung, Berlin, als Vertreterin
des Bundes (bis 31.07.2018)

Georg Schütte, Dr. Staatssekretär im Bundesministerium für
Bildung und Forschung, Bonn, als Vertreter des Bundes (seit
06.08.2018)

Peter Strohschneider, Prof. Dr., als Präsident der Deutschen
Forschungsgemeinschaft, Bonn

Wolfgang Tiefensee, Thüringer Minister für Wirtschaft, Wissen-
schaft und Digitale Gesellschaft, Erfurt, als Vertreter der Länder

Otmar D. Wiestler, Prof. Dr. Dr. h. c., als Präsident der Hermann
von Helmholtz-Gemeinschaft Deutscher Forschungszentren
e. V., Berlin

SENATE COMMITTEES

SENATE COMMITTEE FOR RESEARCH PLANNING

CHAIRPERSON

Martin Stratmann, Prof. Dr., Präsident der Max-Planck-
Gesellschaft, München, Wissenschaftliches Mitglied des
Max-Planck-Instituts für Eisenforschung GmbH, Düsseldorf

EX OFFICIO MEMBERS

Andreas Barner, Prof. Dr. Dr., Vizepräsident der Max-Planck-
Gesellschaft, Vorsitzender der Unternehmensleitung der
C. H. Boehringer Sohn AG & Co. KG, Ingelheim am Rhein, und
Präsident des Stifterverbandes für die Deutsche Wissenschaft
e. V., Essen

Tobias Bonhoeffer, Prof. Dr., Wissenschaftliches Mitglied
und Direktor am Max-Planck-Institut für Neurobiologie,
Martinsried, als Vorsitzender des Wissenschaftlichen Rates
der Max-Planck-Gesellschaft

Peter Fratzl, Prof. Dr. Dr. h. c., Wissenschaftliches Mitglied und
Direktor am Max-Planck-Institut für Kolloid- und Grenzflächen-
forschung, Potsdam, als Vorsitzender der Chemisch-Physika-
lisch-Technischen Sektion des Wissenschaftlichen Rates der
Max-Planck-Gesellschaft

⁴ Prof. Barner ist zugleich Wahlsenator der Max-Planck-Gesellschaft.

⁵ Frau Bauer ist zugleich Wahlsenatorin der Max-Planck-Gesellschaft.

Angela D. Friederici, Prof. Dr., Vizepräsidentin der Max-Planck-Gesellschaft, Wissenschaftliches Mitglied und Direktorin am Max-Planck-Institut für Kognitions- und Neurowissenschaften, Leipzig

Bill S. Hansson, Prof. Dr., Vizepräsident der Max-Planck-Gesellschaft, Wissenschaftliches Mitglied und Direktor am Max-Planck-Institut für chemische Ökologie, Jena

Ariane Leendertz, Dr., Leiterin einer Minerva-Forschungsgruppe am Max-Planck-Institut für Gesellschaftsforschung, Köln, als Vertreterin der wissenschaftlichen Mitarbeiterinnen und Mitarbeiter der Geistes-, Sozial- und Humanwissenschaftlichen Sektion des Wissenschaftlichen Rates der Max-Planck-Gesellschaft

Jürgen Renn, Prof. Dr., Wissenschaftliches Mitglied und Geschäftsführender Direktor des Max-Planck-Instituts für Wissenschaftsgeschichte, Berlin, als Vorsitzender der Geistes-, Sozial- und Humanwissenschaftlichen Sektion des Wissenschaftlichen Rates der Max-Planck-Gesellschaft

Ferdi Schüth, Prof. Dr., Vizepräsident der Max-Planck-Gesellschaft, Wissenschaftliches Mitglied und Direktor am Max-Planck-Institut für Kohlenforschung (rechtsfähige Stiftung), Mülheim an der Ruhr

Udo von Toussaint, Priv.-Doz. Dr., Leiter einer Arbeitsgruppe am Max-Planck-Institut für Plasmaphysik, Garching, als Vertreter der wissenschaftlichen Mitarbeiterinnen und Mitarbeiter der Chemisch-Physikalisch-Technischen Sektion des Wissenschaftlichen Rates der Max-Planck-Gesellschaft

Rüdiger Willems, Generalsekretär der Max-Planck-Gesellschaft, München

Lothar Willmitzer, Prof. Dr., Wissenschaftliches Mitglied und Direktor am Max-Planck-Institut für molekulare Pflanzenphysiologie, Potsdam, als Vorsitzender der Biologisch-Medizinischen Sektion des Wissenschaftlichen Rates der Max-Planck-Gesellschaft

Carsten T. Wotjak, Dr., Forschungsgruppenleiter am Max-Planck-Institut für Psychiatrie, München, als Vertreter der wissenschaftlichen Mitarbeiterinnen und Mitarbeiter der Biologisch-Medizinischen Sektion des Wissenschaftlichen Rates der Max-Planck-Gesellschaft

MEMBERS ELECTED BY THE SENATE

Ulrike Beisiegel, Prof. Dr. Dr. h. c., Präsidentin der Universität Göttingen, Göttingen

Henning Kagermann, Prof. Dr. Dr.-Ing. e. h., Präsident der acatech – Deutsche Akademie der Technikwissenschaften, Berlin

Anton Losinger, Dr. Dr., Weihbischof des Bistums Augsburg, Augsburg

Andreas Voßkuhle, Prof. Dr., Präsident des Bundesverfassungsgerichts, Karlsruhe

Daniel Zajfman, Prof. Dr., Auswärtiges Wissenschaftliches Mitglied des Max-Planck-Instituts für Kernphysik, Heidelberg, Präsident des Weizmann Institute of Science, Rehovot, Israel

Maciej Zyllicz, Prof. Dr. Dr. h. c., President and Executive Director of the Foundation for Polish Science, Warschau, Polen

AUDIT COMMITTEE OF THE SENATE

Clemens Börsig, Prof. Dr. rer. pol., ehem. Aufsichtsratsvorsitzender der Deutschen Bank, Frankfurt / Main, als Förderndes Mitglied der Max-Planck-Gesellschaft

Henning Kagermann, Prof. Dr. Dr.-Ing. e. h., Vorsitzender des Kuratoriums der acatech – Deutsche Akademie der Technikwissenschaften, Berlin, als Wahlsenator der Max-Planck-Gesellschaft

Anton Losinger, Dr. Dr., Weihbischof des Bistums Augsburg, Augsburg, als Wahlsenator der Max-Planck-Gesellschaft

EMPLOYMENT COMMITTEE OF THE SENATE

Martin Bruder Müller, Dr., Vorstandsvorsitzender der BASF SE, Ludwigshafen, als Wahlsenator der Max-Planck-Gesellschaft

Berthold Huber, ehem. Erster Vorsitzender der IG Metall, Frankfurt / Main, als Wahlsenator der Max-Planck-Gesellschaft

Reinhard Pöllath, Prof. Dr., Ehrenmitglied des Senats der Max-Planck-Gesellschaft, Rechtsanwalt, Kanzlei P+P Pöllath + Partners, München, als Förderndes Mitglied der Max-Planck-Gesellschaft

GENERAL MEETING

CHAIRPERSON

Martin Stratmann, Prof. Dr., Präsident der Max-Planck-Gesellschaft, München, Wissenschaftliches Mitglied des Max-Planck-Instituts für Eisenforschung GmbH, Düsseldorf

MEMBERS

The General Meeting consists of the Members of the Max-Planck-Gesellschaft. These are: Supporting Members, Scientific Members, Ex officio Members and Honorary Members.

SCIENTIFIC COUNCIL

CHAIRPERSON

Tobias Bonhoeffer, Prof. Dr., Wissenschaftliches Mitglied und Direktor am Max-Planck-Institut für Neurobiologie, Martinsried

VICE CHAIRPERSON

Bernhard Keimer, Honorarprof. Ph. D., Wissenschaftliches Mitglied und Direktor am Max-Planck-Institut für Festkörperforschung, Stuttgart

BIOLOGY & MEDICINE SECTION

CHAIRPERSON

Lothar Willmitzer, Prof. Dr., Wissenschaftliches Mitglied und Direktor am Max-Planck-Institut für molekulare Pflanzenphysiologie, Potsdam

VICE CHAIRPERSON

Rudolf I. Amann, Prof. Dr., Wissenschaftliches Mitglied und Direktor am Max-Planck-Institut für marine Mikrobiologie, Bremen (bis 14.06.2018)

Andrea Musacchio, Prof. Dr., Wissenschaftliches Mitglied und Direktor am Max-Planck-Institut für molekulare Physiologie, Dortmund (seit 15.06.2018)

MEDIATORS

Friedrich Bonhoeffer, Prof. Dr., Emeritiertes Wissenschaftliches Mitglied des Max-Planck-Instituts für Entwicklungsbiologie, Tübingen (bis 18.07.2018)

Ralf Conrad, Prof. Dr., Emeritiertes Wissenschaftliches Mitglied des Max-Planck-Instituts für terrestrische Mikrobiologie, Marburg (seit 23.11.2018)

Franz-Ulrich Hartl, Prof. Dr., Wissenschaftliches Mitglied und Direktor am Max-Planck-Institut für Biochemie, Martinsried

Gerhard Mittler, Dr., wissenschaftlicher Mitarbeiter des Max-Planck-Instituts für Immunbiologie und Epigenetik, Freiburg

CHEMISTRY, PHYSICS & TECHNOLOGY SECTION

CHAIRPERSON

Peter Fratzl, Prof. Dr. Dr. h. c., Wissenschaftliches Mitglied und Direktor am Max-Planck-Institut für Kolloid- und Grenzflächenforschung, Potsdam

VICE CHAIRPERSON

Eberhard Bodenschatz, Prof. Dr. Dr. h. c., Wissenschaftliches Mitglied und Geschäftsführender Direktor des Max-Planck-Instituts für Dynamik und Selbstorganisation, Göttingen (bis 14.06.2018)

Peter Druschel, Prof. Ph. D., Wissenschaftliches Mitglied und Direktor am Max-Planck-Institut für Softwaresysteme, Saarbrücken (seit 15.06.2018)

MEDIATORS

Gerd Leuchs, Prof. Dr., Wissenschaftliches Mitglied und Direktor am Max-Planck-Institut für die Physik des Lichts, Erlangen

Stefan Luther, Prof. Dr., wissenschaftlicher Mitarbeiter des Max-Planck-Instituts für Dynamik und Selbstorganisation, Göttingen

Walther Thiel, Prof. Dr., Emeritiertes Wissenschaftliches Mitglied des Max-Planck-Instituts für Kohlenforschung (rechtsfähige Stiftung), Mülheim / Ruhr

HUMAN SCIENCES SECTION

CHAIRPERSON

Jürgen Renn, Prof. Dr., Wissenschaftliches Mitglied und Geschäftsführender Direktor des Max-Planck-Instituts für Wissenschaftsgeschichte, Berlin

VICE CHAIRPERSON

Christoph Engel, Prof. Dr., Wissenschaftliches Mitglied und Direktor am Max-Planck-Institut zur Erforschung von Gemeinschaftsgütern, Bonn (bis 14.06.2018)

Ulrich Becker, Prof. Dr. LL.M. (EHI), Wissenschaftliches Mitglied und Geschäftsführender Direktor des Max-Planck-Instituts für Sozialrecht und Sozialpolitik, München (seit 15.06.2018)

MEDIATORS

Fabian Gaessler, Dr. wissenschaftlicher Mitarbeiter des Max-Planck-Instituts für Innovation und Wettbewerb, München (seit 15.06.2018)

Antje-Susanne Meyer, Prof. Dr., Wissenschaftliches Mitglied und Direktorin am Max-Planck-Institut für Psycholinguistik, Nijmegen, Niederlande

Wolfgang Prinz, Prof. Dr., Steinhagen, Emeritiertes Wissenschaftliches Mitglied des Max-Planck-Instituts für Kognitions- und Neurowissenschaften

Samuel Vitali, Dr., wissenschaftlicher Mitarbeiter des Kunsthistorischen Instituts in Florenz – Max-Planck-Institut, Florenz, Italien (bis 14.06.2018)

Additional information

Total emoluments for the President, Vice President and Secretary General for their work on the Management Board and Executive Committee amounted to TEUR 579 for the calendar year 2018. Total emoluments for former members of the Management Board or Executive Committee (Civil Servant-type pensions and benefits for surviving dependants) amounted to TEUR 531. Provisions amounting to TEUR 4,187 exist for pension obligations to former members of the Management Board or Executive Committee. The Treasurer and other members of the Executive Committee did not receive any emoluments for their work on the Management Board and Executive Committee. Members of the Senate also received no emoluments for their work in the Senate.

The total fee for the auditor in the 2018 financial year amounted to TEUR 200. This related exclusively to work performed for the auditing of the annual financial statements.

No transactions of any material significance to the MPG were realized on non-standard terms with affiliated companies or persons.

The MPG holds all shares in the special securities assets fund DeAM-Fonds PMF 1 ISIN DE0008498080. The fund consists of two segments, "DBA" and "Others". Around 84% of the securities investments were actively managed in the DBA segment by a manager. The other securities investments in the Others segment are distributed across institutional funds in a diversified portfolio in accordance with the advisory support of an Investment Advisory Board. All securities assets are allocated in accordance with defined investment guidelines paying special attention to the criteria of risk, return and ongoing dividends. As of 31 December 2018, the market value stood at EUR 155.27 million. The difference between this and the book value (EUR 129.79 million) amounted to EUR 25.48 million. No write-downs were required. The income generated in the 2018 reporting year from the special fund amounted to EUR 4.83 million. No restrictions of any legal or actual kind exist with regard to the redemption of shares.

Events of particular significance after the end of the financial year

After the end of the 2018 financial year, no transactions of particular significance occurred in relation to the net assets, financial position and results of operations.

Berlin, 30 May 2019

Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V., Berlin
– The Executive Committee –

Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V., Berlin

Annex to the notes to the financial statements

STATEMENT OF CHANGES IN FIXED ASSETS AS OF 31 DECEMBER 2018

COSTS OF PURCHASING OR MANUFACTURING

	Balance on 01.01.18 EUR	Addition 2018 EUR	Subsequent capitalization 2018 EUR	Disposal 2018 EUR	Rebooking 2018 EUR	Balance on 31.12.18 EUR
I. INTANGIBLE ASSETS						
1. Purchased concessions, industrial property rights and similar rights and assets, as well as licences to such rights and assets	64,046,443.55	7,891,029.31	1,840.66	-2,777,188.85	2,203,229.28	71,365,353.95
2. Prepayments made	2,067,116.70	1,203,740.42	0.00	0.00	-2,256,099.06	1,014,758.06
	66,113,560.25	9,094,769.73	1,840.66	-2,777,188.85	-52,869.78	72,380,112.01
II. TANGIBLE FIXED ASSETS						
1. Land, rights equivalent to land, and buildings including buildings on third-partyland	2,539,240,405.64	9,497,472.96	550.66	-5,175,281.76	7,281,849.61	2,550,844,997.11
2. Technical plant and machinery	2,889,656,446.33	135,836,528.84	4,102,082.06	-160,389,431.61	49,919,957.87	2,919,125,583.49
3. Other plant, operating and office equipment	969,974,489.85	69,974,328.02	393,629.21	-27,474,324.79	7,321,673.27	1,020,189,795.56
4. Prepayments made and plant under construction	147,559,571.57	95,786,407.76	0.00	-1,204,073.42	-64,470,610.97	177,671,294.94
	6,546,430,913.39	311,094,737.58	4,496,261.93	-194,243,111.58	52,869.78	6,667,831,671.10
III. FINANCIAL ASSETS						
1. Shares in affiliated companies	595,200.00	0.00	0.00	0.00	0.00	595,200.00
2. Participations	264,256.37	24,000.00	0.00	-179.40	0.00	288,076.97
3. Investment securities	124,129,162.01	5,655,998.11	0.00	0.00	0.00	129,785,160.12
4. Other loans and shares	3,944,478.79	17,200.00	0.00	-1,267,638.58	0.00	2,694,040.21
	128,933,097.17	5,697,198.11	0.00	-1,267,817.98	0.00	133,362,477.30
TOTAL	6,741,477,570.81	325,886,705.42	4,498,102.59	-198,288,118.41	0.00	6,873,574,260.41

DEPRECIATION AND AMORTIZATION							BOOK VALUES	
Accumulated 01.01.18 EUR	Financial year 2018 EUR	to subsequent capitalization 2018 EUR	to disposal 2018 EUR	to rebooking 2018 EUR	Write-up 2018 EUR	Accumulated 31.12.18 EUR	Balance on 31.12.18 EUR	Balance on 01.01.18 EUR
-53,416,893.13	-8,051,419.28	-1,840.66	2,744,884.85	87,261.65	73,397.24	-58,564,609.33	12,800,744.62	10,629,550.42
0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,014,758.06	2,067,116.70
-53,416,893.13	-8,051,419.28	-1,840.66	2,744,884.85	87,261.65	73,397.24	-58,564,609.33	13,815,502.68	12,696,667.12
-1,216,121,586.39	-70,499,654.22	-550.66	3,516,796.52	4,624.70	0.00	-1,283,100,370.05	1,267,744,627.06	1,323,118,819.25
-2,354,579,682.60	-191,264,267.15	-2,518,427.97	157,535,853.73	-16,464.86	22,108.09	-2,390,820,880.76	528,304,702.73	535,076,763.73
-738,082,223.84	-91,457,698.99	-135,782.96	26,463,100.46	-75,421.49	2,854.08	-803,285,172.74	216,904,622.82	231,892,266.01
0.00	0.00	0.00	0.00	0.00	0.00	0.00	177,671,294.94	147,559,571.57
-4,308,783,492.83	-353,221,620.36	-2,654,761.59	187,515,750.71	-87,261.65	24,962.17	-4,477,206,423.55	2,190,625,247.55	2,237,647,420.56
0.00	0.00	0.00	0.00	0.00	0.00	0.00	595,200.00	595,200.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	288,076.97	264,256.37
0.00	0.00	0.00	0.00	0.00	0.00	0.00	129,785,160.12	124,129,162.01
-1,421,187.95	0.00	0.00	0.00	0.00	1,421,187.95	0.00	2,694,040.21	2,523,290.84
-1,421,187.95	0.00	0.00	0.00	0.00	1,421,187.95	0.00	133,362,477.30	127,511,909.22
-4,363,621,573.91	-361,273,039.64	-2,656,602.25	190,260,635.56	0.00	1,519,547.36	-4,535,771,032.88	2,337,803,227.53	2,377,855,996.90

INDEPENDENT AUDITOR'S REPORT

To the Max Planck Society for the Advancement of Science
(Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V.), Berlin

Audit opinions

We have audited the annual financial statements, of the Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V., Berlin, comprising the balance sheet as at 31 December 2018, the statement of profit and loss for the financial year from 1 January to 31 December 2018, and the notes to the annual financial statements, including the presentation of the accounting policies. In addition, we have audited the management report of the Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V., Berlin, for the financial year from 1 January to 31 December 2018.

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

- the enclosed annual financial statements comply in all significant respects with the German commercial law regulations applicable to corporations and gives a true and fair view pursuant to the German principles of proper accounting of the net assets and financial position of the association as of 31 December 2018 as well as of the results of operations for the financial year from 1 January to 31 December 2018, and
- the enclosed management report as a whole provides a suitable view of the association's position. In all significant respects, the management report is consistent with the annual financial statements, complies with German statutory regulations and suitably presents the opportunities and risks of future development.

Pursuant to § 322 para. 3 sentence 1 German Commercial Code (HGB), we declare that our audit has not led to reservations against the correctness 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 in compliance with German generally accepted standards for the audit of financial statements promulgated by the Institute of Public Auditors in Germany (IDW). Our responsibility under these regulations and principles are further described in "The auditor's responsibility for the audit of the annual financial statements and the management report" section of our auditor's report. We are independent of the association in accordance with the German commercial law and professional law regulations and we have fulfilled our other German professional obligations in accordance with these requirements. 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.

Responsibility of the Executive Committee and of the Audit Committee for the annual financial statements and the management report

The Executive Committee is responsible for the preparation of the annual financial statements that comply, in all significant respects, with the German commercial law regulations applicable to corporations, and for the annual financial statements that give a true and

fair view of the net assets, financial position and results of operations of the association in accordance with German principles of proper accounting. Furthermore, the Executive Committee is responsible for such internal controls as they, in accordance with German principles of proper accounting, have determined necessary to permit the preparation of annual financial statements that are free from material misstatements, whether intentional or unintentional.

In preparing the annual financial statements, the Executive Committee is responsible for assessing the association's ability to continue as a going concern. Moreover, the Executive Committee has the responsibility for disclosing, as applicable, matters related to going concern. In addition, it is responsible for accounting based on the going concern accounting principle, unless actual or legal circumstances preclude this.

The Executive Committee is also responsible for the preparation of the management report, that as a whole provides a suitable view of the association's position and which is consistent with the annual financial statements in all significant respects, complies with German statutory regulations and suitably presenting the opportunities and risks of future development. The Executive Committee is furthermore responsible for the provisions and measures (systems) that it deems necessary to enable the preparation of a management report in accordance with the applicable German statutory regulations and to be able to provide sufficient appropriate evidence for the statements contained in the management report.

The Audit Committee is responsible for monitoring the association's accounting process of preparing the annual financial statements and the management report.

The auditor's responsibility for the audit of the annual financial statements and the management report

It is our objective to obtain sufficient certainty whether the annual financial statements in its entirety are free from material misstatements, whether intentional or unintentional, and whether the management report as a whole provides a suitable view of the association's position and, in all significant respects, is consistent with the annual financial statements and the knowledge obtained in the audit, complies with the German legal requirements and adequately 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.

Sufficient certainty is a high level of certainty, but it is not a guarantee that an audit conducted in accordance with § 317 HGB and in compliance with German principles of proper auditing promulgated by the Institute of Public Auditors in Germany (IDW) will always detect a material misstatement. Misstatements can arise from infringements or inaccuracies 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.

Throughout the audit, we exercise professional judgement and maintain a critical basic attitude. We also,

- identify and assess the risks of material misstatement, whether intentional or unintentional, in the annual financial statements and in the management report, plan and perform audit procedures responsive to those risks, and we gain audit evidence that is sufficient and appropriate to provide a basis for our audit opinions. The risk that material misstatements may not be exposed is greater in the event of infringements than in the event of inaccuracies, as infringements may involve collusion, forgery, intentional omissions, misrepresentation or the override of internal controls.
- gain an understanding of the internal control system relevant for the audit of the annual financial statements and the provisions and measures relevant for the audit of the management report in order to plan audit procedures that are appropriate in the given circumstances, but not for the purpose of expressing an audit opinion on the effectiveness of these systems of the association.
- evaluate the appropriateness of the accounting methods used by the Executive Committee and the justifiability of the estimates and related disclosures presented by the Executive Committee.

- conclude on the appropriateness of the Executive Committee's use of the going concern accounting principle and, based on the audit evidence obtained, whether material uncertainty exists related to events or circumstances that could raise significant doubts on the association'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 relevant disclosures in the annual financial statements and in the management report or, if such disclosures are inadequate, to modify our respective audit opinion. We draw our conclusions on the basis of the audit evidence obtained up to the date of our auditor's report. However, future events or circumstances may cause the association to cease to be able to continue as a going concern.
- evaluate the overall presentation, the structure and the content of the annual financial statements including the disclosures, and whether the annual financial statements present the underlying business transactions and events in a manner that the annual financial statements give a true and fair view of the net assets, financial position and results of operations of the association in accordance with German principles of proper accounting.
- evaluate the management report's consistency with the annual financial statements, its compliance with the German law, and the view of the association's position it provides.
- perform audit procedures on the forward-looking statements presented by the Executive Committee in the management report. On the basis of sufficient appropriate audit evidence we review, in particular, the significant assumptions used by the Executive Committee as a basis for the forward-looking statements, and evaluate the proper derivation of the forward-looking statements from these assumptions. We do not express a separate audit opinion on the forward-looking statements and on the underlying assumptions. There is a substantial unavoidable risk that future events will differ materially from the forward-looking statements.

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 the internal control system that we identify during our audit.

Munich, 30 April 2019

Deloitte GmbH

Wirtschaftsprüfungsgesellschaft

Ralph Höll
Wirtschaftsprüfer
(German Public Auditor)

Sandro Süß
Wirtschaftsprüfer
(German Public Auditor)

