

ANNUAL REPORT
2019

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Rounding may result in minor deviations in the totals and percentages relative to the computed values.

Individual balance sheet and earnings items may increase within the scope of the winding-up activities.

To facilitate readability, only the masculine form of words is used. All personal designations apply to both genders, unless the content dictates otherwise.

EAA KEY FIGURES

EAA key figures

Income statement in EUR million	1/1-31/12/2019	1/1-31/12/2018
Net interest result	80.9	114.4
Net fee and commission result	-17.7	-18.3
Net trading result	6.5	12.5
Total other operating expenses/income	-14.5	65.1
General administrative expenses	-135.7	-160.5
Results from financial assets and shareholdings	29.7	-13.5
Results prior to risk provisioning	-50.8	-0.3
Loan loss provisions	48.8	4.7
Results before taxes	-2.0	4.4
Taxes	-0.7	-1.8
Net result for the year	-2.7	2.6
Balance sheet in EUR billion	31/12/2019	31/12/2018
Total assets	37.8	39.7
Business volume	39.8	44.2
Lending business	15.9	19.8
Trading assets	15.4	14.6
Equity	0.7	0.7
Winding-up	31/12/2019	31/12/2018
Banking book		
Notional value (before FX effect) in EUR billion	14.9	18.2
Winding-up activities (compared with previous year-end) in EUR billion	-3.3	-4.7
Winding-up activities (compared with previous year-end) in %	-18.2	-20.6
Trading portfolio		
Notional value (before FX effect) in EUR billion	136.8	171.1
Winding-up activities (compared with previous year-end) in EUR billion	-34.3	-34.9
Winding-up activities (compared with previous year-end) in %	-20.0	-16.9
Employees	31/12/2019	31/12/2018
Number of employees	159	160
Issuer credit ratings	Short-term rating	Long-term rating
Moody's Investors Service	P-1	Aa1
Standard & Poor's	A-1+	AA
Fitch Ratings	F1+	AAA

Report of the Supervisory Board

In exercising the rights and obligations incumbent upon it under the statutory provisions and its charter in the fiscal year from 1 January 2019 to 31 December 2019, the Supervisory Board of Erste Abwicklungsanstalt convened five times, including one extraordinary meeting. The permanent committees formed from among its members, comprising the Audit Committee and the Risk Committee, convened twice and five times (including one extraordinary meeting), respectively.

The deliberations of the Supervisory Board in fiscal year 2019 dealt with various matters, including the winding-up plan for 2020, the Phoenix structure and various strategic projects. In this regard, it also resolved measures to wind up the residential construction credit portfolio of Erste Abwicklungsanstalt and other individual assets ahead of schedule.

In the course of the changes to the Managing Board of Erste Abwicklungsanstalt and against the background of the reduction in risk and complexity achieved since the takeover of the assets from the former WestLB/Portigon AG, the Supervisory Board agreed to streamline the Managing Board from three to two members.

Furthermore, the Supervisory Board advised the Managing Board in fiscal year 2019, monitored its management of the company and was involved in decisions that are of fundamental importance for Erste Abwicklungsanstalt. The Supervisory Board was kept regularly informed about the situation at Erste Abwicklungsanstalt – also outside of meetings – through the wind-up reports submitted to it and other reports brought to its attention.

The Supervisory Board followed a recommendation made by the Audit Committee and appointed PricewaterhouseCoopers GmbH Wirtschaftsprüfungsgesellschaft (PwC) as the auditors of Erste Abwicklungsanstalt. PwC audited the annual financial statements and the management report of Erste Abwicklungsanstalt for the fiscal year ending on 31 December 2019 and issued an unqualified audit opinion. The Supervisory Board and the Audit Committee formed from its members discussed in detail the auditor's report on the findings of its audit and raised no objections following the final results of the audit.

The Supervisory Board approved the annual financial statements and the management report prepared by the Managing Board at its meeting on 22 April 2020 and proposes to the Stakeholders' Meeting to ratify the annual financial statements for fiscal year 2019.

REPORT OF THE SUPERVISORY BOARD

The Supervisory Board would like to thank the EAA's employees for their commitment and performance in the past financial year.

Düsseldorf, 22 April 2020



Dr Patrick Opdenhövel
Chairman of the Supervisory Board

FOREWORD

Foreword

Dear Ladies and Gentlemen,

The EAA is reporting a negative annual result for the first time since 2011, with the net loss for 2019 amounting to EUR 2.7 million after taxes. The EAA has regularly pointed out in the past that losses cannot be ruled out in some years. As the interest-bearing business is inevitably declining due to the ongoing portfolio reduction, current income can no longer cover general administrative expenses despite continuous cost reductions in the current winding-up phase.

This development has been taken into account in the EAA's overall winding-up planning from the outset. To this extent, the slightly negative annual result for 2019 is not surprising and is no indication of changed conditions or risks from winding up the portfolio of the former WestLB. The overall result is in fact significantly better than planned after some ten years of winding-up activities. Equity is higher than expected for this point in time. The buffer of equity plus risk provisions has steadily increased relative to the remaining banking book and will total around EUR 1.2 billion as of 31 December 2019. At the same time, the risk assessment for the remaining portfolio improved, particularly in the context of stress tests.

The reduction in the number of financial products taken over continued at a high level in 2019. The banking book and trading portfolio declined by a good 18% and 20% respectively compared with the previous year. More than 90% of the loans, securities and shareholdings transferred to the EAA in 2009/2010 (first fill) and 2012 (refill) have been wound up. The trading portfolio that was transferred in 2012 was reduced by around 87% by the end of 2019.

Based on its planning, the EAA assumes that the winding-up process can continue successfully in fiscal year 2020. With the approval of the Supervisory Board, it is pursuing a series of active measures, which should further accelerate risk reduction, particularly in the trading portfolio. The corresponding planning is based on the framework conditions and market analyses prior to the outbreak of the coronavirus pandemic, whose effects on the planning for fiscal year 2020 cannot be predicted at present.

Yours sincerely



Christian Doppstadt
Member
of the Managing Board



Horst K pker
Member
of the Managing Board

Management report

For the period from 1 January to 31 December 2019

Principles of the EAA

Operating activities of the EAA

The EAA operates as an asset manager pursuing a clear, public mandate that is enshrined in its charter: it is winding up the risk exposures and non-strategic business units (transferred assets) transferred from the former WestLB AG (now Portigon AG) and its domestic and foreign subsidiaries in a value-preserving and risk-minimising manner. This serves to stabilise the financial market.

It manages its business according to commercial and economic principles, in consideration of its winding-up objectives and the principle of minimising its losses. The EAA is not a credit or financial services institution within the meaning of the German Banking Act, an investment services firm as defined by the German Securities Trading Act or an insurance company pursuant to the German Insurance Supervision Act. In accordance with its charter, it does not conduct any transactions that require approval pursuant to Directive 2006/48/EC of the European Parliament and of the Council of 14 June 2006 or Directive 2004/39/EC of the European Parliament and of the Council of 21 April 2004, the amendment to Directives 85/611/EEC and 93/6/EEC of the Council and Directive 2000/12/EC of the European Parliament and of the Council and for the repeal of Directive 93/22/EEC of the Council, as amended.

The EAA is subject to regulation by the FMSA. The EAA is supervised by BaFin with regard to those provisions of banking law that are applicable to the EAA.

The EAA's work is principally carried out on the basis of section 8a FMStFG, its charter, the rules of procedure for the Supervisory Board and the Managing Board plus their committees, as well as its risk strategy and winding-up plan.

The winding-up plan describes the intended winding-up activities of the EAA by classifying its assets into sub-portfolios (clusters) and standard strategies, and contains a schedule for the winding up of assets. The standard strategies are oriented on an investor or disposal perspective, and take into consideration the "Self-monetisation", "Managed divestment" and "Hold" categories. The "Self-monetisation" strategy comprises assets that will be repaid in full by year-end 2020, while the "Managed divestment" strategy takes into account long-term assets for which active portfolio measures are possible from the EAA's perspective. The "Hold" strategy concerns positions that will probably be held until planned maturity owing to their specific features, although this does not preclude active portfolio management. The strategy for winding up the portfolio could include selling the assets prior to their maturity, holding them until maturity or restructuring the relevant items. The EAA reviews the winding-up plan at least once a quarter and makes adjustments when necessary, mainly in order to take account

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of changes in circumstances, for example current market developments. Changes or adjustments to the winding-up plan must be approved by the FMSA. The EAA regularly submits wind-up reports to inform the FMSA, its Supervisory Board and the EAA stakeholders about the progress of the winding-up and the implementation of the winding-up plan, and documents the success of the wind-up strategy. The annual wind-up report must be adopted by a resolution of the Supervisory Board before being submitted to the FMSA.

The following stakeholders participate in the EAA's share capital: the State of NRW, with a stake of around 48.2%; Rheinische Sparkassen- und Giroverband and Sparkassenverband Westfalen-Lippe, each with around 25.0%, and Landschaftsverband Rheinland and Landschaftsverband Westfalen-Lippe, each with around 0.9%.

The governing bodies of the EAA are the Managing Board, the Supervisory Board and the Stakeholders' Meeting.

The Managing Board of the EAA must consist of at least two members. They are appointed by the Supervisory Board with the FMSA's approval for a maximum term of five years. Members of the Managing Board may be reappointed. The Managing Board manages the operations of the EAA and represents the EAA in and out of court.

Matthias Wargers resigned from the Managing Board of the EAA as of 31 December 2019. Christian Dopstadt and Horst K pker have since managed the operations with a scaled-down board of two members.

The Supervisory Board consists of twelve members. Eleven members were appointed by the Stakeholders' Meeting. One member is delegated by the Bundesrepublik Deutschland - Finanzagentur GmbH, acting on behalf of the FMS. The members elect a Chairman and a Vice Chairman on the recommendation of the State of NRW. The Supervisory Board advises and consults with the EAA's Managing Board, monitors its activities and carries out additional duties set forth in the charter.

The Stakeholders' Meeting is composed of representatives who hold a stake in the EAA's share capital. It is responsible for adopting the annual financial statements of the EAA, among other things.

Methods of transfer

Several methods were used to transfer the risk exposures and non-strategic business units of the former WestLB to the EAA in the years 2009 and 2010 (first fill) as well as in 2012 (refill). The method that was chosen in each case was based on the respective domestic legal, supervisory and tax provisions.

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In some cases, a spin-off process was used to transfer assets and liabilities in rem to the EAA, whereas in other cases, different transfer methods (sub-participation, guarantees) were used to create a synthetic transfer of the inherent risks and rewards contained in these portfolios.

When spin-offs, sub-participations, crossings (transfer of exchange-traded derivatives via the exchange) and risk assumption agreements are used to transfer the legal or beneficial ownership of derivatives, the portfolios are reported in the balance sheet based on the portfolio classification as stipulated under commercial law. When guarantees are used, the legal and economic ownership remains with Portigon, while the EAA assumes the economic risks of the portfolio. In this case, Portigon pays a guarantee fee to the EAA for the assumption of the risks. The risks assumed by the EAA are taken into account by recognising contingent liabilities or provisions.

Equity base and liability

The EAA's share capital amounted to EUR 500,000. The first fill created equity totalling around EUR 3.1 billion.

The refill provided the EAA with rights to draw on additional equity that will add EUR 480 million to the capital reserves. If necessary, the liable stakeholders of the EAA and the FMS will provide these funds in specified instalments in the event that the EAA's balance sheet equity should fall below EUR 50 million.

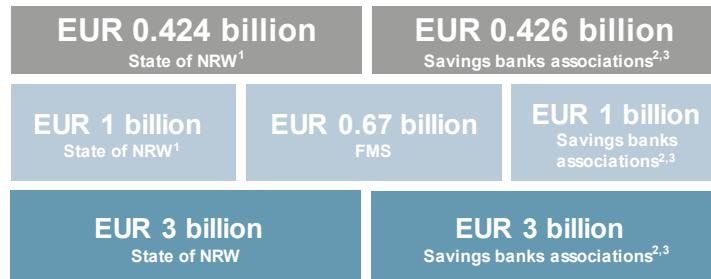
In addition to the EAA's equity base, a factor that is particularly important for the EAA's credit rating is the duty to offset the EAA's losses that the EAA's liable stakeholders and the FMS have assumed. They are individually liable to the EAA to offset all losses in accordance with section 7 of the EAA's charter. To that end, they must provide the EAA with such funds at such times as are necessary in order to ensure that it has sufficient cash and cash equivalents at all times to meet its liabilities as they become due, even after its equity capital has been used up. The EAA is obligated to assert this loss-offset claim against the liable stakeholders and the FMS in the appropriate volume and before any pending insolvency takes effect, in order to ensure it remains solvent at all times.

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Equity capital

Equity capital drawing limit: EUR 0.480 billion

Levels 1-3 modified in August 2012



Level 4 unchanged since December 2009



Special arrangement

for the special-purpose entity Phoenix since 2008



¹ For purposes of simplification, the relatively low stake of the Landschaftsverbände (Landschaftsverband Rheinland und Landschaftsverband Westfalen-Lippe) is included in the figure shown for the State of NRW.

² Rheinischer Sparkassen- und Giroverband and Sparkassenverband Westfalen-Lippe, at 50% each.

³ Default liability assumed by the State of NRW.

⁴ The State of NRW and the FMS will reach an agreement on the apportionment of the associated financial burden on the basis of the FMStFG.

Funding

The EAA was initially funded in the first fill through the nearly complete transfer of all issues and deposits of the former WestLB with guarantor liability. The EAA raised its own funds in the period thereafter. In the future, the EAA will continue to obtain funding primarily by issuing bearer bonds, by short-term borrowing and through repurchase transactions. The EAA's ratings correspond to those of the State of NRW. The risk weighting can therefore be set according to the weighting for the State of NRW. The EAA includes the EAA on the list of public-sector entities to which the borrower weighting of the relevant regional entity (in this case the State of NRW) may be applied pursuant to article 116 (4) CRR. The good ratings received from Moody's, Standard & Poor's and Fitch Ratings, as well as the duty to offset losses on the part of the liable stakeholders and the FMS, form the foundation for the EAA's successful presence on the capital market.

Accounting

The EAA prepares its annual financial statements in accordance with HGB. It is exempt from the requirement to prepare consolidated financial statements pursuant to section 8a (1a) sentence 3 FMStFG. However, the significant shareholdings, particularly EAA CBB, Erste EAA Anstalt öffentlichen Rechts & Co. KG and Dritte EAA Anstalt & Co. KG, are included in the wind-up success and risk planning, risk monitoring and risk reporting.

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Organisation

Since it began its operating activities, the EAA has repeatedly adjusted its organisational structure to manage changes and challenges in the corporate environment. The gradual takeover of multi-billion portfolios presented it with enormous challenges in developing an adequate organisation and recruiting the required experts. The gradual reduction of the portfolio required capacity and costs to be reduced, without compromising the expertise required to successfully complete the wind-up.

Ongoing optimisation of organisational and cost structures is part of the EAA's responsibility in view of the progressive reduction of the portfolio.

Against this background, the EAA and EFS have further outsourced a large proportion of the services rendered to a third party. Besides the IT and operational services, which EFS provides via IBM as an external service provider, the EAA receives portfolio management services from MSPA, a former subsidiary of the EAA. Within the scope of its long-term service strategy, the EAA largely outsourced the provision of portfolio services to third parties, with the objective of maintaining continuity and stability on the one hand and enabling flexibility on the other. EFS's remaining function is expected to be integrated into the EAA in the medium term.

Due to the importance of the outsourced activities, the EAA has implemented a central function for an integrated service provider management system. Under this system, the service relationships between the EAA, EFS and MSPA, as well as the other external service providers, are systematically managed and monitored from a legal, substantive, processual and financial perspective.

Control system

The EAA draws up a winding-up plan regularly (at least once a year) and assesses as of the end of each quarter whether the plan needs to be adjusted. The winding-up plan details the intended unwinding measures, including a schedule for winding up the EAA portfolio and the resulting implications for the EAA's equity capital and financial situation.

One of the EAA's key control metrics is the decline in the notional volume of the portfolio. Aside from volume reduction, other control metrics are also relevant. According to section 5 (3) of the EAA's charter, the primary requirements are to minimise losses and ensure that the EAA is solvent at all times. As a result, the earnings situation, the change in equity and ensuring solvency at all times are also major performance indicators for the EAA. Each of the EAA's decisions is made in consideration of the aforementioned control metrics, and their contribution to the wind-up success is assessed.

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Administrative expenses are highly important, too. The costs of the planned reduction of portfolio volume are controlled within the scope of budget planning and ongoing cost controlling. Cost controlling plays a key role within the EAA because, due to legal provisions, it is not possible for winding-up agencies to offset operating costs through profitable new business.

Alongside planning, controlling is supported by ongoing monitoring. The weekly reporting process provides the members of the Managing Board and the department heads with a summary of all portfolio measures taken, as well as all relevant data regarding the EAA's control metrics. Alongside reporting, actual-to-plan analyses are performed to identify deviations from the winding-up plan, to explain them in detail and derive corresponding recommendations for action.

The EAA's locations

The EAA has its registered office in Düsseldorf. The EAA does not maintain any other locations. The EAA holds stakes in domestic and foreign subsidiaries, which have their own employees.

Economic report

Economic environment

Virus pandemic plunges the global economy into recession

The coronavirus outbreak in China represents a key growth risk not only for China itself, but also the rest of the global economy. To contain the spread of the virus, which has already surpassed the 2003 SARS outbreak in terms of the number of infected persons and deaths, China and many other countries have severely restricted public life (lockdowns, entry bans, tighter border controls). These restrictions have resulted in a massive slump in demand. Besides the decline in demand, the containment measures also have very negative repercussions for global supply and production chains. Congestion at the borders and production cutbacks or downtime interrupt these chains and bring production to a standstill in downstream stages.

As a result of this parallel emergence of demand problems and disrupted supply and production chains, economic weakness has a very wide reach. A recession appears inevitable this year and, despite the large number of countermeasures currently being taken by governments and central banks, is likely to result in serious falls in economic performance comparable to the global financial crisis in 2008 and 2009.

US economy before the crash

Economic performance in the US rose by 0.5% in the fourth quarter of 2019. However, the pace of growth had eased already in the fourth quarter of 2019, compared with the first three quarters of the year. US growth was driven by private consumption. Consumer confidence in the US rose slightly by 1.9 points in the fourth quarter of 2019 to a very robust level of 128.2 points, compared with the long-term average of 94.2 points (1990 to date). US consumers'

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optimistic outlook for the future is due to the situation on the US labour market. The US Department of Labour currently reports an employment total of 152.5 million, which represents an increase of 2.2 million employees over last year.

Despite robust economic growth – US economic performance rose by 2.3% in 2019 – the Fed found it necessary to cut fed funds three times by 25 bp each in 2019 to prevent US inflation rates from undershooting the Fed's target figure of 2% in the longer term. However, these cuts should not be seen as a new cycle of interest rate cuts, but merely as means to hedge the upswing. These at least prevented a persistent inversion of the US yield curve over a longer period of time – a scenario where yields are higher for shorter maturities than for their longer counterparts.

An assessment of US economic performance in the coming quarters is currently subject to more than just an unusually high level of forecasting uncertainty. The combination of a supply shock (disrupted supply chains and production downtime) and absence of demand will have a seriously adverse impact on the US economy, despite the massive support measures taken by the US government and the Fed. US economic performance will probably decline by 3% to 4%, while unemployment is expected rise rapidly in tandem. Values between 9.5% and 10% could well be the outcome of having to keep containment measures in place for several months.

The Fed has responded to the crisis with a variety of measures. Besides flooding the money markets with liquidity, it has cut the fed funds rate in two unscheduled steps to almost 0%. At the same time, it has reactivated its asset purchase programmes. These measures signal it has a similarly pessimistic assessment of future economic developments, as do the financial markets. With the Fed back in crisis mode, yields are expected to remain very low in the long term. The EAA expects a yield of 0.2% to 0.4% at the long end of the curve by the end of 2020. The yield at the short end is expected to be 0%. Financial markets do not yet expect negative key interest rates on par with the eurozone. US Fed funds futures are not implying any further interest rate cuts until the end of 2020.

Eurozone: Not a good time for a recession

Governments in Europe and the ECB are also responding with drastic measures to the approaching economic crisis and recession in the wake of the coronavirus outbreak. All countries have set up aid programmes to stabilise their economies. The European Commission has already signalled that it will allow the member states to extend their expenditure on economic stimulus packages, liquidity injections and social measures. This massive expansion of government spending will lead to a deterioration in the credit quality of all eurozone countries. The recession therefore comes at an inopportune time as many countries have not yet recovered from the slowdown in growth and the sharp rise in debt.

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The crisis will have a particularly negative impact on two groups of eurozone states. Export-oriented countries such as Germany will record a sharp decline in economic activity as the crisis disrupts supply chains, thus impacting production. Several companies are already reporting production restrictions and downtime. The EAA expects Germany's GDP to shrink by 5% to 6% in 2020 – for comparison: Germany's GDP decreased by 5.6% in 2009.

In addition to these export-oriented countries, traditional holiday destinations such as Italy and Spain are also likely to suffer from the crisis. The summer holiday business is likely to come to a complete standstill. It seems doubtful whether the resulting losses can be recouped at all in 2020. Therefore, the EAA expects – for example – Italy to experience a sharp fall of between 6% and 7% in GDP this year.

Financial markets and monetary policy: Normative power of the facts

The ECB obeys the normative power of the facts and tries to overcome the crisis with a massive allocation of resources. The quotas for purchasing euro government bonds were greatly increased, money markets were flooded with liquidity and a new, special-purpose long-term tender was launched. ECB President Lagarde and other members of the Executive Board also stressed that the ECB had by no means exhausted all its options. The ECB actually believes that 2020 should be the year for a major strategy review. With the economic crisis looming, it will likely be able to devote less time and resources to this project in the coming months.

This means that for future monetary policy, one will have to prepare for a longer period of very low yields and interest rates. Financial markets believe the ECB could lower the deposit rate again by 10 bp at one of its forthcoming meetings. Yields at the long end of the euro government bond curve are likely to be negative at the end of 2020, with the EAA predicting a range of -0.4% to -0.3% and of -0.2% to 0% for 2021. Yields at the short end are driven by expectations of the ECB's monetary policy. The deposit rate will probably be unchanged at -50 bp at the end of 2020. As a result of this measure, yields at the short end of the curve (two years) will likely be between -0.5% and -0.6% in December 2020 and at -0.5% in December 2021. The EAA is expecting a EUR/USD exchange rate of USD 1.15 per EUR at the end of 2020.

Overview of economic development

In fiscal year 2019 the EAA's economic performance was largely determined by its wind-up mission.

The notional volume of the banking book fell 18.2% to EUR 14.9 billion. The notional volume of the trading portfolio declined by 20.0% to EUR 136.8 billion during the same period.

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The net result for the year of EUR -2.7 million is defined in particular by the negative net fee and commission result of EUR 17.7 million and general administrative expenses of EUR 135.7 million. These are largely offset by the positive net interest result of EUR 80.9 million and loan loss provisions which together with the results from financial assets and shareholdings came to EUR 78.5 million.

The EAA's total assets declined from EUR 39.7 billion in the previous year to EUR 37.8 billion. This was mainly due to reductions in loans and advances to customers and securities portfolios, which were offset by an increase in the market values of the trading portfolio. The business volume, which also includes off-balance-sheet components, fell 10.0% to EUR 39.8 billion (previous year: EUR 44.2 billion).

Wind-up report

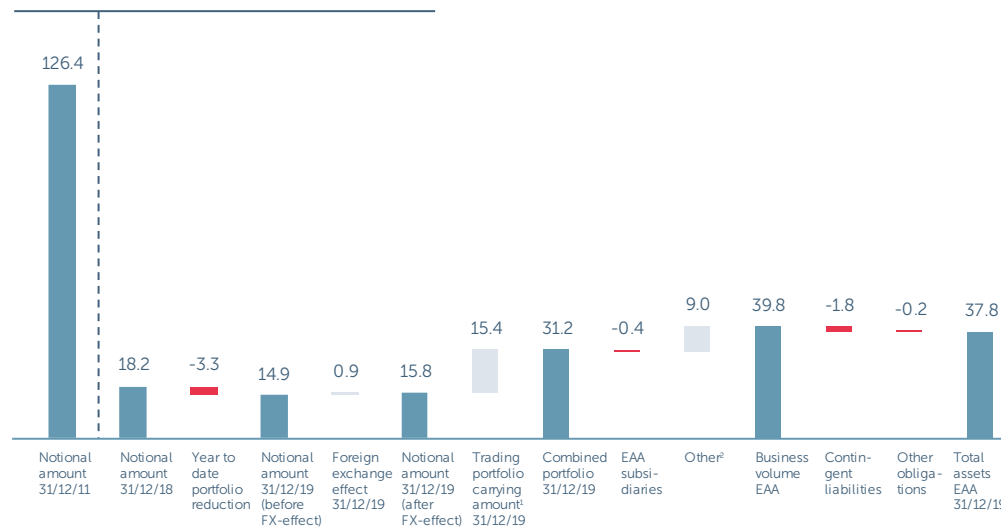
The figures and developments discussed in this section are regularly reported to the FMSA and to the EAA's governing bodies. They relate to the entire risk portfolio transferred to the EAA, regardless of whether these figures are recorded on- or off-balance-sheet in the EAA's separate financial statements or whether they are held via subsidiaries (look-through approach).

The following overview shows the changes in the portfolio's notional amounts since 1 January 2019 and the reconciliation to the EAA's total assets as of 31 December 2019.

Reconciliation of the transferred notional volume to the balance sheet

in EUR billion

Notional values banking book



¹ Equates to the carrying amounts for trading portfolio assets.

² Contains money market transactions, cash collateral and other assets not relevant for the wind-up portfolio.

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Under the EAA's management strategy, the success of the winding-up plan is assessed on the basis of both the reduction in the notional volume before exchange rate effects (at constant exchange rates as of 31 December 2011 for the banking book and as of 30 June 2012 for the trading portfolio) as well as in terms of the effects on the winding-up plan. The latter takes into consideration the impact of sales proceeds, carrying amounts, expected losses, interest income and funding costs for the respective risk exposures, as well as transaction costs.

Wind-up strategies

The banking book's risk exposures recorded in the winding-up plan have been allocated in accordance with three stipulated standard strategies.

Breakdown of the risk exposures of the banking book by standard strategy¹

	31/12/2019 EUR billion	31/12/2018 EUR billion
Hold	8.0	9.6
Managed divestment	6.3	7.4
Self-monetisation	0.6	1.2
Total	14.9	18.2

¹ Excluding exchange rate effects (based on exchange rates as of 31 December 2011).

Note: The presentation of the standard strategies and the presentation of the previous year has been restated accordingly.

The allocation of risk exposures to one of these categories is regularly reviewed and documented when the winding-up plan is revised.

A review of the standard strategies within the scope of preparing the winding-up plan 2019 led to a reallocation of the risk exposures as of 2019, which was also implemented in reporting.

The new standard strategies will thus be based on an investor or disposal perspective, and take into consideration the "Self-monetisation", "Managed divestment" and "Hold" categories.

The "Self-monetisation" strategy comprises assets that will be repaid in full by year-end 2020, while the "Managed divestment" strategy takes into account long-term assets for which active portfolio measures are possible from the EAA's perspective. The "Hold" strategy concerns positions that will probably be held until planned maturity owing to their specific features, although this does not preclude active portfolio management.

The winding-up plan for the trading portfolio makes no distinction based on the above strategies. The active management of the positions is modelled here. The portfolios are reduced via their normal maturities and active management.

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Wind-up success in the banking book

From 1 January to 31 December 2019, the notional volume of the banking book was reduced from EUR 18.2 billion to EUR 14.9 billion (at exchange rates as of 31 December 2011, including the notional amounts of the guaranteed risk exposures and the risk exposures held by EAA's subsidiaries). That equates to a decline in notional volume of EUR 3.3 billion (18.2%). The volume at exchange rates as of 31 December 2019 is EUR 15.8 billion. The total banking book portfolio has decreased by EUR 111.5 billion or 88.2% since 1 January 2012.

Clusters	Notional	Notional	Notional volume (at exchange rates as of 31/12/2011)		Notional volume (at exchange rates as of 31/12/2019)	
	31/12/2019 EUR million	31/12/2018 EUR million	EUR million	Change to 31/12/2018 in %	Notional 31/12/2019 EUR million	FX effect ¹ EUR million
Structured Securities	6,112.1	7,646.5	-1,534.4	-20.1	6,660.0	547.9
Public Finance & Financial Institutions	4,062.8	4,749.5	-686.7	-14.5	4,117.4	54.6
Real Assets	2,555.5	3,464.0	-908.5	-26.2	2,632.9	77.4
Structured Products	1,336.4	1,389.9	-53.5	-3.8	1,505.9	169.5
Corporates	755.1	880.6	-125.5	-14.3	783.2	28.1
Equity/Mezzanine	60.0	58.9	1.1	1.9	61.4	1.4
Total	14,882.0	18,189.4	-3,307.4	-18.2	15,760.8	878.9

¹ Change in notional volume due to exchange rate effects.

Note: As of 31 December 2019, the total NPL portfolio amounted to EUR 2.3 billion at current exchange rates.

The EAA significantly reduced the portfolio in the Structured Securities cluster in the current fiscal year. This decrease was primarily due to partial repayments of the Phoenix A notes (EUR/USD) and guarantee drawings of the Phoenix B note (EUR).

The notional reduction in the other clusters is distributed over the rest of the portfolio, with the changes here attributable in particular to repayments in the Real Assets cluster and sales and repayments in the Public Finance & Financial Institutions cluster.

There was a EUR -21.5 million effect on the winding-up plan in 2019 associated with sales and early repayments from the banking book portfolio. A positive winding-up plan effect of EUR +43.5 million was achieved from other measures. This effect was mainly the result of reversals of risk provisions.

Wind-up success in the trading portfolio

The notional volume of the trading portfolio represents the business volume underlying the derivatives, not the exposure at risk.

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The notional volume of the trading portfolio amounted to EUR 136.8 billion as of 31 December 2019. The notional volume of the trading portfolio decreased by a total of EUR 34.3 billion during the period from 1 January to 31 December 2019 (at exchange rates as of 30 June 2012). Since its transfer, the notional volume of the trading portfolio has been reduced by EUR 927.2 billion or 87.1%.

Clusters	Notional	Notional	Notional volume (at exchange rates as of 30/6/2012)		Notional volume (at exchange rates as of 31/12/2019)	
	31/12/2019 EUR million	31/12/2018 EUR million	Change to 31/12/2018 EUR million	Change to 31/12/2018 in %	Notional 31/12/2019 EUR million	FX effect ¹ EUR million
Rates	134,324.9	168,413.2	-34,088.3	-20.2	135,316.0	991.1
Other	2,470.3	2,648.3	-178.0	-6.7	2,127.7	-342.6
Total	136,795.2	171,061.5	-34,266.3	-20.0	137,443.6	648.4

¹ Change in notional volume due to exchange rate effects.

The reduction was largely as a result of maturities. The principal driving force was the Rates cluster with a total notional decrease of EUR 34.1 billion. This decline resulted primarily from maturities of around EUR 28.5 billion, active reduction measures totalling EUR 7.5 billion and offsetting hedging transactions in the amount of EUR 1.9 billion.

The notional volume of the remaining cluster ("Other") did not change significantly.

EAA's overall situation

Earnings situation

The EAA's earnings situation was impacted by the net interest result of EUR 80.9 million, loan loss provisions which together with the results from financial assets and shareholdings came to EUR 78.5 million, as well as by general administrative expenses of EUR 135.7 million and the net fee and commission result of EUR -17.7 million. Personnel expenses totalled EUR 23.4 million. Other administrative expenses of EUR 112.3 million were comprised mainly of expenses for services rendered by EFS, as well as by IBM and MSPA.

The year-on-year decline in the net interest result is attributable to the declining interest-bearing business arising from the portfolio reduction as well as to a non-recurring effect. The results from financial assets and shareholdings and the risk provisioning were positive. This is due in particular to the improved economic environment compared with when the corresponding assets were taken over.

The net fee and commission result is mainly attributable to the fees payable on the equity capital drawing limit. The net trading result of EUR 6.5 million was down on the same period of the previous year. The decline of EUR 6.0 million is due in particular to one-off effects in the previous year in the valuation reserves.

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Overall, the results after taxes amounted to EUR -2.7 million (previous year: EUR 2.6 million). Because of the advanced state of portfolio reduction, losses cannot be ruled out in the next few fiscal years and have been taken into account in the EAA's winding-up planning.

Income statement

	1/1-31/12/2019	1/1-31/12/2018	Change	
	EUR million	EUR million	EUR million	in %
Net interest result	80.9	114.4	-33.5	-29.3
Net fee and commission result	-17.7	-18.3	0.6	3.3
Net trading result	6.5	12.5	-6.0	-48.0
Total other operating expenses/income	-14.5	65.1	-79.6	>-100
Personnel expenses	-23.4	-32.0	8.6	26.9
Other administrative expenses	-112.3	-128.5	16.2	12.6
Results from financial assets and shareholdings	29.7	-13.5	43.2	>100
Results prior to risk provisioning	-50.8	-0.3	-50.5	>-100
Loan loss provisions	48.8	4.7	44.1	>100
Results before taxes	-2.0	4.4	-6.4	>-100
Taxes	-0.7	-1.8	1.1	61.1
Net result for the year	-2.7	2.6	-5.3	>-100
Net retained losses brought forward	-2,358.0	-2,360.6	2.6	0.1
Net retained losses	-2,360.7	-2,358.0	-2.7	-0.1

Net interest result

At EUR 80.9 million, net interest result was down on the previous year (EUR 114.4 million).

In addition to net interest income (EUR 74.1 million [previous year: EUR 105.2 million]), the net interest result also included the current income from equities, other non-fixed-income securities, long-term equity investments and shares in affiliates (EUR 2.6 million [previous year: EUR 4.2 million]) as well as income from profit pooling, profit transfer and partial profit transfer agreements (EUR 4.2 million [previous year: EUR 5.1 million]).

The interest income arose from lending and money market transactions totalling EUR 414.7 million (previous year: EUR 371.5 million) and from fixed-income securities and debt register claims in the amount of EUR 135.5 million (previous year: EUR 153.3 million).

The interest income was offset by interest expenses of EUR 476.1 million (previous year: EUR 419.6 million).

Net fee and commission result

The year-on-year increase of EUR 0.6 million in the net fee and commission result to EUR -17.7 million (previous year: EUR -18.3 million) was primarily due to the services for a subsidiary which were provided for the first time for the full year. The fees payable on the equity capital drawing limit and guarantee fees were higher than the incoming fees.

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Net trading result

The net trading result amounted to EUR 6.5 million (previous year: EUR 12.5 million) and is composed of the interest, foreign exchange and valuation result in the amount of EUR 6.8 million and of changes in the model reserves totalling EUR 0.3 million.

Total other operating expenses/income

The balance of other operating expenses and income amounted to EUR -14.5 million (previous year: EUR 65.1 million), largely as a result of the creation of provisions in 2019 and the reversal of provisions for value-added tax risks in 2018 (EUR 62.4 million).

General administrative expenses

General administrative expenses in the previous fiscal year totalled EUR 135.7 million (previous year: EUR 160.5 million). The EAA's personnel expenses accounted for EUR 23.4 million of this amount (previous year: EUR 32.0 million).

Of the other administrative expenses amounting to EUR 112.3 million (previous year: EUR 128.5 million), EUR 46.0 million (previous year: EUR 52.2 million) was due to the cooperation agreement with EFS and EUR 15.1 million (previous year: EUR 17.7 million) to the service agreement with MSPA to support the EAA with portfolio management and all associated activities. Additional costs of EUR 4.7 million (previous year: EUR 3.5 million) were incurred in connection with asset-sustaining measures. These include, in particular, expenses relating to the restructuring of exposures at risk of default.

Loan loss provisions

There was a net release of EUR 48.8 million (previous year: EUR 4.7 million) from loan loss provisions in fiscal year 2019. The EAA has appropriately taken into account all recognisable risks.

Results from financial assets and shareholdings

Financial assets and shareholdings produced net income totalling EUR 29.7 million (previous year: net expenses of EUR 13.5 million). This included net income in the amount of EUR 22.2 million from shareholdings in the financial assets portfolio and EUR 7.5 million from securities.

The net result from shareholdings arose essentially from income from reversals of write-offs (EUR 18.4 million), payments above the respective carrying amounts (EUR 13.1 million) and selling shareholdings (EUR 5.6 million). This was offset mainly by expenses from loss assumptions (EUR 9.5 million) and expenses from write-offs of shareholdings (EUR 5.0 million).

Taxes

Taxes comprise taxes on income and earnings in the amount of EUR 0.7 million (previous year: EUR 1.7 million), which mainly relate to foreign withholding taxes, and other taxes totalling EUR 0.0 million (previous year: EUR 0.1 million).

Net result for the year

The net result for the year amounted to EUR -2.7 million (previous year: EUR 2.6 million) and increased net retained losses carried forward to EUR 2,360.7 million.

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Financial position and issuing activity

Key tasks in the refinancing process

The EAA is an issuer of securities and operates on the capital market as an independent legal entity with its own rating for the purposes of refinancing and winding-up activities. The EAA commissions financial institutions to distribute its issues to suitable investors.

The EAA's management and Asset Liability Committee (ALCO) make strategic decisions regarding the issuing schedule, the issuing prospectus, markets and pricing, while the commissioned financial institutions act as advisors.

Prior to conducting an issuance, the EAA calculates its liquidity needs in preparation for the strategic and operational decision-making process. When doing so, it factors in the maturity structure of liabilities as well as the inflow of liquidity from the repayment of assets.

The EAA draws up a long-term issuing strategy, which is regularly reviewed – supported by consultations with banks and feedback from investors – and then modified if necessary. The documentation for the issuing prospectuses is prepared jointly with the commissioned financial institutions and external legal advisors.

Current funding volume

The total notional amount of the portfolio of issued bearer bonds, promissory note loans and commercial paper was EUR 19.8 billion as of the reporting date. It included the global Commercial Paper Programme with a notional amount equivalent to EUR 9.2 billion.

The notional volume of new issues for medium and long-term funding amounted to EUR 3.0 billion during the reporting period, of which EUR 2.0 billion was accounted for by bonds denominated in US dollars (USD 2.3 billion).

New notes were issued during the reporting period under the global Commercial Paper Programme, of which a notional amount equivalent to EUR 9.2 billion was outstanding at the reporting date. These consisted of USD 8.7 billion (EUR 7.7 billion), GBP 0.8 billion (EUR 0.9 billion) and EUR 0.6 billion.

As of the reporting date, the portfolio contained securities issued by the EAA with a notional volume of EUR 30 million that were repurchased from the market for liquidity management purposes.

In the liquidity stress test, the EAA had net liquidity above the established threshold value at all times during the reporting period.

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Asset position

The EAA's total assets as of 31 December 2019 amounted to EUR 37.8 billion (previous year: EUR 39.7 billion), which, with the inclusion of off-balance-sheet components, amounted to a business volume of EUR 39.8 billion (previous year: EUR 44.2 billion).

Assets

	31/12/2019 EUR million	31/12/2018 EUR million	Change EUR million	in %
Cash reserve	1,768.9	1,400.9	368.0	26.3
Loans and advances to banks	5,662.4	6,023.1	-360.7	-6.0
Loans and advances to customers	8,292.0	9,305.3	-1,013.3	-10.9
Securities (no trading portfolio)	5,432.1	7,050.0	-1,617.9	-22.9
Trading portfolio	15,392.5	14,560.9	831.6	5.7
Long-term equity investments and shares in affiliates	1,063.1	1,280.4	-217.3	-17.0
Other assets	204.0	76.8	127.2	>100
Total assets	37,815.0	39,697.4	-1,882.4	-4.7

Liabilities and equity

	31/12/2019 EUR million	31/12/2018 EUR million	Change EUR million	in %
Deposits from banks	2,119.0	1,872.0	247.0	13.2
Deposits from customers	1,953.1	2,526.8	-573.7	-22.7
Debt securities in issue	17,897.1	20,192.5	-2,295.4	-11.4
Trading portfolio	15,044.8	14,323.8	721.0	5.0
Provisions	105.6	93.1	12.5	13.4
Other liabilities	39.9	31.0	8.9	28.7
Equity	655.5	658.2	-2.7	-0.4
Total liabilities and equity	37,815.0	39,697.4	-1,882.4	-4.7
Contingent liabilities	1,770.3	2,540.7	-770.4	-30.3
Other obligations/loan commitments	186.2	1,970.5	-1,784.3	-90.6
Business volume	39,771.5	44,208.6	-4,437.1	-10.0

Lending business

The lending business comprises loans and advances, payment obligations arising from irrevocable loan commitments, sureties and other guarantees. Contingent liabilities also include Portigon risk exposures that were transferred using the "guarantee" alternative. Loans and advances also contain registered and other non-marketable debt instruments.

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Lending business

	31/12/2019 EUR million	31/12/2018 EUR million	Change EUR million	in %
Loans and advances to banks	5,662.4	6,023.1	-360.7	-6.0
Loans and advances to customers	8,292.0	9,305.3	-1,013.3	-10.9
Contingent liabilities	1,770.3	2,540.7	-770.4	-30.3
Other obligations/loan commitments	186.2	1,970.5	-1,784.3	-90.6
Lending business	15,910.9	19,839.6	-3,928.7	-19.8

Loans and advances to banks declined by EUR 0.4 billion as of 31 December 2019 compared with previous year-end. The decline is mainly attributable to the repayment of time deposits in the amount of EUR 1.3 billion, whereas there was an increase in cash collateral provided (EUR 0.5 billion) and in the provision of cash and cash equivalents (EUR 0.5 billion).

The decline in loans and advances to customers of around EUR 1.0 billion is mostly attributable to principal repayments in the lending business. In addition, the residential construction credit portfolio was spun off retroactively as of 1 January 2019 to a subsidiary, which was sold in the third quarter of 2019.

Securities

The portfolio of bonds and other fixed-income securities, as well as of shares and other non-fixed-income securities, amounted to EUR 5.4 billion (previous year: EUR 7.1 billion) as of the reporting date. EUR 31.0 million (previous year: EUR 50.6 million) was allocated to the liquidity reserve.

Of the total reduction of EUR 1.6 billion, EUR 1.3 billion was accounted for by the redemption of Phoenix bonds.

The EAA had no securities lending transactions, either on the reporting date or in the previous year.

Trading portfolio

Trading assets are recognised in the balance sheet at fair value less a risk discount, or, in the case of trading liabilities, plus a valuation premium. As of 31 December 2019, the EAA reported trading assets and liabilities with carrying amounts of EUR 15.4 billion (previous year: EUR 14.6 billion) and EUR 15.0 billion (previous year: EUR 14.3 billion) respectively. These relate almost entirely to derivative transactions.

The EUR 0.8 billion increase in trading assets and of EUR 0.7 billion in trading liabilities was mainly due to measurement effects or changes in the interest rate level, which exceed the ongoing portfolio reduction.

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Long-term equity investments and shares in affiliates

The EAA has taken over shares of a large number of companies from the former WestLB. As of the reporting date, the carrying amount of long-term equity investments amounted to EUR 37.7 million (previous year: EUR 37.8 million) and shares in affiliates totalled EUR 1,025.4 million (previous year: EUR 1,242.6 million).

The carrying amounts of the long-term equity investments fell only marginally by EUR 0.1 million, mainly due to a reversal of write-offs at a foreign bank (EUR 4.1 million), which was offset by capital reductions on several foreign shareholdings and the sale of a domestic bank (EUR 1.2 million).

The volume of shares in affiliates fell by EUR 217.2 million, mainly because of a capital withdrawal (EUR 188.1 million) at one domestic affiliate and capital reductions on several domestic affiliates (EUR 8.0 million) and one foreign affiliate (EUR 31.3 million). This was offset in particular by a revaluation of a domestic company (EUR 11.3 million).

The balance sheet items long-term equity investments and shares in affiliates also include equity interests from loan restructuring (debt-to-equity swap).

Deposits from banks and customers

As of 31 December 2019, deposits from banks totalled EUR 2.1 billion (previous year: EUR 1.9 billion). Of this total, EUR 1.7 billion (previous year: EUR 1.4 billion) was accounted for by cash collateral received.

The deposits from customers in the amount of EUR 2.0 billion (previous year: EUR 2.5 billion) mainly consisted of issued registered bonds equalling EUR 1.7 billion (previous year: EUR 1.9 billion).

Issuing business

The portfolio of debt securities in issue totalled EUR 17.9 billion (previous year: EUR 20.2 billion) as of the reporting date.

Please see the "Financial position and issuing activity" section for more information on issuing activities.

Provisions

Provisions amounted to EUR 105.6 million (previous year: EUR 93.1 million) as of 31 December 2019. The predominant part of the existing provisions is attributable to winding-up activities. A provision of EUR 2.7 million was established for legal risks. The EAA also created provisions of EUR 2.1 million for tax liabilities.

Equity

The EAA's subscribed capital remained unchanged at EUR 500,000 as of 31 December 2019. In addition, the first transfer of risk exposures and non-strategic business units of the former WestLB created a capital reserve in the amount of around EUR 3,013.2 million. Due to the refill in fiscal year 2012 the capital reserve was reduced by EUR 123.8 million (of which EUR 13.1 million in 2013 was due to a contractual value adjustment clause) to its current level of EUR

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3.0 billion. This reduction was essentially caused by the measures agreed in the content of the key point agreement dated 29 June 2011 and the binding protocol dated 18 June 2012.

As of the reporting date, the equity capital under HGB stood at EUR 655.5 million (previous year: EUR 658.2 million). Besides the net retained losses, this amount included other retained earnings of EUR 2.4 million resulting from the reversal of provisions whose values decreased due to revisions in the method to measure liabilities under BilMoG.

For further information about these changes, please refer to the section "Wind-up report".

Summary of the business situation

As planned, the reduction of the portfolio generated a lower net interest result for the EAA. The fee and commission expenses and administrative expenses incurred led to a negative result. As of 31 December 2019 the income from the reversal of risk provisions could not offset this, so that a loss was reported for 2019.

The EAA's assets are in good order. Its equity as of 31 December 2019 amounted to EUR 655.5 million. Adequate liquidity was available at all times.

Significant events requiring disclosure that have occurred after 31 December 2019 are described in the notes to the financial statements ("Subsequent events" section).

Financial and non-financial performance indicators

Financial performance indicators

As the EAA's aim is to wind up transferred assets in a manner that preserves value and minimises risk, the financial performance indicators used for the EAA's internal management purposes are not comparable with the performance indicators normally used by banks.

Return on equity, for instance, is not in the foreground of the EAA's business strategy. Instead, the EAA is managed by performance indicators that show, among other things, the effects on its earnings situation or on its wind-up result. These performance indicators include the portfolio reduction in the banking book or the trading portfolio, as well as net interest and net fee and commission result. These performance indicators are reported in the wind-up reports on a regular basis in both absolute and relative terms. The starting point for the analysis of the overall portfolio's wind-up success is 31 December 2011 for the banking book and 30 June 2012 for the trading portfolio (see also the "Wind-up report" section).

Moreover, there are further performance indicators in the "performance indicator cockpit" of the quarterly wind-up reports. These performance indicators include ratios for maturities for the banking book portfolio and income statement ratios in relation to total assets, the risk provisioning ratio on the portfolio as a whole and on the sub-portfolios as well as the cost/income ratio. Both historical values and current values are used to analyse these performance indicators.

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The specifics of the financial performance indicators are set out in the “Wind-up report” and “EAA’s overall situation” sections.

Non-financial performance indicators

Employees

Highly qualified, motivated, creative and loyal employees with a willingness to perform and personal responsibility are a major success factor of the EAA.

Thanks to their identification with the EAA and their commitment, these employees make a pivotal contribution to the fulfilment of the public mandate of the EAA. When doing so, their talent, skills and potential are supported and encouraged through a high level of individual responsibility as well as targeted training measures. The employees are regularly assessed as part of an annual performance management process and through continuous feedback.

Human resources work creates an environment in which the employees are able to develop and enhance their qualifications as best as possible based on their current phase of life. This is a key factor in employee loyalty and identification with the EAA. In winding up the portfolio, the EAA has taken on a complex public mandate and therefore has high standards when it comes to its employees. To secure this expertise, personnel management measures are offered, such as including multidisciplinary projects, job rotation and programmes for developing personal skills.

The EAA maintains a performance-oriented culture characterised by mutual respect.

As of 31 December 2019, the EAA employed 159 members of staff (excluding three Managing Board members). The number was slightly lower compared with the previous year (31 December 2018: 160). The target figure is adjusted regularly to requirements and is currently 148 employees. The change in employee numbers – and therefore the comparison between the target figure and actual employee numbers – represents a non-financial performance indicator for the EAA, which is reviewed annually as part of the winding-up planning and adjusted to present circumstances during the year, if necessary.

Reputation and acceptance

As a public institution, the EAA needs the acceptance and trust of governments and the general public in order to successfully fulfil its mandate. The EAA also attaches special importance to its public image since it impacts its funding options on the capital market. With this in mind, potential reputational risks are extremely important for the EAA.

The EAA mitigates these risks through media and public relations activities that are designed to deliver the greatest possible transparency. Aside from regular publications such as annual and interim reports or the latest information on the EAA’s website, this also includes contact with representatives of business and financial publications as well as the public media.

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Furthermore, the employees foster an understanding for the special features of the EAA's wind-up mandate by maintaining contact with multiplier groups, for example by taking part in conferences or holding talks with political and financial representatives and with investors.

The EAA also boosts awareness of the EAA and its local anchoring in the Düsseldorf region by encouraging its employees to get involved in their communities.

Risk, opportunities and forecast report

Risk report

A common objective of the liable stakeholders, the FMS and the EAA is to minimise its strategic wind-up risk, that is to say, the risk of a negative deviation from the economic targets in the winding-up plan and suffering higher-than-planned losses from winding up the portfolio. The EAA made further progress during the reporting period towards realising its wind-up mandate.

The figures and developments discussed in this section are regularly reported to the FMSA as part of its supervision of the EAA. They relate to the entire assets transferred to the EAA, regardless of whether these figures are recorded on- or off-balance-sheet in the EAA's separate financial statements, or whether they are held via subsidiaries (look-through approach).

Risk management organisation

The EAA is supervised by BaFin with regard to those provisions of banking law that are applicable to the EAA. MaRisk are almost entirely applied by the EAA.

The EAA is different from a commercial bank. This has a significant impact on its risk strategy. As the EAA does not acquire new business, but rather only increases lines of credit in exceptional instances in connection with restructuring measures and manages liquidity, the EAA does not have the same functions that are normally included in a bank's risk strategy for managing new business. Nor does the EAA have to apply capital adequacy rules. The requirement to fulfil the wind-up mandate based exclusively on the existing equity and not having to call upon any other equity instruments or the liable stakeholders' duty to offset losses is a significant challenge for the quality and capability of the risk management team.

The aim of the EAA's risk management is therefore to minimise strategic wind-up risk. The risk management team's responsibility is to map, analyse, manage and monitor the EAA's risks using a comprehensive risk reporting system.

The Managing Board determines the risk strategy. The Risk Committee of the Supervisory Board discusses the risk strategy and the risk policy principles set down therein with the Managing Board. On the recommendation of the Risk Committee, the Supervisory Board will decide on the principles relating to risk assumption contained in the risk strategy.

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The general risk management strategy forms the basis for the risk management framework. It contains the basic principles for risk management, defines the key risk categories and identifies the core elements of the risk management process. The general risk management strategy is supplemented by specific strategies for managing individual risks, including the related wind-up strategies. The key individual strategies relate to the risk categories of credit risks, market price risks, liquidity risks, longevity risks, operational risks and other risks. The risk management strategies are reviewed at least once a year.

The Managing Board has established a framework of various interdisciplinary committees throughout the institution to aid it in fulfilling its responsibility to manage risks. As Managing Board committees, these committees are permanent institutions of the EAA. They serve as central decision-making, management and information-gathering bodies which assist in dealing with strategic issues related to portfolio management and the winding-up plan.

The committees which make decisions regarding risk management strategies and methods are the:

- △ Risk Committee (RiskCo) – covers portfolio management and in particular the management of credit risks; and the
- △ Asset Liability Committee (ALCO) – covers the optimisation of asset/liability management, monitoring and managing operational liquidity, funding, interest rate and foreign exchange risks, the trading portfolio as well as operational and other risks

The Risk Controlling department is responsible for the independent monitoring and communication of the EAA's risks. Its tasks include in particular the following:

- △ Supporting management in connection with all risk policy issues, especially in the development and implementation of the risk strategy as well as in the organisation of a system for mitigating risks,
- △ Conducting a risk inventory and preparing the overall risk profile; and
- △ Assisting management with the establishment and development of risk management and risk controlling processes.

The Risk Controlling department is responsible for monitoring market price, counterparty, liquidity and operational risks. The Credit Risk Management department comprises the back-office function in the lending business as defined by MaRisk. In particular, this department functions as the lending authority. It is also responsible for credit risk steering and credit risk controlling, and is supported by the Controlling & Planning department. The Risk Controlling and Credit Risk Management departments monitor and analyse risk exposures as well as the utilisation of the limits. They also take measures to reduce risks if necessary.

The risk management system is regularly reviewed by the EAA's Internal Audit department.

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Risk reporting

Risks can be controlled and monitored in a sustainable manner only if they are transparent, and the underlying analysis results are prepared and communicated in a manner that is conducive to decision-making processes. For this reason, risk reporting is among the key tasks of the Risk Controlling department, which fulfils this responsibility together with the Controlling & Planning department. The FMSA, the responsible committees, the Managing Board as well as the Supervisory Board and its committees are informed on a regular basis of any and all developments that might have an impact on the institution's risk or earnings situation. Risk reporting is a component of the monthly wind-up report and the quarterly risk report.

The Managing Board keeps the Supervisory Board and its committees regularly informed of the EAA's current wind-up status and the general risk situation, based on wind-up reports and a separate risk report that is adapted to fulfil the information requirements of the governing bodies.

Credit risks

Under credit risks, the EAA distinguishes between default risks, migration risks, counterparty risks, issuer risks and participation risks:

- △ Default risk comprises potential losses incurred if a borrower is unable or unwilling to comply, in part or in full, with his contractual obligations, specifically the obligation to repay his loan.
- △ Migration risk comprises potential losses calculated mathematically if the amount of the expected loss on interest and principle payments increases as a result of a deterioration in a borrower's creditworthiness.
- △ Counterparty risk comprises potential losses from the default of counterparties of derivatives transactions or where their creditworthiness deteriorates. Counterparty risk also includes settlement risk. Counterparty risk is determined for both the banking book and the trading portfolio.
- △ Issuer risk comprises potential losses that arise if issuers of securities held in the portfolio fail to perform or if their creditworthiness deteriorates.
- △ Participation risk includes potential losses due to omission of dividends, impairments, losses on disposals and a reduction in hidden reserves from the EAA's shareholdings.

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Analysis and assessment of credit risks

EAA's Risk Controlling department in conjunction with the Credit Risk Management department continuously analyses and monitors the loan portfolio and its default and migration risks. In order to assess the potential consequences of systemic crises, stress tests are performed regularly to monitor how a portfolio-wide rating downgrade of several rating categories would impact the expected loss. The amount of loan loss provisions and changes to that amount are estimated at the general portfolio level. A total of three stress scenarios for default risks as well as inverse stress scenarios for the exposure of the eurozone periphery are applied when preparing the winding-up plan. Moreover, the portfolio is monitored for concentration risks in individual sub-portfolios, asset classes and regions.

The EAA assesses credit risk in terms of both the overall portfolio and individual exposures. Credit quality and default probabilities are regularly assessed on the basis of balance sheet analyses and ratings. A clearly defined process facilitates the analysis of problematic exposures and the determination of alternative options, which are presented to the relevant competent individuals or bodies of the EAA for approval. Additional cluster and portfolio analyses are performed separately for significant individual exposures.

A central focus of portfolio analysis also includes problem loans. These are intensively monitored and actively managed. The EAA GW provides a mechanism for monitoring problem loans and exposures under intensive supervision. Additional details are provided in the "Problem loans and risk provision" section. The appropriateness of risk provisioning is determined by analysing the recoverable value of the loan/advance, the expected cash flow and the existing collateral.

Management of credit risks

The most important tools used to manage credit risk are the restructuring or sale of loans, taking into account the effect of the winding-up plan. Additionally, the EAA can enter into credit default swaps and other credit derivatives to hedge individual exposures.

Default risks are generally limited to the amount of the credit lines that Portigon had provided prior to the date the portfolio was transferred. Increases are permitted exceptionally only in connection with restructuring measures, provided they contribute to the loss reduction. When borrowers repay portions of their loans, the committed credit lines and the limits are reduced by a corresponding amount.

Migration risks and rating distributions within the portfolio are monitored regularly and reported to the EAA's relevant supervisory bodies. Rating downgrades for individual exposures are assessed as part of the credit process and the exposures concerned are reviewed to check for alternative courses of action; these options may include restructuring or sale. The approach towards the borrower is then approved by the relevant individuals with the appropriate level of authority according to the authority rules.

The EAA analyses counterparty risks by monitoring and assessing the exposures using internal calculations. The method used to determine the exposure for OTC derivatives takes collateral and netting into account. Master agreements with netting and symmetrical collateralisations are used to mitigate counterparty risks.

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Issuer risks from the trading portfolio are limited to the amount of the transferred exposures towards individual issuers as part of the refill. Issuer risks are monitored and managed in the same manner as default risks.

Credit risks – banking book

The credit risk of the EAA and its subsidiaries is regularly analysed so as to identify, analyse, evaluate and manage all default risks within the portfolio. The EAA uses a variety of parameters – such as risk type, rating categories, maturities and regions – to identify risk concentrations.

The notional volume of the banking book portfolio (which primarily consists of loans and securities) declined by EUR 3.3 billion during 2019 to EUR 14.9 billion (at constant exchange rates as of 31 December 2011). Please refer to the section “Wind-up report” for more detailed information on the wind-up success.

Breakdown of notional volume by internal rating category¹

	31/12/2019 EUR billion	31/12/2018 EUR billion
A0-A2	0.8	1.0
A3-A5	3.8	5.2
B1-B3	0.6	0.7
B4-B5	1.8	2.9
C1-C2	3.3	2.7
C3-C5	1.4	1.8
D1-D3	0.6	0.9
D4-E	0.6	0.9
S.R.	1.4	1.5
N.R.	0.5	0.6
Total	14.9	18.2

¹ Excluding exchange rate effects (based on exchange rates as of 31 December 2011).
Note: Where possible, the internal rating categories are based on the guarantor’s rating.

The quality of the banking book portfolio is reflected in an investment grade rating share (rating categories A0-C2) of around 69% (31 December 2018: 69%). About 31% (31 December 2018: 34%) of the notional volume has a very good rating (A0-A5) and around 39% (31 December 2018: 35%) is assigned to the mid-rating categories B1-C2. The rating category S.R. includes the opening clauses of the rating process and has a share of around 9% of the total portfolio (31 December 2018: 8%).

The EAA continues to aim for a portfolio reduction across all rating categories. The EUR 1.4 billion reduction in the A3-A5 rating category is largely due to repayments of EUR 1.2 billion for Phoenix notes in this rating category. The EUR 1.1 billion reduction in rating category B4-B5 is mainly due to a rating downgrade of one issuer, which led to an increase in rating category C1-C2.

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The following table shows the reconciliation of the EAA's internal ratings to external ratings.

INTERNAL EAA	EXTERNAL			
	Moody's	S&P	Fitch	
A0	Aaa	AAA	AAA	
A1	Aaa	AAA	AAA	
A2	Aa1	AA+	AA+	
A3	Aa2	AA	AA	
A4	Aa3	AA-	AA-	
A5	Aa3	AA-	AA-	
B1	A1	A+	A+	Investment grade
B2	A2	A	A	
B3	A3	A-	A-	
B4	Baa1	BBB+	BBB+	
B5	Baa2	BBB	BBB	
C1	Baa2	BBB	BBB	
C2	Baa3	BBB-	BBB-	
C3	Ba1	BB+	BB+	
C4	Ba2	BB	BB	
C5	Ba3	BB-	BB-	
D1	B1	B+	B+	Non-investment grade
D2	B2	B	B	
D3	B3	B-	B-	
D4	B3	B-	B-	
D5	Caa1 to C	CCC+ to C	CCC+ to C	
E	C	C	C	

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Breakdown of notional volume by clusters^{1,2}

	31/12/2019 in %	31/12/2018 in %
Structured Securities	41.0	42.0
Public Finance & Financial Institutions	27.3	26.1
Real Assets	17.2	19.0
Structured Products	9.0	7.6
Corporates	5.1	4.8
Equity/Mezzanine	0.4	0.3
Total	100.0	100.0

¹ 31 December 2019 = EUR 14,9 billion; 31 December 2018 = EUR 18,2 billion.

² Excluding exchange rate effects (based on exchange rates as of 31 December 2011).

The EAA's banking book portfolio consists of six clusters. The largest cluster, Structured Securities, with a total share of 41.0%, consists of three sub-portfolios: Phoenix (59.3% – please refer to the section "Phoenix" for further details), ABS (30.9%) and Dritte EAA (9.9%).

Breakdown of notional volume by maturities^{1,2}

	31/12/2019 EUR billion	31/12/2018 EUR billion
<= 6 M	0.5	0.2
> 6 M <= 1 Y	0.5	0.3
> 1 Y <= 5 Y	1.6	3.0
> 5 Y <= 10 Y	3.6	4.4
> 10 Y <= 20 Y	5.1	6.3
> 20 Y	3.6	4.0
Total	14.9	18.2

¹ For assets with no fixed or with very long maturities: expected repayment profile.

² Excluding exchange rate effects (based on exchange rates as of 31 December 2011).

The reduction in the maturity range of one year to five years arises mainly from maturity-related shifts in the two maturity ranges with remaining terms to maturity of up to six months and from six months to one year, which rise accordingly, as well as a partial repayment of the Phoenix A3 note.

The reduction in the maturity range of ten to 20 years relates in particular to the guarantee drawings of the Phoenix B note.

The other changes within the maturity ranges reflect the portfolio management measures undertaken and amortisation during 2019.

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Breakdown of notional volume by region¹

	31/12/2019 EUR billion	31/12/2018 EUR billion
Americas ²	7.3	9.1
EMEA	6.0	7.1
Germany	1.4	1.7
APAC	0.2	0.3
Total	14.9	18.2

¹ Excluding exchange rate effects (based on exchange rates as of 31 December 2011). The regional breakdown by borrowers or for securitisations is based on the main risk country of the asset pool.

² Contains EUR 1.8 billion for the Phoenix B note guaranteed by the State of NRW.

The regional breakdown of the notional volume hardly changed compared with 31 December 2018. Approximately 49% of the notional volume was attributable to the Americas region (31 December 2018: 50%). Repayments were the main reason for a decline of EUR 1.8 billion in the Americas region, particularly in the Structured Securities cluster (largely Phoenix).

About 40% of the notional volume (31 December 2018: 39%) was attributable to the EMEA region – Europe (excluding Germany), Middle East and Africa.

The share of German borrowers and guarantors (share of portfolio: about 9%; 31 December 2018: 10%) is almost unchanged.

The APAC region represents around 2% (31 December 2018: 1%) and was also almost unchanged.

The EAA's banking book portfolio was backed by the following collateral:

Breakdown of types of collateral of the banking book

	31/12/2019 EUR billion	31/12/2018 EUR billion
Guarantees	2.9	3.9
Aircraft/Ships	0.1	0.2
Financial collateral	0.1	0.1
Real estate	-	0.2
Other collateral ¹	2.1	2.6
Total	5.2	6.9

¹ Including market values for Phoenix tranches.

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Problem loans and risk provision

Problem loan exposures are subject to special risk monitoring pursuant to MaRisk. Loan exposures with notable risk profiles are subject to intensive monitoring. Loan exposures with increased risk profiles or which have already experienced actual defaults as well as non-performing loans are transferred to the Problem Loans Processing function.

Problem loan exposures are recorded centrally in the EAA GW. It serves as a core basis for risk control and risk management of credit risks. The EAA GW is defined as an early warning system in accordance with MaRisk. It serves to record, monitor and report on individual loan exposures that have a notable or heightened risk profile, expected or actual defaults, or for which a specific risk provision has been recognised.

Exposures are included in the EAA GW in different categories based on defined risk indicators. The information and data recorded in the EAA GW are managed, monitored and regularly reported to facilitate tight control. The EAA GW also forms the basis for regular reporting to the EAA's governing bodies and to the FMSA on the current risk situation with regard to these loans and to the corresponding risk provisioning.

The recoverability of loans and advances is reviewed by ad hoc and regular performances of an impairment test (a test to determine whether a loan or advance is non-performing or at risk of non-performance, therefore resulting in a risk provisioning requirement). The assessment of a possible need for a risk provision takes into account collateral values, company valuations, discounted cash flow analysis or observable market prices. It is reviewed on a regular basis.

The general valuation allowance is calculated on the basis of the expected loss over a one-year period. The computation is performed using individual company-specific loss rates and conversion factors as well as ratings, after taking into account the transfer-stop risk of the funding. This means that a separate model for country risk is not necessary. The general allowance for the derivatives of the banking book is calculated through the computation of the CVA of this sub-portfolio.

Result of risk provisions

	Provisions for loan losses EUR million	Charge-offs EUR million	Net change in loan loss provision EUR million	Other exp./inc. due to risk EUR million	Total allow. losses EUR million
Acute counterparty default risk	51.7	72.2	20.5	15.9	36.4
Credit risk	51.7	72.2	20.5	17.4	37.9
Other risk	-	-	-	-1.5	-1.5
Contingent counterparty default risk	-	12.4	12.4	-	12.4
Total	51.7	84.6	32.9	15.9	48.8

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Other risk expenditure/income primarily include recoveries from written-off receivables.

Special banking book issues

Phoenix

The tranches of the Phoenix Light SF DAC securitisation constitute a major portion of the EAA's structured loan portfolio.

The majority of the securitised Phoenix portfolio is denominated in US dollars and represents US risks, primarily in the property market there.

Phoenix notes capital structure

Tranche	Amount as of 31/12/2019 in million		S&P rating	Legal maturity
Class A3	186.3	USD	BBB+	9/2/2091
Class A4	1,909.0	USD	B-	9/2/2091
	136.5	EUR	B-	9/2/2091
Class B	1,849.3	EUR	N.R.	9/2/2091

Repayments of EUR 0.5 billion and guarantee drawings totalling EUR 0.8 billion resulted in a decrease of the notional volume reported in EUR in the reporting period to EUR 3.6 billion as of 31 December 2019 (at constant exchange rates as of 31 December 2011).

Rating breakdown by internal rating category for Phoenix notes¹

	31/12/2019 EUR billion	31/12/2018 EUR billion
A0-A2	-	-
A3-A5	2.0	3.2
B1-B3	-	-
B4-B5	0.1	-
C1-C2	1.5	1.7
C3-C5	-	-
D1-D3	-	-
D4-E	-	-
S.R./N.R.	-	-
Total	3.6	4.8

¹ Excluding exchange rate effects (based on exchange rates as of 31 December 2011).

Note: The presentation by internal rating category considers the rating (A3) of the guarantor, the State of NRW, for the Phoenix B note.

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All of the Phoenix notes have an investment grade rating (rating categories A0-C2), taking into account the rating of the State of NRW (the guarantor for the Phoenix B note). Roughly EUR 3.2 billion of this guarantee had been utilised up to 31 December 2019. In addition to the ongoing sale of parts of the portfolio by taking advantage of market opportunities, the EAA continues to work with the parties involved in Phoenix to optimise the portfolio. These measures include both legal measures in relation to individual portfolio securities and the restructuring of non-performing securities.

Public Finance

The exposure to the public sector (including the liquidity portfolio) as of 31 December 2019 totals a notional amount of EUR 3.8 billion (excluding exchange rate effects, based on exchange rates as of 31 December 2011). EUR 2.5 billion of this amount is attributable to the UK, Ireland, Italy, Portugal and Spain. Further information can be found in the section "Exposures to selected EU member states and the UK".

Securities account for 83% of the total public-sector exposure (including regional and municipal borrowers). Some of these are held directly by the EAA and some by EAA CBB. Lending transactions involving federal, municipal or other public-law institutions account for a share of 16%. Derivative transactions involving federal, municipal or other public-law institutions account for 1% of the portfolio.

The largest part of the overall exposure, at 81%, is attributable to borrowers or issuers from the eurozone, with the remaining volume coming from other European countries outside the eurozone, Africa and the Middle East (10%), North and South America (7%), and Asia and Australia (2%).

Credit risks – trading portfolio

Trading portfolio credit risks are divided into counterparty risk (pre-settlement risk and settlement risk) from derivatives and issuer risk from securities.

Issuer risks from securities in the trading portfolio are calculated using market values, while those in the banking book are determined on the basis of carrying amounts. A distinction is drawn between collateralised and non-collateralised counterparties in order to determine the replacement risks (pre-settlement risks) from derivatives. The market value plus a regulatory premium is used as the replacement risk for non-collateralised counterparties. For collateralised counterparties, the market value, collateral and a premium based on VaR are calculated as the replacement risk. Settlement risks are determined using the payment due per value date. Credit risks from trading transactions are compared with the corresponding credit limits on a daily basis. Risk-mitigating measures, such as close-out netting (offsetting) and collateral in the OTC derivatives business, are used whenever possible. Active hedging of risk exposures takes place only with counterparties with whom corresponding master agreements are in place.

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OTC derivative counterparty default risks are assessed independently from the front office using CVA. When doing so, externally traded credit spreads, where available, are used to determine the probability of default. The expected loss can be calculated as CVA based on expected future exposures and a statistically determined recovery rate. The CVA in the trading portfolio amounted to EUR 3.0 million as of 31 December 2019 (31 December 2018: EUR 7.9 million). The EUR -4.9 million decline in CVA is attributable to novations (EUR -2.5 million), the improvement in computing the CVA decided by ALCO (EUR -0.8 million), LGD/rating changes (EUR -0.6 million), credit spread changes (EUR -0.5 million) and matured derivative transactions/sales (EUR -0.5 million).

Counterparty and issuer risks

Direct counterparty risks

As the EAA concludes OTC derivatives both from the trading portfolio as well as the banking book, and as counterparty risks are measured and controlled per counterparty, the explanations and figures below relate to both the trading portfolio and the banking book. In accordance with an established management process, risks are managed by the Treasury/Capital Markets department, a front-office function, and the Credit Risk Management and Risk Controlling departments, which are back-office functions.

The following table shows direct risks with active strategic counterparties. Direct risks are counterparty risks from those transactions which the EAA accounts for directly in its balance sheet and not those that have been transferred to it synthetically.

	31/12/2019	31/12/2019	31/12/2018	31/12/2018
	Exposure	Limit	Exposure	Limit
	EUR million	EUR million	EUR million	EUR million
Credit risk – money market positions ¹	1,549.8	5,183.5	2,876.4	5,223.5
Counterparty risk – OTC derivatives (pre-settlement risk)	372.2	2,358.0	293.0	2,433.0
Counterparty risk – repos	-	564.0	2.0	604.0

¹ All money market transactions with counterparties outside the EAA Group have a maximum maturity of up to six months.

Compared with year-end 2018, the changes in the credit risk for money market positions as of 31 December 2019 were driven primarily by active liquidity management for the purpose of reducing liquidity risks. Counterparty risks from OTC derivatives are driven by transactions for liquidity steering (foreign exchange swaps) and interest rate hedging instruments (interest rate swaps).

When evaluated by risk country, the country concentrations for money market positions, OTC derivatives and repos are as follows.

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Money market positions

Risk country	31/12/2019 Exposure EUR million	31/12/2019 Limit EUR million
Germany	1,235.5	2,432.0
Finland	314.3	315.0
France	-	985.0
Other countries	-	1,451.5
Total	1,549.8	5,183.5

OTC derivatives

Risk country	31/12/2019 Exposure EUR million	31/12/2019 Limit EUR million
UK	218.3	1,170.0
Germany	99.6	643.0
France	45.3	420.0
Other countries	9.0	125.0
Total	372.2	2,358.0

Repos

Risk country	31/12/2019 Exposure EUR million	31/12/2019 Limit EUR million
Germany	-	179.0
UK	-	115.0
France	-	105.0
Other countries	-	165.0
Total	-	564.0

Issuer risks

In accordance with an established management process, issuer risks are managed by the Treasury/Capital Markets department, a front-office function, and the Credit Risk Management and Risk Controlling departments, which are back-office functions.

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The following table shows the issuer risks of the banking book, broken down by sub-portfolios.

	< 1 Y	1-4 Y	4-8 Y	8-15 Y	> 15 Y	Total exposure
	EUR million	EUR million	EUR million	EUR million	EUR million	EUR million
Public Finance	530.9	323.4	1,005.7	1,131.1	635.0	3,626.1
Financial Institutions	25.3	-	-	20.3	-	45.6
Other securities	1.3	21.6	180.2	157.5	2,664.5	3,025.1
Total 31/12/2019	557.5	345.0	1,185.9	1,308.9	3,299.5	6,696.8
Total 31/12/2018	136.4	880.8	1,102.0	1,610.2	3,659.6	7,389.0

The Public Finance sub-portfolio accounts for a significant share at just over EUR 3.6 billion. The remaining issuer exposures are made up of Financial Institutions securities as well as Other securities, comprising mainly US student loans.

Participation risks

Participation risks result from the provision of subordinated capital and equity. Managing participations is mainly the responsibility of the EAA's Legal & Strategy department. The EAA's Controlling & Planning department supports the participation controlling process.

Of the total portfolio of the EAA Group, a notional volume of EUR 2.9 billion (19.3%) is held by subsidiaries, mainly consisting of EAA CBB with EUR 1.2 billion (41.2%), Erste EAA Anstalt öffentlichen Rechts & Co. KG with EUR 1.1 billion (37.7%) and Dritte EAA Anstalt & Co. KG with EUR 0.6 billion (21.1%).

EAA CBB was included in the risk management and business management of the EAA. The subsidiary is subject to monitoring by the EAA and the EAA's approved internal limit system. Representatives of the EAA exercise non-managerial control functions as members of the governing bodies and committees of EAA CBB. A purchase agreement was concluded via the EAA CBB at the start of 2017, which is subject to the approval of the regulatory authorities, among other things. The approval of the change of ownership is still pending. The agreement currently ends automatically on 30 June 2020 if the sale has not been completed by that date.

Erste EAA Anstalt öffentlichen Rechts & Co. KG holds a portfolio of US life insurance contracts through partnerships under US law. This company is fully funded by the EAA (EUR 1.2 billion).

Dritte EAA Anstalt & Co. KG holds a portfolio of structured securities. The EAA manages the transactions of Dritte EAA Anstalt & Co. KG as its general partner. As the securities continue to fall within the EAA's scope of risk management, on the basis of the look-through approach, the internal reporting has remained virtually unchanged.

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In some situations, the EAA will enter into new participations via restructuring if such an approach is deemed beneficial to preserve the value of the assets (for example with debt-to-equity swaps).

Exposures to selected EU member states and the UK

The banking book exposure of the EAA and its subsidiaries to Greece, the UK, Ireland, Italy, Portugal, Spain and Cyprus of around EUR 3.8 billion as of 31 December 2019 is shown in the table below.

This exposure has been reduced by EUR 0.5 billion since the beginning of 2019. The decline is mostly attributable to Spain (EUR 0.2 billion), Italy (EUR 0.2 billion) and the UK (EUR 0.1 billion).

Country ¹	Debtor group	31/12/2019 Notional in EUR million ²	31/12/2018 Notional in EUR million ²
Greece	Corporates	0.0	0.0
Greece		0.0	0.0
UK	Corporates	510.9	584.5
	Public Finance	137.5	130.8
UK		648.5	715.3
Ireland	Corporates	15.2	30.4
	Financial Institutions	0.0	0.0
	Public Finance	-	30.0
Ireland		15.2	60.4
Italy	Corporates	233.6	281.6
	Public Finance	1,476.6	1,602.6
Italy		1,710.2	1,884.2
Portugal	Financial Institutions	15.4	11.2
	Public Finance	709.1	711.9
Portugal		724.4	723.2
Spain	Corporates	383.1	507.1
	Public Finance	238.0	338.0
Spain		621.1	845.1
Cyprus	Corporates	49.1	56.0
Cyprus		49.1	56.0
Total³		3,768.5	4,284.1
of which	Corporates	1,191.9	1,459.5
of which	Financial Institutions	15.4	11.3
of which	Public Finance	2,561.2	2,813.3

¹ Economic view; may differ from the borrower's legal country of residence (for Corporates and Financial Institutions).

² Based on current exchange rates. Presentation of the notional volume, including hedges (net).

³ Of which EAA subsidiaries: EUR 1,090.0 million (31 December 2018: EUR 1,170.1 million).

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The EAA's total trading portfolio and ALM exposure to banks, companies and governments in the UK, Italy and Spain is shown in the table below.

Product ¹	Value	Country ²	31/12/2019 EUR million ³	31/12/2018 EUR million ³
Other derivatives and ALM	MtM	UK	222.8	261.2
		Italy	274.3	25.1
		Spain	5.9	168.0
Other derivatives and ALM			503.0	454.2
Other	Notional	UK	344.4	29.6
Other⁴			344.4	29.6

¹ ALM = cluster ALM as part of the banking book is identified here as in the internal view and not as a banking book exposure; derivatives = replacement risks from OTC derivatives.

² Economic view; may differ from the borrower's legal country of residence (for Corporates and Financial Institutions).

³ Based on current exchange rates. Presentation of the notional volume, including hedges (net).

⁴ Includes mainly the HSBC nostro balances.

The EAA also analyses potential risks arising from the UK's withdrawal from the EU on 31 January 2020 (Brexit). Existing regulations from when the UK was an EU member will continue to apply for now until the end of 2020. Thereafter, there is a risk that strategic counterparties for financial market transactions (derivative transactions in particular) for hedging market price risks will no longer be available. This could happen, for example, if counterparties previously domiciled in the UK which were operating in Germany via passporting will no longer be allowed to conclude transactions in Germany. In this case, the EAA plans to transfer business to counterparties located in the EU (generally companies with equivalent ratings from the same groups). The same applies to the trade repository selected by the EAA for reporting under EMIR and for the clearing broker for exchange-traded derivative business. The EAA sees no need for action at present as regards further business relationships (brokers, clearing, market data and outsourcing), as these business partners are either located outside of the UK or the EAA has confirmations for corresponding transfers to hand.

By closing its London branch on 31 January 2019, the EFS closed the last operational location of the EAA Group in the UK.

The EAA sees no need to take action on existing agreements, in particular loan and derivative agreements with customers and non-strategic counterparties.

Market price risks

The EAA pursues a strategy of lowering market price risks to the greatest extent possible. Market price risk is controlled via a system of limits. Market price risks in the trading portfolio and the banking book are limited separately. Market price risk exposures are controlled on a daily basis by the Treasury/Capital Markets department and are monitored and analysed by the Risk Controlling department.

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In terms of market price risks, the EAA distinguishes between interest rate risks, foreign exchange risks, equity risks, and credit spread risks:

- △ Interest rate risk describes the risk to the portfolio's net interest result or present value from changes in market interest rates.
- △ Foreign exchange risk describes the risk of losses from changes in exchange rates.
- △ Equity risk describes the risk of losses from changes in prices on the stock market.
- △ Credit spread risk describes the fluctuation in the value of securities resulting from a change in credit risk premiums (for example, on foreign government bonds in the Public Finance portfolio).

Market price risks – banking book

As a result of the portfolio structure, there are interest rate and foreign exchange risks (particularly in relation to the US dollar) that are largely hedged. In accordance with the risk profile, the EAA's hedging activities are mainly focused on the hedging of interest rate and foreign exchange risks.

These risks are hedged by refinancing with analogous currencies and matching maturities or by concluding derivatives transactions.

Interest rate risk (EAA Group)

	31/12/2019 EUR thousand	31/12/2018 EUR thousand
< 1 Y	-16.5	30.4
1-4 Y	-1.1	28.0
4-8 Y	60.3	21.2
8-15 Y	-22.8	-2.4
> 15 Y	-52.6	-31.2
Total	-32.7	45.9

Interest rate risk in the banking book is measured as the change in the present value when the yield rises by one basis point (interest rate sensitivity PV01).

The interest rate sensitivity PV01 is now EUR -32.7 thousand compared with year-end 2018 (EUR 45.9 thousand) due to management and maturity effects. The utilisation is within the limits.

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Foreign exchange risk (EAA Group)

	31/12/2019 EUR thousand	31/12/2018 EUR thousand
AUD	852.4	2,082.1
CAD	718.7	2,862.2
CHF	240.4	957.3
CZK	518.1	1,532.1
GBP	1,049.2	1,439.8
JPY	578.3	2,172.7
SGD	469.6	452.2
USD	7,675.3	-5,838.2
Other	25.9	761.2
Total	12,127.9	6,421.3

Note: The presentation of the previous year's currencies has been restated.

The EAA's currency position is determined based on the principle of special cover in accordance with section 340h HGB. The positions in the various currencies are within the limits. They change as a result of market fluctuations and in the course of normal business operations.

The wind-up strategy aims to realise the intrinsic value of the exposure. The EAA does not take into account short-term capital market fluctuations and associated credit-spread changes when managing its exposures. The exposures are monitored and, if required, decisions are made to exit specific exposures. Therefore, no limits for credit spread risks are in place.

Market price risks – trading portfolio

The trading portfolio is exposed not only to interest rate and foreign exchange risks but also to a limited amount of credit spread risks. The trading portfolio predominantly includes derivatives as well as non-linear option risks. In line with market practice, risks in the trading portfolio are hedged at the portfolio level. This entails residual risks which change due to market movements and developments in the portfolio, and are hedged dynamically (dynamic hedging strategy).

The EAA applies both a VaR model and risk sensitivities to monitor and limit risks. A variety of stress scenarios is also used for risk management purposes. The VaR model calculates interest rate risks, equity risks and foreign exchange risks for the trading portfolio, including the respective volatility risks, on a daily basis. A confidence level of 99% and a one-day holding period are assumed when calculating the VaR.

Historical and parametric stress tests are calculated on a daily basis. These also simulate the effects of market price risks not covered by the VaR, independently of statistically observed probabilities of occurrence.

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The relevant market price risk exposures are continuously subjected to backtesting. This involves comparing the actual market value changes (hypothetical income statement) with the potential market value changes forecast by the VaR model on a daily basis. There were eight backtesting breaches in fiscal year 2019 at the highest level of the portfolio structure of the trading portfolio – especially due to significantly higher market volatility in the third quarter of 2019. From a statistical perspective, two to three instances of exceeded limits must be expected per year for a VaR with a holding period of one trading day and a confidence level of 99%. Despite the eight breaches, the EAA believes the VaR model is confirmed by backtesting, as these outliers are due to the increased volatility of the USD and EUR yield curves from June to August 2019. VaR plays only a minor role in EAA's management. Its effective risk management is based on risk sensitivities.

Value at Risk by clusters

	31/12/2019 EUR thousand	31/12/2018 EUR thousand
EAA Trading	669.8	361.0
Interest Rate Flow	1,080.0	209.4
Interest Rate Exotics	871.1	248.6
Muni GIC Portfolio	127.5	146.0
Credit and Equities	0.2	4.5
Interest Rate Options	-	50.8
Foreign Exchange Options and Hybrids	-	22.5

As of 31 December 2019, the VaR for the trading portfolio rose to EUR 669.8 thousand due to market movements and hedging activities (31 December 2018: EUR 361.0 thousand). The changes in the "Interest Rate Flow" and "Interest Rate Exotics" portfolios are due to the changed market risk limitation. The limitation of the two portfolios was combined in the third quarter of 2019. Therefore, there are risk positions in the subclusters which partially offset each other at EAA trading level.

Liquidity risks

The EAA distinguishes between tactical and strategic liquidity risks.

- △ Tactical liquidity risk is the risk of not being able to generate sufficient liquidity over the short term (time horizon of up to one year) to meet contractual payment obligations.
- △ Strategic liquidity risk is the risk of not being able to implement funding measures set out in the funding plan on the market, in whole or in part.

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The EAA's affiliates are included in the liquidity planning and management process so as to ensure optimal access to liquidity. Due to the duty of the liable stakeholders and the FMS to offset losses incurred, as well as because of their creditworthiness, the EAA is perceived positively in the capital markets. As a result, there is less risk concerning the EAA's specific funding options than there is with regard to systemic market illiquidity.

In order to assess its liquidity, the EAA analyses in detail its funding position, liquidity reserve and funding needs. On the liabilities side, liquidity is assessed by type, volume and time horizon of the funding instruments. The EAA creates a monthly capital commitment balance by comparing the expected cash flows used for liabilities with those arising from assets, taking into account the use of derivatives. This provides information on its need for net funding. To this end, the EAA considers both tactical and long-term strategic liquidity. The tactical liquidity risk is regularly assessed using stress tests.

In order to manage and monitor its liquidity risks, the EAA has implemented a system to closely monitor the implementation of the funding plan. It also maintains a liquidity reserve. Securities with short terms and the best possible credit ratings may be purchased (subject to strict limits) in order to maintain the necessary volume of the liquidity reserve. A significant portion of the EAA's assets are invested in foreign currencies (particularly the US dollar) for longer terms. Foreign currency assets are refinanced using a mixture of foreign currency liabilities, which are issued via the Commercial Paper and Debt Issuance Programme, and using liabilities in euros in combination with long and medium-term cross-currency swaps and short-term foreign exchange swaps.

The limited stress scenarios ("liquidity crisis and downgrade", "liquidity crisis and downgrade USD") demonstrated a viable net liquidity situation as of 31 December 2019 (defined as the total of cumulated cash flows and the liquidity reserve). The liquidity reserve comprises highly liquid securities that are very likely to be eligible for repo transactions to generate new liquidity. The liquidity reserve was around EUR 2.1 billion when the stress test was performed.

Owing to the good ratings of its liable stakeholders and the FMS, the EAA does not consider it necessary to limit the strategic liquidity risk.

Longevity risks

The EAA funds premium payments for US life insurance policies, which are known as life settlement engagements. The payouts from these policies flow to the EAA when the insured individual dies. These policies are bundled in subsidiaries of Erste EAA Anstalt öffentlichen Rechts & Co. KG.

MANAGEMENT REPORT

Longevity risk is the risk that insured individuals live longer than originally calculated. In this respect, the insurance premiums must be paid longer than forecast. Changes to the assessment of the expenses to be borne by the EAA from longevity risks are due to higher premiums demanded by the insurance companies. The EAA believes the increases are legally inadmissible. Five lawsuits (against a total of four insurance groups) are currently pending, two of which were initiated in the reporting year.

Longevity risk is limited to the acquired portfolio. Due to the large number of policies, coupled with a correspondingly high financing volume and long maturities, longevity risk is a major risk for the EAA.

The actuaries and service providers engaged by the EAA provide monthly analyses on the life settlement exposure. Based on these analyses the EAA constantly monitors the relevant cash flows and thus the longevity risk so that deviations from the original forecast can be identified and taken into account in the valuation.

The EAA regularly monitors not only the present value of the expected cash flows (premiums, death benefits and service fees) from the policies but also the net present value of Erste EAA Anstalt öffentlichen Rechts & Co. KG. Besides the present value of the expected cash flows, this indicator takes into account the outstanding funding and cash on hand, making it possible to measure the performance over time of the entire life settlement portfolio.

Operational risks

The EAA differentiates between operational risks within the EAA Group (including its subsidiaries) and risks from the outsourcing of activities to service providers.

Operational risks in the EAA comprise all risks arising from inappropriate reactions or from the failure of internal processes, systems, and individuals, as well as risks resulting from external events.

Outsourcing risks in respect to the service providers encompass possible losses from procuring services from third-parties. These include, in particular, the risk that contractually agreed services are not provided or do not meet the stipulated quality.

Operational risks arise from errors made by employees or service providers in processing the business or through fraud. Alternatively, they may arise from the surrounding environment, such as cybercrime. The management of operational risks is therefore the direct responsibility of the individual departments under the leadership of the respective department heads. The EAA's Risk Controlling department monitors this effort.

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Operational risks within the EAA

The EAA's management has established a sustainable risk management culture within the organisation in order to avoid operational risks. The EAA's Risk Controlling department is responsible for developing and introducing methods for identifying, measuring, analysing, monitoring and reporting on operational and other risks.

Operational risks are managed in the EAA and its subsidiaries using uniform methods and procedures. The operational risks of other service providers are managed using consistent methods. They are aggregated into an overview of overall risk.

Its activity focuses on the regular analysis and identification of weaknesses, and on ways to optimise all business procedures and processes. The EAA focuses on managing or mitigating material individual risks. To that end, it has established an internal system – depending on the type and scope of the operational risks – to record and measure the operational risks for the EAA as a whole. The recording of operational risk incidents and the annual risk inventory are key elements to measure operational risks. Based on the findings obtained, appropriate measures are decided upon and implemented.

On the one hand, losses and near losses are recorded and evaluated, and potential or actual losses are quantified. In addition to documenting operational losses and near losses, an extensive ex-post analysis of operational risk incidents offers information on weaknesses and facilitates the initiation of risk-reducing measures on the basis of this information.

On the other hand, an annual risk inventory is performed to identify risks and assess their significance for the EAA. Appropriate risk-mitigating measures are decided upon and implemented based on the findings obtained. The Risk Controlling department gathers the information on the operational risk incidents and performs the risk inventory for the EAA. The processes at the service providers which are relevant to the EAA are also subjected to an annual risk inventory by the relevant Operational Risk Management department, which then reports the results to the EAA. If an operational risk incident occurs in these processes, it will also be reported to the EAA, including the associated risk-reducing measures and their status.

The EAA's last risk inventory from 2019 revealed one assessment item with high risks in the availability of personnel category due to employee departures. This risk will be absorbed by using external employees if required. Of the assessment items, 16.3% are medium risks and 83.3% low risk. The overall risk situation remains largely unchanged.

MANAGEMENT REPORT

The aforementioned risk inventory of the EAA from 2019 was carried out together with the EFS and EAA CBB subsidiaries, and the key service providers IBM and MSPA. Owing to the outsourcing of key functions to IBM and the ongoing process of dismantling EFS, the risk situation at EFS is assessed as low. IBM reports a largely unchanged risk situation, while the risk situation at MSPA has improved slightly, where no further high risks were reported.

Service provider management

The outsourcing of key business processes requires that the EAA controls and monitors the operating infrastructure in order to ensure proper business operations. The monitoring requirements for the EAA are far-reaching and result from both the EAA's original task and its accountability to the liable stakeholders and the FMSA as well as from supervisory and statutory requirements in terms of transparency, correctness and the adequacy of control systems.

The EAA is also subject to the legal and supervisory regulations pursuant to section 25a KWG and applies MaRisk AT 9 (outsourcing) and AT 4.3.1 note 2, which require the management and monitoring of outsourced activities.

As a result, an adequate monitoring system is a key success factor for the EAA. The EAA has selected a needs-based approach to structure its service provider management in order to create a structure that fulfils the requirements, reflects its business model, meets its supervisory and reporting obligations, and minimises the operational risks associated with outsourcing. The selected approach is also innovative because it brings together the unusually broad coverage of highly different services and assessment criteria using a simple analysis matrix. The EAA's concept combines a flexible technical solution with a holistic, integrated, multidimensional and pragmatic management approach that focuses on business processes and the end product.

The EAA has established a service provider management to monitor the interface between the subsidiaries and other service providers and the EAA, as the recipient of services, in terms of the content, form and quality of the services. Using a continuous and timely monitoring process, the EAA accordingly ensures that its requirements, which are defined in service level agreements, are fulfilled by the service providers in the agreed form. In this process, the EAA records the outsourcing risks and assesses them by applying a traffic light system. The monitoring and assessment process is supported by an online assessment system. Any necessary service and process adjustments are additionally taken into account in a process of continuous improvements.

The EAA has agreed protective measures for data and IT security, including the data centres, with its service providers. These measures are continuously reviewed and adjusted if necessary.

There were no elevated risks during 2019, and the quality of the services rendered during the period was fundamentally stable in accordance with the service agreement.

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Other risks

Reputational risks

Reputational risks express the risk that public reporting on the EAA or the transactions in which it engages will result in damage to its reputation.

Given the public interest in the EAA, reputational risks are especially relevant. The EAA also attaches special importance to its public image, since it impacts its funding options on the capital market.

The EAA has established behavioural rules for its employees in its "Code of Conduct". The EAA monitors all public media coverage intensely to further minimise reputational risks. This also includes public media coverage about its subsidiaries in the wind-up portfolio. Coordinated and active communication and public relations activities support the EAA's reputation.

Legal risks

Legal risks comprise risks arising from contractual agreements or statutory conditions which harbour the risk of negative effects within and outside the EAA.

The EAA is subject to legal supervision by the FMSA, which, in turn, is subject to legal and technical supervision by the German Ministry of Finance. The FMSA ensures in particular that the EAA complies with the requirements of statutory provisions and its charter.

Since April 2010 the authorities in the US and in the EU (particularly BaFin) had been investigating possible misconduct in the trading departments of several banks. The results of the investigation have not produced any evidence of wrongdoing at the former WestLB; the investigations by BaFin and the US supervisory authorities were terminated without any measures being undertaken against Portigon. A large number of investment banks active in the US were also sued in the US in various class action lawsuits due to alleged manipulative actions with regard to exchange rates. Certain aspects of these class actions were repeatedly rejected in the Court of First Instance with respect to Portigon. The plaintiffs launched an appeal against this, the outcome of which led in part to a referral back to the Court of First Instance and in part to an uncertain outcome as things currently stand. The Court of First Instance has yet to make a final ruling in favour of the plaintiffs. It is currently impossible to predict when this will be made and whether it will lead to a comprehensive taking of evidence. However, Portigon remains convinced that, in line with the results of the investigations by the supervisory authorities, it cannot be accused of misconduct. The EAA has no reason to doubt Portigon's claims.

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Against the background of investigations by the public prosecution authorities into dividend arbitrage transactions, Portigon set aside provisions for capital gains tax and interest that may have been unjustifiably credited in previous years. Portigon has also written to the EAA requesting reimbursement of such expenses as it believes that, on the basis of the transfer contracts concluded in 2012 by the liable stakeholders within the scope of the refill, EAA would assume the risk in this respect. Following a detailed assessment of the asserted claim, the EAA considers this claim to be unfounded on the basis of the information available to it and with the assistance of external legal advisors and has therefore not set aside any provision to this end.

When necessary, the EAA has established sufficient financial reserves and initiated other measures to cover judicial and extra-judicial disputes.

Tax risks

Tax risks may arise from changes in tax legislation, case law or errors in the application of the law as well as the special tax regulations for winding-up agencies.

The EAA uses clearly defined governance structures and processes to analyse and manage tax risks. Tax risks are clarified through active communication with tax authorities and other government institutions. Where necessary, external specialists are engaged to consult on legal and tax issues.

Summary of the risk situation

The EAA was established to assume the risk exposures and non-strategic business units of the former WestLB and its domestic and foreign subsidiaries, and to wind these up in a value-preserving and risk-minimising manner, based on a winding-up plan. Value fluctuations in the interim are of less significance.

For that purpose, in particular, winding-up agencies in accordance with section 8a FMStFG are exempt from capital requirements, the obligation to prepare consolidated financial statements and other statutory provisions that apply to commercial banks.

The EAA strives in its risk management activities to reduce the risks resulting from the winding-up of the portfolio. To that end, the wind-up success and any deviations from the winding-up plan are continually monitored and compared against the plan (please refer to the section "Wind-up report").

Due to its good rating, the EAA has a stable funding situation. The stress scenarios demonstrated reasonable net liquidity as of 31 December 2019.

Market price risks are largely limited.

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The EAA has a tight service provider management system and an internal control system in order to manage operational risks.

Longevity risk is the risk that insured individuals live longer than originally calculated or the insurance companies increase the premiums. They are limited to the acquired portfolio. The longevity risks in the portfolio are regularly analysed.

Risks resulting from the sovereign debt crisis, particularly for exposures in periphery euro-zone countries, are being monitored closely and in a timely fashion.

The EAA has made sufficient provision for all known risks. Its equity – before the loss offset guarantees – is initially available as aggregate risk cover for risks that are not yet foreseeable at present.

The requirements for risk-bearing capacity pursuant to section AT 4.1 MaRisk are not relevant for the EAA. Instead, the EAA performs a quarterly analysis of the changes in its equity to the end of the planning period using the winding-up plan as well as updated variables and market parameters. This involves, in particular, analysing the effects of changed framework conditions on equity in 2027. The winding-up plan shows positive equity capital as of the end of the planning period. This means that the only possibility of a loss occurring that would require the EAA's liability mechanism to be utilised in the period to the end of the planning horizon for the winding-up plan would be if adverse scenarios were to materialise which, from today's perspective, are unlikely to occur.

In summary, the EAA perceives the risks it has assumed to be adequately covered, given its capital resources as well as the existing guarantee, equity instruments and loss-offset obligations of the liable stakeholders and the FMS.

The EAA will continue to place a special focus on sustainable and consistent risk management.

Opportunities report

2020 and 2021 are likely to be dominated completely by the coronavirus crisis. A significant economic slump should be expected, at least short-term, and this will have a heavy negative impact on export-oriented economies such as Germany as well as countries of the euro periphery. The euro crisis was a key catalyst for reforms in Spain and Portugal. Some structural problems were addressed. These structural improvements have led both Spain and Portugal to offset the loss of income caused by the crisis.

The ECB's monetary policy is likely to support the valuations of euro government bonds in 2020 and 2021. The states are using all possible means to stem the crisis, which will lead to a deterioration in the countries' credit quality. The massive support measures of the ECB and other central banks are therefore of great importance. The central banks' purchasing programmes were designed to limit price and spread volatility. The process will not be limited to listed products only; it will also affect other segments of the euro credit market such as promissory note loans, traditional loans and project financing. The very loose monetary pol-

MANAGEMENT REPORT

icy should enable the eurozone governments to refinance their budget deficits on the market, and also allow the companies and project finance established there to service their debt on much better terms.

Besides exposures to the euro periphery, the EAA also has significant commitments in the US. US property prices in particular have recovered in line with the economic trend and are now only just shy of 4% below the high of July 2006. This was already taken into account in the valuation of the exposures.

Forecast report

Active measures and contractual maturities are expected to reduce the notional volume of the banking book by around 12% compared with the previous year to around EUR 13 billion in 2020.

The EAA's objective is to have wound up around 90% of the banking book as of 31 December 2011 (including the exposures held by subsidiaries and the exposures from the refill) by the end of 2021. As in previous years, the winding-up activities will focus on advance portfolio-reducing measures and active participation management.

For 2020, a major reduction in the notional volume of the trading portfolio by more than 30% compared with the previous year to significantly less than EUR 100 billion is expected. Since the transfer in 2012, the EAA has continued to target a reduction in the notional volume of over 90% by the end of 2021. The EAA will continue to analyse how the trading portfolios can be effectively and cost efficiently reduced at an accelerated pace.

With regard to the change in notional volumes in the banking book and the trading portfolio, in the previous year the EAA anticipated that these would be reduced to below EUR 16 billion in the banking book and to around EUR 150 billion in the trading portfolio in fiscal year 2019. Thanks to active measures in particular, this forecast was surpassed by a substantial margin.

The EAA expects to generate a total of EUR 73 million (including dividend income) from the net interest result, net fee and commission result, and the results from financial assets and shareholdings for 2020, which is therefore below the previous year's level. A forecast for the net trading and risk provision result is difficult due to the imponderables with respect to developments on the global financial markets and other markets. The EAA is sticking with its strategy of winding up in a value-preserving manner. Losses cannot be ruled out in the next few fiscal years because of the now substantial reduction of the portfolio and the associated decline in income from ongoing operations. This possibility is taken into account in the EAA's winding-up planning.

MANAGEMENT REPORT

In the previous year, the EAA anticipated that its net interest result, net fee and commission result and the results from financial assets and shareholdings would increase slightly in fiscal year 2019. This forecast proved to be correct. The increase of EUR 10 million was in line with forecasts. In addition, further positive effects were generated from administrative expenses that were lower than projected. No forecast for the net trading and risk provision result was made the year before due to the imponderables with respect to developments on the global financial markets and other markets.

Further forecasts regarding earnings in the next few fiscal years on the basis of the indicators described are subject to uncertainty and are reliable only to a limited extent. Based on its winding-up planning, however, the EAA does not currently foresee the need to utilise the equity capital drawing limit or the assumed loss-offset obligations.

The EAA fundamentally pursues an opportunistic approach by conducting regular analyses of market conditions and exit opportunities in order to assess early and profitable wind-up opportunities for the portfolio. To this end, an agreement was reached at the end of 2019 to reduce substantial portions of the derivatives portfolio, which should be implemented in several steps over the next one to two years.

The economic crisis is likely to have a delaying effect on the EAA's targets. The recession and the expected deterioration in the creditworthiness of many issuers will be reflected in higher risk premiums and spreads. The EAA therefore views the expansion of the purchase programmes as being crucial as it should limit the spread widening.

The tasks of the EAA include securing the acquired expertise for the ongoing successful winding-up activities. However, in parallel with winding up the portfolio, the EAA must also reduce costs and save on staff. It is a challenge for the management to deal with these conflicting priorities while retaining specialists for the work that remains. The EAA will optimise its structures on an ongoing basis in the coming years.

Accounting-based internal control and risk management system

The objective of an accounting-based internal control and risk management system (ICS/RMS) is to ensure compliance with financial reporting standards and regulations and to guarantee the integrity of the financial reporting.

MANAGEMENT REPORT

Within the framework of the service agreements concluded, the EAA, the MSPA and EFS (together with IBM since December 2017) have implemented an ICS and an RMS that are appropriate for the financial reporting processes and business activities of the EAA. The accounting-related ICS/RMS consists primarily of guidelines and processes which offer reasonable assurance that business transactions are fully, promptly and accurately measured and recorded on an accrual basis in accordance with statutory and other provisions so that

- △ public financial reporting provides a true and fair view of the EAA's financial standing (integrity and reliability of financial reporting);
- △ decision-makers and governing bodies are regularly and promptly informed of financial reporting data relevant to the management of the institution (internal reporting);
- △ appropriate control procedures are in place so that unauthorised purchases, use or sales of assets having a material impact on the financial reporting can be prevented or identified early on;
- △ an appropriate control and documentation environment is created (such as the segregation of functions, compliance with established approval or authority levels, dual control principle when recording business transactions, orderly documentation); and
- △ the archiving and storage of documents and accounting-relevant data is regulated concerning information that provides accurate, sufficiently detailed and appropriate data on business transactions and the use of assets.

The EAA monitors the entire accounting-based ICS/RMS on an ongoing basis. Existing professional and technical controls are examined regularly by the Internal Audit department of the EAA (with the support of its external service provider) and the auditor of the EAA as well as, in cases pertaining to outsourcing to EFS, the MSPA and IBM, by their Internal Audit departments and their auditors.

The EAA's Internal Audit department also monitors audit activities at IBM and the MSPA for effectiveness and appropriateness, and can also perform audits there.

Moreover, the financial reporting processes are included in EAA's general risk management process with regard to operational risks. This is intended to prevent errors or misstatements to the greatest extent possible, or to uncover them early on. All processes are documented in the EAA's written rules of procedure, which are available to all employees.

MANAGEMENT REPORT

The accounting policies are documented in electronic manuals. Annual, quarterly and monthly financial statements are prepared in accordance with a coordinated schedule.

New statutory and supervisory requirements are implemented and communicated promptly, depending on their respective scope and significance to the EAA. This is carried out in projects and via written instructions. All relevant business units and management levels are involved in accordance with internal project guidelines.

Employees of the Finance & Tax department participate in the meetings of the relevant risk and management committees. This participation helps ensure that strategic and risk-related developments are included promptly in the financial accounting and reporting. Transactions with new products or in new markets, which the EAA may carry out only within the scope of the portfolio wind-up and not to operate new businesses, are handled through the new product process intended for that purpose, in which the Finance & Tax department is also integrated.

BALANCE SHEET

Balance sheet

Assets

	Notes	EUR	EUR	31/12/2019 EUR	31/12/2018 EUR
1. Cash reserve					
a) Balances with central banks			1,768,925,648		(1,400,857,958)
of which:					
with Deutsche Bundesbank EUR 1,768,925,648 (py: EUR 1,400,857,958)					
				1,768,925,648	1,400,857,958
2. Loans and advances to banks	4, 30				
a) Payable on demand			3,701,112,381		(2,725,111,353)
b) Other loans and advances			1,961,320,101		(3,298,010,024)
				5,662,432,482	6,023,121,377
3. Loans and advances to customers	5, 6, 15, 30				
of which:					
secured by mortgage charges EUR 89,241,193 (py: EUR 165,274,724)					
Public-sector loans EUR 1,157,451,085 (py: EUR 1,214,134,196)					
4. Bonds and other fixed-income securities	7, 12, 16, 30				
a) Bonds issued by					
aa) public issuers		1,169,297,251			(1,429,092,334)
of which:					
eligible as collateral with Deutsche Bundesbank EUR 1,152,396,841 (py: EUR 1,411,264,143)					
ab) other issuers		4,231,792,730			(5,570,376,204)
of which:					
eligible as collateral with Deutsche Bundesbank EUR 300,145,599 (py: EUR 373,772,908)					
				5,401,089,981	(6,999,468,538)
b) Own bonds notional value: EUR 30,000,000 (py: EUR 49,000,000)			31,018,033		(50,570,932)
				5,432,108,014	7,050,039,470
5. Equities and other non-fixed-income securities	12			1	1
5a. Trading portfolio	8			15,392,548,233	14,560,941,901

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BALANCE SHEET

	Notes	EUR	EUR	31/12/2019 EUR	31/12/2018 EUR
6. Long-term equity investments	9, 12			37,744,996	37,828,058
of which:					
in banks EUR 15,358,686 (py: EUR 12,421,102)					
7. Shares in affiliates	10, 12			1,025,378,477	1,242,626,044
of which:					
in banks EUR 434,297,095 (py: EUR 434,297,095)					
8. Trust assets	11			22,789	23,728
of which:					
Trust loans EUR 22,789 (py: EUR 23,728)					
9. Intangible assets	12				
a) Paid concessions, trademarks and similar rights and values such as licences in such rights			3,158,077		(3,560,846)
				3,158,077	3,560,846
10. Tangible fixed assets	12			139,814	177,845
11. Other assets	13			177,566,344	50,199,007
12. Prepaid expenses/accrued income	14			22,979,999	22,697,383
Total assets				37,814,967,548	39,697,374,378

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BALANCE SHEET

Liabilities and equity

	Notes	EUR	EUR	31/12/2019 EUR	31/12/2018 EUR
1. Deposits from banks	17				
a) Payable on demand			1,676,638,790		(1,448,880,318)
b) With an agreed maturity or withdrawal notice			442,351,061		(423,133,242)
				2,118,989,851	1,872,013,560
2. Deposits from customers	18				
other deposits					
a) Payable on demand			193,792,874		(236,826,516)
b) With an agreed maturity or withdrawal notice			1,759,321,428		(2,289,971,903)
				1,953,114,302	2,526,798,419
3. Debt securities in issue	19				
a) Bonds issued			8,686,458,830		(10,843,361,166)
b) Other debt securities in issue			9,210,679,392		(9,349,108,428)
of which:					
money market instruments					
EUR 9,210,679,392 (py: EUR 9,349,108,428)					
				17,897,138,222	20,192,469,594
3a. Trading portfolio	20			15,044,828,511	14,323,806,066
4. Trust liabilities	21			22,789	23,728
of which:					
Trust loans					
EUR 22,789 (py: EUR 23,728)					
5. Other liabilities	22			21,389,230	14,486,505
6. Accrued expenses/deferred income	23			18,336,567	16,427,103
7. Provisions	24				
a) Tax provisions			2,144,298		(8,525,904)
b) Other provisions			103,487,963		(84,602,987)
				105,632,261	93,128,891

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BALANCE SHEET

	Notes	EUR	EUR	31/12/2019 EUR	31/12/2018 EUR
8. Equity	25				
a) Called capital					
Subscribed capital		500,000			(500,000)
less uncalled outstanding capital		0			(0)
			500,000		(500,000)
b) Capital reserves			3,013,237,214		(3,013,237,214)
c) Revenue reserves					
other revenue reserves		2,431,408			(2,431,408)
			2,431,408		(2,431,408)
d) Net retained losses			-2,360,652,807		(-2,357,948,110)
				655,515,815	658,220,512
Total liabilities and equity				37,814,967,548	39,697,374,378
1. Contingent liabilities	26				
a) Liabilities from guarantees and warranties			1,770,338,981		(2,540,683,323)
				1,770,338,981	2,540,683,323
2. Other obligations	26				
a) Irrevocable loan commitments			186,151,593		(1,970,541,413)
				186,151,593	1,970,541,413

INCOME STATEMENT

Income statement

	Notes	EUR	EUR	1/1-31/12/2019 EUR	1/1-31/12/2018 EUR
1. Interest income from	28				
a) Lending and money market transactions		414,726,976			(371,500,603)
b) Fixed-income securities and debt register claims		135,470,293			(153,280,900)
			550,197,269		(524,781,503)
2. Interest expenses			476,105,794		(419,611,389)
				74,091,475	105,170,114
3. Current income from	28				
a) Equities and other non-fixed-income securities			0		(0)
b) Long-term equity investments			2,616,105		(4,151,110)
c) Shares in affiliates			2,575		(2,556)
				2,618,680	4,153,666
4. Income from profit pooling, profit transfer or partial profit transfer agreements	28			4,184,576	5,121,392
5. Fee and commission income	28		2,740,013		(2,179,152)
6. Fee and commission expenses			20,398,147		(20,528,801)
				-17,658,134	-18,349,649
7. Net trading result	28, 32			6,522,663	12,458,479
8. Other operating income	28, 29			7,264,626	69,986,547
9. General administrative expenses					
a) Personnel expenses					
aa) Wages and salaries		20,586,365			(29,212,057)
ab) Compulsory social security contributions and expenses for pensions and other employee benefits		2,840,511			(2,825,249)
of which:					
for pensions EUR 710,316 (py: EUR 745,573)					
			23,426,876		(32,037,306)
b) Other administrative expenses			111,820,984		(127,987,302)
				135,247,860	160,024,608

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INCOME STATEMENT

	Notes	EUR	EUR	1/1-31/12/2019 EUR	1/1-31/12/2018 EUR
10. Depreciation and write-offs on intangible assets and tangible fixed assets	12			445,072	464,022
11. Other operating expenses	29			21,811,240	4,871,484
12. Income from appreciations of loans and advances and certain securities and from reversals of loan loss provisions	24, 29			48,773,891	4,654,534
13. Depreciation and write-offs on long-term equity investments, shares in affiliates and long-term securities	12, 30			0	11,465,431
14. Income from appreciations of long-term equity investments, shares in affiliates and long-term securities	12, 30			39,212,746	0
15. Expenses from loss assumption	30			9,516,175	1,991,086
16. Result from ordinary activities				-2,009,824	4,378,452
17. Taxes on income and earnings	31			686,448	1,690,957
18. Other taxes not reported under item 11	31			8,425	61,665
19. Net result for the year				-2,704,697	2,625,830
20. Net retained losses brought forward				-2,357,948,110	-2,360,573,940
21. Net retained losses				-2,360,652,807	-2,357,948,110

CASH FLOW STATEMENT

Cash flow statement

		1/1-31/12/2019 EUR	1/1-31/12/2018 EUR
1.	+/- Result for the period	-2,704,697	2,625,830
	Non-cash items included in net loss for the period and reconciliation to cash flows from operating activities		
2.	+/- Allowances for losses on loans and advances and write-offs on certain securities, depreciation, amortisation on tangible fixed assets and long-term financial assets as well as the reversal thereof	-79,828,030	-5,819,420
3.	+/- Increase/decrease in provisions	12,503,371	-108,518,695
4.	+/- Other non-cash income/expenses	64,564,657	200,963,505
5.	+/- Gain/loss on disposal of long-term financial assets	-1,485,734	4,364,469
6.	= Subtotal	-6,950,433	93,615,689
	Change in operating assets and liabilities		
7.	+/- Increase/decrease in loans and advances to banks (no trading portfolio)	605,658,953	-592,901,918
8.	+/- Increase/decrease in loans and advances to customers (no trading portfolio)	1,050,890,354	1,710,790,289
9.	+/- Increase/decrease in securities (no financial assets and no trading portfolio)	1,608,398,384	2,229,878,326
10.	+/- Trading assets	211,639,044	318,504,634
11.	+/- Increase/decrease in other operating assets	-5,908,269	16,986,897
12.	+/- Increase/decrease in deposits from banks (no trading portfolio)	247,013,037	-226,682,197
13.	+/- Increase/decrease in deposits from customers (no trading portfolio)	-382,899,318	-487,048,146
14.	+/- Increase/decrease in debt securities in issue	-2,308,586,488	-3,309,861,807
15.	+/- Trading liabilities	-386,787,587	-258,882,802
16.	+/- Increase/decrease in other operating liabilities	10,720,717	-171,315,874
17.	+/- Interest expenses/interest income	-76,710,155	-109,323,780
18.	+/- Tax expenses/tax income	686,448	1,690,957
19.	+ Interest payments and dividend payments received	578,122,777	522,598,969
20.	- Interest paid	-465,375,677	-418,018,917
21.	+/- Income tax payments	-686,448	-1,690,957
22.	= Cash flows from operating activities (sum of 6 to 21)	679,225,339	-681,660,637
23.	+ Proceeds from disposal of long-term financial assets	49,215,411	75,594,437
24.	- Purchase of long-term financial assets	0	-56,552,087
25.	- Purchase of tangible fixed assets	-4,272	0
26.	- Purchase of intangible assets	0	0
27.	= Cash flows from investing activities (sum of 23 to 26)	49,211,139	19,042,350
28.	+/- Changes in other capital (net)	0	0
29.	= Cash flows from financing activities (sum of 28)	0	0
30.	Net change in cash funds (sum of 22, 27, 29)	728,436,478	-662,618,287
31.	+ Cash funds at beginning of period	1,445,742,364	2,108,360,651
32.	= Cash funds at end of period (sum of 30 to 31)	2,174,178,842	1,445,742,364

The cash flow statement is prepared in accordance with DRS 21. The cash funds include the current accounts maintained at HSBC and Deutsche Bundesbank (demand deposits). Further cash funds as defined by DRS 21 do not exist at the present time.

STATEMENT OF CHANGES IN EQUITY

Statement of changes in equity

	Balance as of 1/1/2019 EUR	Appropriation of the result EUR	Balance as of 31/12/2019 EUR
Called capital	500,000	0	500,000
Capital reserves	3,013,237,214	0	3,013,237,214
Other revenue reserves	2,431,408	0	2,431,408
Net retained losses	-2,357,948,110	-2,704,697	-2,360,652,807
Equity under HGB	658,220,512	-2,704,697	655,515,815

	Balance as of 1/1/2018 EUR	Appropriation of the result EUR	Balance as of 31/12/2018 EUR
Called capital	500,000	0	500,000
Capital reserves	3,013,237,214	0	3,013,237,214
Other revenue reserves	2,431,408	0	2,431,408
Net retained losses	-2,360,573,940	2,625,830	-2,357,948,110
Equity under HGB	655,594,682	2,625,830	658,220,512

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For the period from 1 January to 31 December 2019

General disclosures

1. Legal framework of the EAA

The EAA is a structurally and commercially independent public law entity with partial legal capacity operating under the umbrella of the FMSA. Its registered office is in Düsseldorf. The EAA was set up by the FMSA on 11 December 2009, and entered into the commercial register of the District Court of Düsseldorf (HRA 20869) on 23 December 2009.

The EAA is winding up the risk exposures and non-strategic business units (transferred assets) transferred from the former WestLB and its domestic and foreign subsidiaries. In doing so, it proceeds in a value-preserving and risk-minimising manner. This serves to stabilise the financial market. The risk exposures and non-strategic business units of the former WestLB were transferred to the EAA in the years 2009 and 2010 (first fill) as well as in 2012 (refill) using several different transfer methods. In an ongoing process, transactions that were initially synthetically transferred will be transferred legally and fully from Portigon to the EAA. For further information on the transfer methods, please refer to the "Operating activities of the EAA" section.

The EAA manages its business according to commercial and economic principles, in consideration of its winding-up objectives and the principle of minimising loss. It is not classified as a credit institution for the purposes of the German Banking Act, nor does it carry out activities requiring a permit for the purposes of EU Directive 2006/48/EC dated 14 June 2006. It is subject to regulation by the FMSA. The EAA is supervised by BaFin with regard to those provisions of banking law that are applicable to the EAA.

2. Preparation of the annual financial statements

In accordance with section 8a (1a) FMStFG in conjunction the additional guidance of the EAA's charter, the EAA's annual financial statements have been prepared under the provisions of the HGB for large public companies and RechKredV. The EAA is not required under section 8a (1a) sentence 3 FMStFG to prepare consolidated financial statements. Information that may be disclosed in either the balance sheet or the notes to the financial statements has been disclosed in the notes to the financial statements.

The annual financial statements are submitted electronically to the operator of the German Federal Gazette and published in the German Federal Gazette (www.bundesanzeiger.de).

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3. Accounting and measurement principles

Assets, liabilities and pending transactions are measured in accordance with section 252 et seqq. and section 340 et seqq. HGB.

Loans and advances are stated at nominal value less discounts and any allowances, when necessary. Liabilities are recognised at their settlement values, and the applicable discounts are recorded as prepaid expenses. Premiums on loans and advances or liabilities are reported as prepaid expenses or deferred income. The prorated interest amounts calculated as of the reporting date are reported together with the underlying loan/advance or liability. Premiums and discounts from the issue and loans business are recognised in profit and loss using the effective interest method.

Sufficient consideration is given to identifiable risks in the lending business by recognising specific bad debt allowances and provisions. General allowances are recognised for the latent credit risk in the portfolio of loans and advances, and contingent receivables. General allowances are calculated using a model. The EAA takes into account the risk associated with lending to borrowers in countries with an acute transfer risk by basing its model-based calculation of the general allowance on ratings reflecting the transfer stop risk. This involves developing a risk factor based on each country's rating, which is then taken into account in the likelihood of default for a particular borrower or guarantor.

Securities in the liquidity reserve are measured using the lower of their market price or carrying amount. Securities treated as fixed assets (financial assets portfolio) are measured at acquisition costs. The differences between the acquisition costs and the amounts repayable are recognised pro rata temporis through profit and loss. In the case of an anticipated permanent impairment the value is written off to the lower recoverable amount. If securities included in the financial assets portfolio are reported at values higher than their current market value in accordance with the diluted lower-of-cost-or-market principle, these differences are referred to in the notes to the financial statements. This information changes over time in response to changes in the portfolio as well as interest rates and prices.

Structured financial instruments are accounted for in accordance with the "IDW accounting opinion: on the uniform or separate reporting of structured financial instruments (IDW RS HFA 22)". The structured securities portfolio comprises mainly the Phoenix notes. There are also smaller exposures in various other asset classes (ABS and Dritte EAA).

Structured securities are measured on the basis of price information supplied by MSPA, which is modelled using measurement methods agreed on with the EAA and subjected to analysis within the EAA.

Objective information on changes in developments at the level of the underlying transactions ("underlyings") in the securitised portfolio is applied from the relevant contractual documentation and portfolio reports to determine the anticipated future cash flows and consequently the relevant discounted net present values for reporting in the balance sheet. The projected cash flows for the underlying transactions are also translated into a cash flow profile in accordance with the provisions governing distribution (waterfall) for the relevant overall transaction (Phoenix notes) and then into a net present value for the individual tranches of the

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overall transaction. The appropriateness of the measurements in the underlyings and notes of Phoenix is also verified by means of an internal validation process at the EAA.

The fair values of the equities, bonds, derivative products and other items reported in the trading portfolio are calculated as of the reporting date, initially with respect to individual transactions and irrespective of their trading status. Measurement is carried out using exchange or market prices as of 30 December 2019, with averages and/or recognised measurement methods used in the interest of convenience. Proportionate interest, one-off payments and option premiums are taken into account. If exchange or market prices do not exist or cannot be reliably determined (especially in the case of derivative instruments), fair values are determined on the basis of the pricing models typically used in the market or discounted cash flows.

The EAA applies haircuts to some of the values calculated using a measurement model since the models used in these cases do not take into account all of the factors considered by market participants. These include in particular haircuts for creditworthiness, modelling and liquidity risks. Haircuts were also necessary due to legal uncertainties.

In a second step, applying the risk-adjusted market measurement method, the EAA compiles the trading transactions measured at fair value into portfolios in accordance with the risk management of the various business units. The summarised measurement results for each portfolio are reduced by the potential loss (VaR) calculated using a mathematical method (variance-covariance method). The VaR discounts (based on the calculation methods applied by the EAA's Risk Controlling department) are calculated so that the maximum anticipated loss from outstanding trading positions with a holding period of ten days can be offset with a likelihood of 99%. The observation period on which the calculation is based is 250 days, equally weighted with retroactive effect from the cut-off date.

The EAA applies the following measurement methods and parameters for the relevant product categories:

Interest rate products: Liquid, exchange-traded products (such as futures) are measured at their exchange prices. There are standardised specifications for many OTC derivatives (such as swaps, caps, swaptions) as well as measurement models (Black 76) and reliable market quotas (swap rates, cap volatilities). These are used for the purposes of measurement if they are available. Internally developed models based on the Markov functional model are used for exotic OTC derivatives (such as Bermudan swaptions). Securities with exotic coupons are measured based on the corresponding hedging OTC derivatives. The credit spread of the issuer is additionally used to calculate the present value.

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Bonds are measured on the basis of market prices. Less liquid securities for which no market prices are directly available are measured using either the observable market prices of comparable instruments or by means of the discounting of cash flows, taking credit spreads into account that are based on the observable prices for comparable instruments.

Equity products: Liquid, exchange-traded products (forward contracts, options) are measured at their exchange prices. The prices of conventional equity options with a single underlying are determined using the Black-Scholes formula. Dividend estimates also need to be included for equity products.

Credit products: Securities with exotic coupons or credit components (such as credit linked notes) and other products based on credit derivatives (such as perfect asset swaps) are measured on the basis of the corresponding OTC derivatives. The credit spread of the respective issuer is also used to calculate the present value if necessary.

When measuring derivatives collateralised using cash, future cash flows for the main portfolios are discounted on the basis of EONIA swap curves ("OIS discounting"). As part of the risk-adjusted market measurement method, this discounting was taken into account by means of a markdown amounting to EUR 7.4 million (previous year: EUR 6.0 million) as of 30 December 2019.

	Product	Valuation method	Valuation parameters
Interest rate products	Standard swaps	Present value method	Interest rates
	Exotic swaps	Markov functional	Interest rates, interest rate volatility, correlation
	Forward rate agreements	Present value method	Interest rates
	Standard-caps, -floors, -collars	Black 76	Interest rates, interest rate volatility
	Exotic caps, floors	Markov functional	Interest rates, interest rate volatility, correlation
	European standard-swaptions	Black 76	Interest rates, interest rate volatility
	Exotic swaptions	Markov functional	Interest rates, interest rate volatility, correlation
Exchange rate products	FX swaps	Present value method	Interest rates, exchange rates
	Options	Black 76	Interest rates, exchange rates, exchange rate volatility
	Forward interest rate/FX swaps	Present value method	Interest rates, exchange rates
Equity products	Standard options (single underlying asset)	Black Scholes	Price of the underlying asset, interest rates, dividend yield, volatility (base value, exchange rate)
Credit products	Credit default swaps (single underlying issuer)	Hazard rate bootstrapping model	Credit spreads
	Securitised assets	Bloomberg cash flow model	Credit spreads, conditional prepayment rate

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The assumptions and estimates required, in particular in connection with illiquid portfolios, are based on subjective management judgement and therefore entail projection uncertainties. Even if the available information, historical experience and other evaluation factors have been relied upon to prepare the estimates, actual future events may differ from the estimates. This may also have a material impact on the asset position, financial position and earnings situation. In the EAA's opinion, the parameters used are appropriate and acceptable.

Realised and unrealised valuation results, ongoing interest expenses and income, dividend income and fee and commission expenses and income from transactions involving financial instruments in the trading portfolio are reported in the net trading result.

Financial instruments in the trading portfolio are reported in the trading portfolio balance sheet items on the assets and liabilities sides of the balance sheet.

Cash collateral provided and received for derivatives is reported as loans and advances to banks and customers as well as deposits from banks and customers, depending on the external counterparty involved.

No financial instruments were reclassified out of the trading portfolio pursuant to section 340e (3) sentence 3 HGB in fiscal year 2019. No changes were made to the EAA's internal criteria for including financial instruments in the trading portfolio.

Long-term equity investments and shares in affiliates are recognised at acquisition cost. In the case of an anticipated permanent impairment the value is written off to the lower recoverable amount. Income from payments received in return for the assumption of risk exposures in connection with participations pursuant to section 8a (4) No. 4 FMStFG is reported in net fee and commission result.

Pension, (reverse) repo and securities lending transactions are reported in accordance with the applicable principles of section 340b HGB. If the EAA remains the beneficial owner as the pension provider or lender in accordance with a binding on-lending agreement, the security continues to be capitalised. Any purchase price or cash collateral received is recognised as a deposit from banks or customers. As a pension recipient or borrower, the EAA capitalises only the purchase price paid or the cash collateral provided.

Tangible fixed assets and purchased intangible assets are depreciated/amortised in accordance with their anticipated useful lives (up to a maximum of twelve years). The EAA expenses low-value assets in full in the year in which they are acquired.

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Increases in costs and prices are taken into account in the measurement of provisions. Provisions with a residual term of more than a year are discounted based on the average market interest rate for the last seven fiscal years, taking into account the remaining terms of the provisions or the underlying obligations. The yield curve is calculated at the end of each month and published on Deutsche Bundesbank's website.

The calculation of the provisions for the Muni GIC portfolio is mainly based on a regression of historical data in order to project future GIC deposits.

The EAA manages the general interest rate risk in the banking book centrally as part of its asset liability management. This is not a valuation unit for the purposes of section 254 HGB but rather an interest-based financial instrument in which the lending transactions or financial assets in the banking book are evaluated as a whole with respect to their interest component.

The translation of currencies for assets and liabilities is carried out in accordance with the provisions of sections 256a and 340h HGB. Assets and liabilities denominated in foreign currencies, unsettled foreign exchange spot transactions and pending transactions are classified in every currency as being specifically covered pursuant to section 340h HGB, and converted using the ECB reference exchange rates as of 31 December 2019. As a result, all expenses and income from the conversion of currencies are recorded in accordance with section 340h HGB. In the case of pending forward exchange contracts used to hedge interest-bearing balance sheet positions, the forward exchange rate is divided into a spot rate and a swap rate. The agreed swap amounts are accrued pro rata temporis. The positive net result from the evaluation of individual pending forward exchange transactions is reported under other liabilities.

Deferred taxes are calculated based on the temporary differences concept. In the annual financial statements as of 31 December 2019, the EAA once again did not exercise its option to capitalise deferred taxes.

In accordance with section 14 of the EAA's charter, profits are to be accumulated until the EAA is dissolved and the final accounts are drawn up.

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Notes on the balance sheet and the income statement

4. Loans and advances to banks

	31/12/2019 EUR million	31/12/2018 EUR million
Carrying amount	5,662.4	6,023.1
of which:		
- to affiliates	334.1	330.3
Payable on demand	3,701.1	2,725.1
due		
- within 3 months	1,816.6	3,029.7
- 3 months to 1 year	126.3	241.5
- 1 to 5 years	6.1	8.0
- after 5 years	12.3	18.8

5. Loans and advances to customers

	31/12/2019 EUR million	31/12/2018 EUR million
Carrying amount	8,292.0	9,305.3
of which:		
- to affiliates	1,336.4	1,327.4
- to long-term equity investments	-	5.5
due		
- within 3 months	1,027.2	1,159.1
- 3 months to 1 year	1,581.5	1,563.5
- 1 to 5 years	1,410.7	1,820.8
- after 5 years	4,272.6	4,761.9

These loans and advances also include registered and other non-marketable bonds.

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6. Loans and advances secured by mortgages

	31/12/2019 EUR million	31/12/2018 EUR million
Carrying amount	89.2	165.3
Loans and advances to customers due		
- within 3 months	0.0	2.6
- 3 months to 1 year	0.1	3.4
- 1 to 5 years	0.1	18.1
- after 5 years	89.0	141.2

7. Bonds and other fixed-income securities

	31/12/2019 EUR million	31/12/2018 EUR million
Carrying amount	5,432.1	7,050.0
of which:		
Amounts due in the following year	136.6	132.3
Breakdown		
- Bonds issued by public issuers	1,169.3	1,429.1
- Bonds issued by other issuers	4,231.8	5,570.3
- Own bonds	31.0	50.6
Breakdown by marketability		
- Marketable securities	5,432.1	7,050.0
of which:		
- listed	1,509.9	1,836.6
- unlisted	3,922.2	5,213.4
Breakdown by type		
- Liquidity reserve	31.0	50.6
- Financial assets portfolio	5,401.1	6,999.4

Bonds and other fixed-income securities in the amount of EUR 5.4 billion (previous year: EUR 7.0 billion) are included in the financial assets portfolio. As of the reporting date, financial assets with a carrying amount of EUR 1.9 billion (previous year: EUR 2.6 billion) were recognised at EUR 0.1 billion (previous year: EUR 0.1 billion) above their fair value as the EAA expects to receive repayments totalling at least the carrying amount. This judgement is based on the EAA's long-term wind-up strategy and the expected performance of the financial assets. The difference is primarily attributable to structured credit products.

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Of the aforementioned financial assets with a carrying amount of EUR 1.9 billion, EUR 0.0 billion (previous year: EUR 0.1 billion) relates to bonds that were acquired in connection with asset swaps. The EAA funds the portion of the investment portfolio that was not hedged with asset swaps (EUR 1.9 billion) either with financing that is congruous in terms of maturities and currencies, or it hedges the balance at the portfolio level against changes in value caused by fluctuations in interest rates and currencies.

8. Trading portfolio

	31/12/2019 EUR million	31/12/2018 EUR million
Carrying amount	15,392.5	14,560.9
of which:		
- Derivative financial instruments	15,394.6	14,562.1
- Risk allowance pursuant to section 340e (3) sentence 1 HGB	-2.1	-1.2

9. Long-term equity investments

	31/12/2019 EUR million	31/12/2018 EUR million
Carrying amount	37.7	37.8
of which:		
- in banks	15.4	12.4
Breakdown by marketability		
- Marketable securities	15.4	11.2
of which:		
- unlisted	15.4	11.2

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10. Shares in affiliates

	31/12/2019 EUR million	31/12/2018 EUR million
Carrying amount	1,025.4	1,242.6
of which:		
- in banks	434.3	434.3
Breakdown by marketability		
- Marketable securities	434.3	434.3
of which:		
- unlisted	434.3	434.3

11. Trust assets

The EAA's trust assets as of 31 December 2019 comprise loans and advances to customers amounting to EUR 22.8 thousand (previous year: EUR 23.7 thousand).

12. Fixed assets

EUR million	1/1/2019					31/12/2019	Deprecia- tion, write- offs in the financial year	31/12/2019	31/12/2018
	Cost	Additions	Usage	Reclassi- fications	Reversals of write-offs	Accumu- lated depre- ciation, write-offs		Carrying amount	Carrying amount
Bonds and other long-term fixed-income securities	6,999.5						-	5,401.1	6,999.5
Equities and other long-term non-fixed-income securities	-						-	-	-
Long-term equity investments	56.8			-2,181.8			-	37.7	37.8
Shares in affiliates	1,589.7						5.0	1,025.4	1,242.6
Intangible assets	5.5	-	-	-	-	-	2.3	3.2	3.6
Office and operating equipment	0.4	-	-	-	-	-	0.3	0.1	0.2

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As well as additions and disposals, the net change in securities in fiscal year 2019 also comprises changes in the portfolio due to the prorated reversal of premiums and discounts.

13. Other assets

	31/12/2019 EUR million	31/12/2018 EUR million
Carrying amount	177.6	50.2
of which:		
- Currency translation adjustments	161.6	34.0
- Tax refund claims	11.7	10.8
- Receivables from profit and loss pooling agreements	4.2	5.1
- Guarantee commissions	-	0.2

14. Prepaid expenses/accrued income

	31/12/2019 EUR million	31/12/2018 EUR million
Carrying amount	23.0	22.7
of which:		
- Non-recurring payments on swaps	13.3	12.0
- Discounts from issuing business	5.6	7.1
- Discounts from liabilities	3.5	3.1
- Other	0.6	0.5

15. Subordinated assets

Subordinated assets are included in:

	31/12/2019 EUR million	31/12/2018 EUR million
Loans and advances to customers	666.3	665.7
of which:		
- to affiliates	296.4	285.3

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16. Assets sold under repurchase agreements

No assets were sold under repurchase agreements as of 31 December 2019 and at the previous year-end.

17. Deposits from banks

	31/12/2019 EUR million	31/12/2018 EUR million
Carrying amount	2,119.0	1,872.0
of which:		
- Deposits from affiliates	28.4	13.7
Payable on demand due	1,676.6	1,448.9
- within 3 months	120.4	105.0
- 3 months to 1 year	104.6	43.1
- 1 to 5 years	151.4	188.1
- after 5 years	66.0	86.9

18. Deposits from customers

	31/12/2019 EUR million	31/12/2018 EUR million
Carrying amount	1,953.1	2,526.8
of which:		
- Deposits from affiliates	115.0	229.4
Other deposits	1,953.1	2,526.8
of which:		
- payable on demand due	193.8	236.8
- within 3 months	55.3	410.8
- 3 months to 1 year	154.3	122.2
- 1 to 5 years	551.3	700.6
- after 5 years	998.4	1,056.4

The reduction in deposits from affiliates is mainly the result of offsetting in the first quarter of 2019 of interest and principal payments received by the EAA that are attributable to a subsidiary.

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19. Debt securities in issue

	31/12/2019 EUR million	31/12/2018 EUR million
Carrying amount	17,897.1	20,192.5
Bonds issued	8,686.4	10,843.4
of which:		
Amounts due in the following year	3,303.5	5,233.9
Other debt securities in issue	9,210.7	9,349.1
of which due:		
- within 3 months	8,485.0	7,241.5
- 3 months to 1 year	725.7	2,107.6

20. Trading portfolio

	31/12/2019 EUR million	31/12/2018 EUR million
Carrying amount	15,044.8	14,323.8
of which:		
- Derivative financial instruments	15,044.8	14,323.8

21. Trust liabilities

The EAA's trust liabilities as of 31 December 2019 comprise deposits from customers amounting to EUR 22.8 thousand (previous year: EUR 23.7 thousand).

22. Other liabilities

	31/12/2019 EUR million	31/12/2018 EUR million
Carrying amount	21.4	14.5
of which:		
- Deposits from loss assumptions	9.5	2.0
- Other	11.9	12.5

The "Other" item mostly includes liabilities from invoices that are not yet paid and deposits from subsidiaries due to tax unities.

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23. Accrued expenses/deferred income

	31/12/2019 EUR million	31/12/2018 EUR million
Carrying amount	18.3	16.4
of which:		
- Premium on issuing business	12.3	7.4
- Non-recurring payments on swaps	5.5	8.4
- Premiums for sold interest rate caps and floors	0.5	0.6

24. Provisions

	Balance as of 31/12/2018 EUR million	Additions EUR million	Accumulation EUR million	Utilisation EUR million	Reversals EUR million	Other changes EUR million	Final balance 31/12/2019 EUR million
Taxes	8.5	-	-	0.1	6.3	-	2.1
Other provisions	84.6	42.6	0.8	12.6	12.7	0.9	103.5
- Loans	9.1	3.6	-	0.2	5.7	0.3	7.1
- Shareholdings	2.4	0.3	-	0.3	-	-	2.4
- Legal actions	1.2	2.2	-	0.5	0.2	-	2.7
- Personnel	0.5	-	-	-	-	-	0.5
- Other	71.4	36.5	0.8	11.6	6.8	0.6	90.8
Total	93.1	42.6	0.8	12.7	19.0	0.9	105.6

When loans previously guaranteed were transferred to the EAA, the provisions that had been recognised for the guaranteed exposures had to be converted into allowances. This effect is included in the category "Other changes" in provisions for loans in the table shown above.

"Other" provisions primarily include amounts for risks that cannot be classified under any other type of provision, including contributions to be made by Portigon in accordance with the Act governing the Establishment of a Restructuring Fund for Credit Institutions (bank levy), which Portigon shall be reimbursed by the EAA under the transfer agreements.

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25. Equity

As of 31 December 2019, the EAA's subscribed capital amounted to EUR 500,000.

The capital reserve totalling EUR 3,013.2 million arose from the transfer of risk exposures and non-strategic business units of the former WestLB.

Other reserves amounted to EUR 2.4 million and originate from the reversal of provisions for which the reported amounts were reduced as a result of the change in the valuation of obligations under BilMoG.

The net loss for the year 2019 amounted to EUR 2.7 million and increased net retained losses to EUR 2,360.7 million as of 31 December 2019.

26. Contingencies

Contingent liabilities

Contingent liabilities amounting to EUR 1.8 billion (previous year: EUR 2.5 billion) primarily arose from guarantees for Portigon's risk exposures and the liabilities inherited from WestImmo. The volume of legacy WestImmo liabilities stood at EUR 1.6 billion as of 31 December 2019 (previous year: EUR 2.2 billion). This volume is constantly decreasing as a result of repayments. All material bank-related assets and liabilities were transferred to Aareal Bank AG as of 30 June 2017 by way of a spin-off and takeover agreement concluded between Aareal Bank AG and WestImmo.

The EAA has no detailed knowledge of whether, when or to what extent any contingencies will materialise. Provisions will be made as soon as there are sufficient concrete indications of probable losses resulting from a materialisation.

Other obligations

The reported volume of EUR 0.2 billion (previous year: EUR 2.0 billion) was due to the lending business. The decline was largely the result of the termination of a USD 2.0 billion credit facility.

The EAA constantly reviews whether losses from other obligations are to be expected and if a provision needs to be made for impending losses from pending transactions.

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27. Assets and liabilities in foreign currencies

Assets denominated in foreign currencies amounted to EUR 7.5 billion as of the reporting date (previous year: EUR 9.2 billion), while liabilities denominated in foreign currencies amounted to EUR 14.0 billion (previous year: EUR 14.8 billion).

28. Geographical breakdown of income components

The key income components of the EAA's income statement were generated in the following geographical markets.

	Interest income	Current income	Fees and commission income	Net trading result	Other operating income
	1/1-31/12/2019 EUR million	1/1-31/12/2019 EUR million	1/1-31/12/2019 EUR million	1/1-31/12/2019 EUR million	1/1-31/12/2019 EUR million
Germany	86.2	4.7	2.0	6.5	7.3
UK	58.7	-	0.2	-	-
Rest of Europe	274.3	1.7	0.2	-	-
Far East and Australia	34.6	-	-	-	-
North America	96.4	0.4	0.3	-	-
IS amount	550.2	6.8	2.7	6.5	7.3

The geographic split of income is generally based on where the business partner is domiciled. Current income also includes the income from profit and loss transfer and partial profit and loss transfer agreements if such income accrues.

29. Other operating and prior-period expenses and income

As of 31 December 2019, net other operating expenses and income comprised EUR 21.8 million (previous year: EUR 4.9 million) in expenses and EUR 7.3 million (previous year: EUR 70.0 million) in income.

The expenses included EUR 0.0 million (previous year: EUR 2.3 million) from the foreign exchange result in the banking book, while income included EUR 2.1 million (previous year: EUR 0.0 million). Most of the expenses related to additions to provisions. The income included reversals of provisions in the amount of EUR 2.4 million (previous year: EUR 66.5 million).

NOTES

30. Risk provision

Write-downs and allowances in accordance with section 340f (3) and section 340c (2) HGB

	1/1-31/12/2019 EUR million	1/1-31/12/2018 EUR million
Risk provision and financial investment result including loss assumption (pursuant to RechKredV)	78.5	-8.8
Loans and securities income/expense	48.8	4.7
of which: - Lending operations	48.8	4.7
Shareholdings and securities income/expenses	39.2	-11.5
of which: - Shareholdings	31.7	-18.0
- Securities	7.5	6.5
Expenses from loss assumption	-9.5	-2.0
Risk provision and financial investment result including loss assumption (pursuant to risk report)	78.5	-8.8
Result of risk provisions – loans and advances/securities due to credit risk	48.8	4.7
of which: - Lending operations	48.8	4.7
Results from financial assets, shareholdings and loss assumption	29.7	-13.5

The EAA always makes use of the options available under section 340f (3) and section 340c (2) HGB. Under section 340f (3) HGB, income and expenses resulting from the valuation in the lending business may be reported on a net basis with risk provisions for securities and income from the reversal of risk provisions on securities of the liquidity reserve. Net income amounted to EUR 48.8 million (previous year: net income EUR 4.7 million). According to section 340c (2) HGB, the expenses for long-term equity investments, shares in affiliates and long-term investment securities may be offset against the corresponding income. Overall, the EAA reported income of EUR 39.2 million (previous year: expenses of EUR 11.5 million) as the risk result for shareholdings and securities.

31. Taxes

Taxes on income and earnings amounting to (rounded up) EUR 0.7 million (previous year: EUR 1.7 million) primarily related to foreign taxes.

In the current fiscal year, other taxes rounded up to EUR 0.0 million (previous year: EUR 0.1 million) were incurred, consisting primarily of insurance tax.

32. Foreign exchange result

The foreign exchange result of EUR -3.6 million (previous year: EUR -15.5 million) is included in the net trading result. This was mainly offset by income in the other trading result from the separation of complex derivative instruments.

NOTES

33. Auditors' fees

The full fee paid to the auditors in accordance with section 285 No. 17 HGB amounted to EUR 1.1 million (previous year: EUR 1.1 million).

The auditors received EUR 1.1 million (previous year: EUR 1.1 million) for auditing services and EUR 25 thousand (previous year: EUR 25 thousand) for other confirmation services primarily in connection with a letter of comfort.

Non-audit services performed by the auditors were approved by the Audit Committee in accordance with article 5 (4) sentence 1 of Regulation (EU) No. 537/2014 of the European Parliament and of the Council of 16 April 2014.

Other disclosures

34. Liability for inherited debts

Insofar as the stakeholders were liable for the liabilities of the former WestLB as guarantors in accordance with article 1 section 11 of the law restructuring the legal framework for public-law banks in North Rhine-Westphalia of 2 July 2002 in conjunction with article 1 section 4 (6) of the law restructuring Landesbank Nordrhein-Westfalen as a promotional bank for the State of North Rhine-Westphalia and amending other laws of 16 March 2004, this liability remains in effect to the same extent following the transfer of the liabilities to the EAA.

All liabilities and obligations of the Westdeutsche Landesbank Girozentrale that had already been agreed as of the cut-off date of 18 July 2001 are covered by unrestricted guarantor liability until the end of their terms. Liabilities or obligations that were entered into after 18 July 2001 are no longer covered by the guarantor liability.

The owners of the former Westdeutsche Landesbank Girozentrale will fulfil their obligations towards the EAA in connection with guarantor liability without delay as soon as they have determined, properly and in writing, that creditors cannot take recourse against the EAA's assets upon the maturity of the liability in question. This expressly includes the possibility of settling liabilities at a time that directly coincides with their maturity. Notification in accordance with the law governing state aid is not required in this case.

A total volume of EUR 1.1 billion (previous year: EUR 1.2 billion) is covered by guarantor liability.

NOTES

35. Global guarantee

The EAA has issued a global guarantee in favour of EAA CBB. It will hold for as long as EAA has an equity interest in this bank.

36. Transactions not reported in the balance sheet

The following collateral was provided for the EAA's liabilities during the fiscal year:

Collateral type	Balance sheet position of the collateralised liabilities	31/12/2019 EUR million	31/12/2018 EUR million
Cash collateral provided for securities lending	Trading portfolio *)	3,948.4	3,496.2
Securities pledged	Trading portfolio	203.6	31.7

*) The EAA provided cash collateral for transactions concluded in connection with an ISDA master agreement or a comparable master agreement with a corresponding agreement on collateral. The measurement of cash collateral takes into account the entirety of all transactions with a particular counterparty that are covered by a master agreement. Cash collateral is therefore provided for transactions whose reporting in the balance sheet depends on their allocation to the trading or non-trading portfolio as well as their market value. The allocation of cash collateral provided on the basis of a master agreement to liabilities by amount is not informative. This applies mutatis mutandis to cash collateral covered by the OTC derivatives risk assumption agreement.

37. Other obligations

Letter of comfort

The EAA had issued letters of comfort for WestImmo's liabilities incurred prior to 31 May 2015 (the day on which the sale of WestImmo became effective). These letters of comfort have been rendered invalid for the future with the reduction of the shareholding to 0%. The EAA is still liable for the old liabilities of WestImmo that were incurred prior to the completion of the sale on the basis of one of these letters of comfort. These old liabilities are recognised under contingent liabilities. This volume is constantly decreasing as a result of scheduled and unscheduled repayments.

Guarantor liability

Portigon's statutory guarantor liability for liabilities of the former Rheinland-Pfalz Bank, Mainz, the former HSH Nordbank AG (trading as Hamburg Commercial Bank AG since 4 February 2019), Hamburg/Kiel, DekaBank Deutsche Girozentrale, Frankfurt am Main and WestImmo was transferred to the EAA in 2012 by way of the spin-off. Since these institutions' new liabilities are no longer covered by the guarantor liability, the volume of liabilities covered is constantly falling as a result of the repayment of amounts as they fall due.

NOTES

Other contingencies

There are other financial obligations totalling EUR 168.0 million (previous year: EUR 259.6 million) stemming from service agreements, rental contracts, outstanding capital contributions and lines from private equity investments that have not yet been called. Of these obligations, EUR 140.3 million (previous year: EUR 190.1 million) are attributable to affiliates and EUR 4.1 million (previous year: EUR 4.2 million) to long-term equity investments.

38. Forward contracts/derivative financial instruments

The EAA enters into the following types of forward contracts and derivative financial instruments:

△ Interest rate-related products

Interest rate swaps, interest rate futures, forward rate agreements, interest rate caps, interest rate floors, interest rate collars, swaptions and interest rate options

△ Currency-related products

Interest rate/cross-currency swaps, forward interest rate/cross-currency swaps, forward exchange contracts and currency option contracts

△ Equity- and other price-related products

Share options, index options, share and index warrants in issue

△ Credit derivatives

Credit default swaps, total return swaps and credit-linked notes

The total volume of forward transactions and derivatives transactions as of the reporting date amounted to EUR 168.6 billion based on notional values (previous year: EUR 211.7 billion).

The focus remains on interest-rate-related products, whose share stands at 85.2% (previous year: 85.8%) of the total volume.

If they are exchange-traded, derivative financial instruments are calculated at the market price on the reporting date. For non-exchange-traded derivatives, market values were determined on the basis of actuarial measurement models as well as valuation parameters available on the market (including interest rates, interest rate volatilities and exchange rates).

NOTES

Derivative financial instruments – volume as of the balance sheet date

	Notional amount		Positive market values		Negative market values	
	31/12/2019 EUR million	31/12/2018 EUR million	31/12/2019 EUR million	31/12/2018 EUR million	31/12/2019 EUR million	31/12/2018 EUR million
Interest rate-related products	143,683.3	181,654.1	15,328.2	14,440.5	15,924.6	15,044.0
OTC products	143,683.3	181,292.1	15,328.2	14,440.5	15,924.6	15,044.0
Exchange-traded products	-	362.0	-	-	-	-
Currency-related products	22,958.7	27,985.4	587.8	547.0	320.3	377.0
OTC products	22,958.7	27,985.4	587.8	547.0	320.3	377.0
Equity- and other price-related products	1,972.1	1,972.1	8.5	63.9	8.0	63.1
OTC products	1,972.1	1,972.1	8.5	63.9	8.0	63.1
Credit derivatives	-	60.0	-	0.2	-	0.7
OTC products	-	60.0	-	0.2	-	0.7
Total	168,614.1	211,671.6	15,924.5	15,051.6	16,252.9	15,484.8
OTC products	168,614.1	211,309.6	15,924.5	15,051.6	16,252.9	15,484.8
Exchange-traded products	-	362.0	-	-	-	-

The average annual notional volume of forward contracts and derivatives transactions amounted to EUR 192.8 billion in fiscal year 2019 (previous year: EUR 234.4 billion).

NOTES

Derivative financial instruments – average volumes

	Notional amount		Positive market values		Negative market values	
	31/12/2019 EUR million	31/12/2018 EUR million	31/12/2019 EUR million	31/12/2018 EUR million	31/12/2019 EUR million	31/12/2018 EUR million
Interest rate-related products	164,310.6	201,442.4	16,074.1	15,540.3	16,759.2	16,068.6
OTC products	164,077.0	199,877.7	16,074.1	15,540.3	16,759.2	16,068.6
Exchange-traded products	233.6	1,564.7	-	-	-	-
Currency-related products	26,546.5	30,930.0	649.0	641.6	361.5	485.0
OTC products	26,546.5	30,930.0	649.0	641.6	361.5	485.0
Equity- and other price-related products	1,972.1	1,972.1	29.5	49.4	28.9	48.8
OTC products	1,972.1	1,972.1	29.5	49.4	28.9	48.8
Credit derivatives	12.0	68.0	-	0.5	0.1	0.9
OTC products	12.0	68.0	-	0.5	0.1	0.9
Total	192,841.2	234,412.5	16,752.6	16,231.8	17,149.7	16,603.3
OTC products	192,607.6	232,847.8	16,752.6	16,231.8	17,149.7	16,603.3
Exchange-traded products	233.6	1,564.7	-	-	-	-

Without exception, forward contracts and derivatives transactions are concluded for hedging purposes.

The received and paid option premiums for derivative financial instruments of the non-trading portfolio are reported in other assets or other liabilities.

Derivative financial instruments – maturities

	Interest rate-related products		Currency-related products		Equity- and other price-related products		Credit derivatives	
	31/12/2019 EUR million	31/12/2018 EUR million	31/12/2019 EUR million	31/12/2018 EUR million	31/12/2019 EUR million	31/12/2018 EUR million	31/12/2019 EUR million	31/12/2018 EUR million
Due								
- within 3 months	13,484.9	18,131.7	6,508.4	7,255.5	-	-	-	60.0
- 3 months to 1 year	15,084.9	22,283.9	3,032.3	3,916.7	-	-	-	-
- 1 to 5 years	41,594.5	57,959.7	7,819.2	9,393.8	1,972.1	1,972.1	-	-
- after 5 years	73,519.0	83,278.8	5,598.8	7,419.4	-	-	-	-
Total	143,683.3	181,654.1	22,958.7	27,985.4	1,972.1	1,972.1	-	60.0

NOTES

39. Number of employees

The average number of employees during the reporting period was as follows:

	Male	Female	Total 1/1-31/12/2019	Total 1/1-31/12/2018
Number of employees	93	69	162	167

As of 31 December 2019 the EAA employed 147 (31 December 2018: 147) full-time equivalents.

40. Stakeholders in the EAA

	31/12/2019 in %	31/12/2018 in %
State of NRW	48.202	48.202
Rheinischer Sparkassen- und Giroverband	25.032	25.032
Sparkassenverband Westfalen-Lippe	25.032	25.032
Landschaftsverband Rheinland	0.867	0.867
Landschaftsverband Westfalen-Lippe	0.867	0.867
Total	100.000	100.000

41. Memberships of other bodies held by Managing Board members

The following members of the Managing Board of the EAA are members of a supervisory board or other supervisory bodies of large public companies pursuant to section 340a (4) No. 1 in conjunction with section 267 (3) HGB. Details of the memberships of other bodies marked with * are provided on a voluntary basis as the companies are not classed as large public companies pursuant to section 340a (4) No. 1 in conjunction with section 267 (3) HGB.

Christian Doppstadt

Mount Street Portfolio Advisers GmbH *
Erste Financial Services GmbH

Horst K pker

EDD AG i.L. *
Erste Financial Services GmbH
Westdeutsche Spielbanken GmbH *

NOTES

42. Memberships of other bodies held by employees

The following employees of the EAA are members of a supervisory board or other supervisory bodies of large public companies pursuant to section 340a (4) No. 1 in conjunction with section 267 (3) HGB.

Hartmut Rahner

EAA Covered Bond Bank Plc (until 4 October 2019)

Dr Hartmut Schott

AKA Ausfuhrkredit-Gesellschaft mbH (until 18 April 2019)

EAA Covered Bond Bank Plc (since 3 October 2019)

43. Executive bodies of the EAA

Members of the Managing Board of the EAA

Matthias Wargers (Spokesman) (until 31 December 2019)

Christian Doppstadt

Horst K pker

Members of the Supervisory Board of the EAA

Dr Patrick Opdenh vel

Chairman

State Secretary in the Ministry of Finance of NRW

Joachim Stapf

Vice Chairman

Senior Assistant Secretary (Leitender Ministerialrat) in the Ministry of Finance of NRW

Michael Breuer

President of the Rheinischer Sparkassen- und Giroverband

Hans Buschmann

Former Deputy Association Director of the Rheinischer Sparkassen- und Giroverband

Dr Jutta A. D nges (until 17 June 2019)

Member of the Executive Board of the Bundesrepublik Deutschland - Finanzagentur GmbH

Rolf Einmahl

Lawyer,

Member of the Landschaftsversammlung of the Landschaftsverband Rheinland

NOTES

Henning Giesecke

Managing Director of GSW Capital Management GmbH,
Former Chief Risk Officer of HypoVereinsbank AG and UniCredit Group

Wilfried Groos

Chairman of the Managing Board of the Sparkasse Siegen

Dr Achim Kopf (since 17 June 2019)

Head of Risk Control of the Bundesrepublik Deutschland - Finanzagentur GmbH

Matthias Löb

Director of the Landschaftsverband Westfalen-Lippe

Angelika Marienfeld

Former State Secretary in the Ministry of Finance of NRW

Michael Stölting

Member of the Managing Board of NRW.BANK

Jürgen Wannhoff

Vice President and Member of the Managing Board of the Sparkassenverband Westfalen-Lippe

Stakeholders' Meeting of the EAA

The Stakeholders' Meeting is made up of representatives of the stakeholders (see Note 40).

44. Remuneration paid to executive bodies

The remuneration of members of the Managing Board amounted to EUR 1,543 thousand in fiscal year 2019 (previous year: EUR 1,524 thousand).

Remuneration paid to Managing Board members

	31/12/2019	31/12/2018
	EUR	EUR
Matthias Wargers (until 31 December 2019)	500,000	500,000
Christian Doppstadt	442,500	424,500
Horst Küpker	450,000	450,000
	1,392,500	1,374,500
Remuneration in kind	41,754	40,848
Expenses for pensions	108,758	108,758
Total	1,543,012	1,524,106

NOTES

The total remuneration of all members of the Supervisory Board and its committees, amounting to EUR 155 thousand net (previous year: EUR 146 thousand net) and EUR 175 thousand gross (previous year: EUR 164 thousand gross), represents compensation for work performed and is divided into a basic salary and an attendance fee for each Supervisory Board meeting and – if a membership exists – for each committee meeting.

Remuneration to Supervisory Board members

	31/12/2019	31/12/2018
	EUR	EUR
Member appointed by the Stakeholders' Meeting		
Dr Patrick Opdenhövel	22,700	21,800
Joachim Stapf	9,600	9,600
Michael Breuer	12,400	11,500
Hans Buschmann	14,600	14,000
Rolf Einmahl	6,200	6,200
Henning Giesecke	23,600	22,100
Wilfried Groos	14,900	14,000
Matthias Löb	6,200	5,600
Angelika Marienfeld	6,200	5,900
Michael Stölting	23,600	23,000
Jürgen Wannhoff	11,800	11,800
Member delegated by the FMSA		
Günter Borgel (until 9 January 2018)	-	-
Member delegated by the Bundesrepublik Deutschland - Finanzagentur GmbH		
Dr Jutta A. Dönges (since 9 January 2018 until 17 June 2019)	-	-
Dr Achim Kopf (since 17 June 2019)	3,612	-
Total (net)	155,412	145,500

The basic salary paid to a simple member of the Supervisory Board or a committee, and the attendance fees paid to members of the Supervisory Board or a committee for each meeting, is identical. The basic salary paid to the chairman and vice chairman of the Supervisory Board and each committee is higher. With regard to the determination of the payment of compensation for work undertaken, the Stakeholders' Meeting decided that travel costs incurred by members of the Supervisory Board and its committees are to be reimbursed individually by the EAA in the customary amount upon application.

NOTES

In cases where membership of the Supervisory Board and potentially the relevant committee does not start or end at the start or end of the year, the basic salaries are paid pro rata for each full or partial month of membership in accordance with a resolution of the Stakeholders' Meeting.

Dr Jutta A. Dönges and Günter Borgel waived an expense allowance.

This does not take into account any payment obligations on the part of the mandate holders or payments already made. The payment of value added tax by the EAA depends on the individual tax situation in each case.

No compensation is paid to the representatives of stakeholders in the Stakeholders' Meeting.

45. Loans to executive bodies

No advances or loans were provided to members of the EAA's Managing Board or Supervisory Board either in fiscal year 2019 or in the previous year.

NOTES

46. Information on shareholdings

Supplementary disclosures pursuant to section 285 (11) and (11a) and section 340a (4)
No. 2 HGB

Shareholdings in a foreign currency converted into EUR using the balance sheet rate

Disclosure of capital share and voting rights in %, amounts in EUR thousand

Disclosure of voting rights only if the percentage share differs from the share of capital

Other shareholdings

No.	Name	Location	Capital share	Voting rights	CCY	Equity	Result
1	Achte EAA-Beteiligungs GmbH ⁵⁾	Düsseldorf	100.00		EUR	28	-9
2	ANC Handels GmbH & Co. KG ¹⁾	Mörfelden-Walldorf	1.00			n. s.	n. s.
3	BNYM GCS 2 GP Investors, LLC ⁵⁾	Wilmington, US	50.00	0.00	USD	38	-4
4	CBAL S.A. ^{2) 7)}	Brussels, Belgium	100.00		EUR	1,736	175
5	COREplus Private Equity Partners GmbH & Co. KG ^{1) 5)}	Frankfurt am Main	36.52	0.00	EUR	1,578	1,327
6	COREplus Private Equity Partners II - Diversified Fund, L. P. ⁵⁾	Wilmington, US	24.75	0.00	USD	6,825	-1,502
7	Corsair III Financial Services Capital Partners L.P.	Wilmington, US	1.84	0.00		n. s.	n. s.
8	Corsair III Financial Services Offshore Capital Partners L.P.	George Town, Cayman Islands	1.84	0.00		n. s.	n. s.
9	Deutsche Anlagen-Leasing Service & Co. Objekt ILB Potsdam KG i.L. ^{1) 5)}	Aschheim	92.20	91.82	EUR	134	-60
10	Deutsche Anlagen-Leasing Service & Co. Sparkassenneubau Teltow-Fläming KG ^{1) 5)}	Aschheim	78.49	77.70	EUR	-489	756
11	Dritte EAA Anstalt & Co. KG ^{2) 5)}	Düsseldorf	100.00		EUR	767,131	7,323
12	Dusskapital Zwanzig Beteiligungsgesellschaft mbH ⁵⁾	Düsseldorf	100.00		EUR	39	1
13	EAA Charity LLP ^{1) 5)}	Wilmington, US	100.00		USD	18,834	1,717
14	EAA Covered Bond Bank Plc ^{5) 8)}	Dublin 1, Ireland	100.00		EUR	528,400	-830
15	EAA DLP I LLP ^{1) 5)}	Wilmington, US	100.00		USD	107,022	501
16	EAA DLP II LLP ^{1) 5)}	Wilmington, US	100.00		USD	85,793	3,539
17	EAA DLP III LLP ^{1) 5)}	Wilmington, US	100.00		USD	137,654	-8,280
18	EAA do Brasil Participacoes, Representacoes e Negocios Ltda. ⁵⁾	Sao Paulo, Brazil	100.00		BRL	849	-11
19	EAA Europa Holding GmbH ^{3) 5)}	Düsseldorf	100.00		EUR	5,731	0
20	EAA Greenwich LLP ^{1) 5)}	Wilmington, US	100.00		USD	142,936	1,576
21	EAA LAT ABC LLP ^{1) 5)}	Wilmington, US	100.00		USD	147,200	17,994
22	EAA LAT II LLP ^{1) 5)}	Wilmington, US	100.00		USD	188,317	14,547
23	EAA LS Holdings LLC ^{1) 5)}	Wilmington, US	100.00		USD	0	n. s.
24	EAA PF LLP ^{1) 5)}	Wilmington, US	100.00		USD	137,748	-11,951
25	EAA Spyglass Holdings LLC ^{1) 5)}	Wilmington, US	100.00		USD	12,636	0
26	EAA Triskele LLP ^{1) 5)}	Wilmington, US	100.00		USD	203,223	9,317

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Other shareholdings

No.	Name	Location	Capital share	Voting rights	CCY	Equity	Result
27	EAA US Holdings Corporation ⁵⁾	Wilmington, US	100.00		USD	41,236	-3,148
28	ECP Funding LLC ^{1) 5)}	Dover, US	100.00		USD	0	0
29	EDD AG i.L. ⁵⁾	Düsseldorf	22.82		EUR	22,491	-5,301
30	EMG Projekt Gewerbepark Ludwigsfelde/Löwenbruch GmbH ⁵⁾	Potsdam	47.50		EUR	0	414
31	Erste EAA Anstalt öffentlichen Rechts & Co. KG ^{2) 3) 5)}	Düsseldorf	100.00		EUR	49	0
32	Erste Financial Services GmbH ⁵⁾	Düsseldorf	100.00		EUR	33,004	-30,831
33	Garnet Real Estate LLC ^{1) 5)}	Wilmington, US	100.00		USD	0	0
34	GKA Gesellschaft für kommunale Anlagen mbH i.L. ^{1) 5)}	Düsseldorf	100.00		EUR	73	-207
35	Indigo Holdco LLC ^{1) 5)}	Dover, US	100.00		USD	2,684	0
36	Indigo Land Groveland LLC ¹⁾	Wilmington, US	100.00			n. s.	n. s.
37	Leasing Belgium N.V. ^{1) 5)}	Antwerp, Belgium	100.00		EUR	334	-62
38	MCC SB Condo LLC ^{1) 5)}	Wilmington, US	100.00		USD	0	0
39	MCC SB Unit 144 LLC ^{1) 5)}	South Bend, US	100.00		USD	0	0
40	MCC SB Unit 145 LLC ^{1) 5)}	South Bend, US	100.00		USD	0	0
41	MCC SB Unit 146 LLC ^{1) 5)}	South Bend, US	100.00		USD	0	0
42	MCC SB Unit 147 LLC ^{1) 5)}	South Bend, US	100.00		USD	0	0
43	MCC Tern Landing LLC ^{1) 5)}	Wilmington, US	100.00		USD	1,068	0
44	Meritech Capital Partners II L.P. ^{1) 5)}	Palo Alto, US	0.06	0.00	USD	42,729	9,407
45	MFC Holdco LLC ^{1) 5)}	Dover, US	100.00		USD	1,068	0
46	MFC Pinecrest LLC ¹⁾	Wilmington, US	100.00			n. s.	n. s.
47	MFC Real Estate LLC ^{1) 5)}	Dover, US	100.00		USD	0	0
48	MFC SB BAR, LLC ^{1) 5)}	South Bend, US	100.00		USD	0	0
49	Mod CapTrust Holding LLC ^{1) 5)}	Dover, US	100.00		USD	0	0
50	Monolith Grundstücksverwaltungsgesellschaft mbH ^{1) 5)}	Mainz	100.00		EUR	-28	-141
51	New NIB LLC ¹⁾	Wilmington, US	100.00			n. s.	n. s.
52	New NIB Partners LP ⁵⁾	New York, US	0.94	0.00	EUR	688,475	-135,807
53	S-Chancen-Kapitalfonds NRW GmbH i.L. ⁵⁾	Haan	50.00		EUR	2,041	0
54	Sechste EAA-Beteiligungs GmbH ⁵⁾	Düsseldorf	100.00		EUR	28	-10
55	Siebte EAA-Beteiligungs GmbH ⁵⁾	Düsseldorf	100.00		EUR	50	-9
56	Special Private Equity Partners II, L.P. ⁵⁾	Wilmington, US	18.79	0.00	USD	3,370	-459
57	ThyssenKrupp Aufzugswerke GmbH ⁶⁾	Neuhausen auf den Fildern	0.50		EUR	13,951	0
58	thyssenkrupp Electrical Steel GmbH ⁶⁾	Gelsenkirchen	0.42		EUR	96,922	0
59	thyssenkrupp Materials Processing Europe GmbH ⁶⁾	Krefeld	0.42		EUR	57,903	0
60	thyssenkrupp Materials Services GmbH ⁶⁾	Essen	0.16		EUR	745,235	0
61	ThyssenKrupp Rasselstein GmbH ⁶⁾	Andernach	0.50		EUR	247,021	0
62	West Life Markets GmbH & Co. KG ^{3) 5)}	Düsseldorf	100.00		EUR	1,312	0
63	West Merchant Limited ⁵⁾	London, UK	100.00		GBP	9	-16

NOTES

Other shareholdings

No.	Name	Location	Capital share	Voting rights	CCY	Equity	Result
64	West Zwanzig GmbH ^{3) 5)}	Düsseldorf	100.00		EUR	25	0
65	Westdeutsche Immobilien Holding GmbH ^{3) 5)}	Düsseldorf	100.00		EUR	5,539	0
66	WestGKA Management Gesellschaft für kommunale Anlagen mbH i.L. ^{2) 5) 9)}	Düsseldorf	100.00		EUR	642	0
67	WestInvest Gesellschaft für Investmentfonds mbH ^{1) 5)}	Düsseldorf	0.00		EUR	11,339	0
68	WestLeasing International GmbH ^{1) 5)}	Düsseldorf	100.00		EUR	845	683
69	WestLeasing Westdeutsche Leasing Holding GmbH ^{3) 5)}	Düsseldorf	100.00		EUR	6,625	0
70	WestProject & Consult Gesellschaft für Projektentwicklung und Consulting mbH i.L. ^{1) 4)}	Düsseldorf	100.00		EUR	224	0
71	Windmill Investments Limited ⁵⁾	George Town, Cayman Islands	5.07	0.00	USD	38,287	-142
72	WIV GmbH & Co. Beteiligungs KG ⁵⁾	Frankfurt am Main	5.10		EUR	12,845	745

Interest greater than 5% (large corporations)

No.	Name	Location	Capital share	Voting rights	CCY	Equity	Result
73	Banco Finantia S.A. ⁵⁾	Lisbon, Portugal	8.93		EUR	390,973	38,568

Other companies for which the EAA assumes unlimited liability

No.	Name	Location	Capital share	Voting rights	CCY	Equity	Result
74	GLB GmbH & Co. OHG	Frankfurt am Main	15.47			n. s.	n. s.

¹ Indirect shareholdings.

² Including indirectly held shares.

³ A profit and loss transfer agreement is in place with this company.

⁴ Data as of 31 December 2017.

⁵ Data as of 31 December 2018.

⁶ Data as of 30 September 2019.

⁷ Data as of 31 October 2019.

⁸ A global guarantee exists.

⁹ A profit and loss transfer agreement is in place between the company and its immediate parent; a profit and loss transfer agreement is also in place between the parent company and the EAA.

NOTES

Subsequent events

The sale of EAA CBB cannot be implemented as planned. In response to changed framework conditions, the parties cancelled the purchase agreement on 27 March 2020. The cancellation of the purchase agreement has no effect on the carrying amount of EAA CBB.

No other significant events requiring disclosure have occurred after the reporting date.

Responsibility statement

To the best of our knowledge, and in accordance with the applicable reporting principles, the annual financial statements give a true and fair view of the asset position, financial position and earnings situation of the institution, and the management report includes a true and fair review of the development and performance of the business and the position of the institution, together with a description of the material opportunities and risks associated with the expected development of the institution.

Düsseldorf, 30 March 2020

Erste Abwicklungsanstalt



Christian Doppstadt
Member
of the Managing Board



Horst K pker
Member
of the Managing Board

Independent Auditor's Report

To Erste Abwicklungsanstalt, Düsseldorf

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

Audit Opinions

We have audited the annual financial statements of Erste Abwicklungsanstalt, Düsseldorf, which comprise the balance sheet as at 31 December 2019, and the statement of profit and loss, statement of equity and statement of cash flow for the financial year from 1 January to 31 December 2019, and notes to the financial statements, including the recognition and measurement policies presented therein. In addition, we have audited the management report of Erste Abwicklungsanstalt for the financial year from 1 January to 31 December 2019.

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

- △ the accompanying annual financial statements comply, in all material respects, with the requirements of German commercial law and give a true and fair view of the assets, liabilities and financial position of the Anstalt as at 31 December 2019 and of its financial performance for the financial year from 1 January to 31 December 2019 in compliance with German Legally Required Accounting Principles, and
- △ the accompanying management report as a whole provides an appropriate view of the Anstalt's position. In all material respects, this management report is consistent with the annual financial statements, complies with German legal requirements and appropriately presents the opportunities and risks of future development.

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

Emphasis of Matter – Assertion of a Claim in Connection with Dividend Arbitrage Transactions

We draw attention to the information provided in section "Other risks" of the management report with regard to a claim asserted against the Anstalt in connection with dividend arbitrage transactions. After a detailed assessment of the claim asserted, the Anstalt considers this claim to be unfounded on the basis of the information available to it and with the assistance of external legal advisors commissioned by the Anstalt, and has therefore not recognised a provision. Our opinions on the annual financial statement and on the management report are not modified in respect of this matter.

Basis for the Audit Opinions

We conducted our audit of the annual financial statements and of the management report in accordance with § 317 HGB and the EU Audit Regulation (No. 537/2014, referred to subsequently as "EU Audit Regulation") and in compliance with German Generally Accepted Standards for Financial Statement Audits promulgated by the Institut der Wirtschaftsprüfer [Institute

INDEPENDENT AUDITOR'S REPORT

of Public Auditors in Germany] (IDW). Our responsibilities under those requirements and principles are further described in the "Auditor's Responsibilities for the Audit of the Annual Financial Statements and of the Management Report" section of our auditor's report. We are independent of the Anstalt in accordance with the requirements of European law and German commercial and professional law, and we have fulfilled our other German professional responsibilities in accordance with these requirements. In addition, in accordance with Article 10 (2) point (f) of the EU Audit Regulation, we declare that we have not provided non-audit services prohibited under Article 5 (1) of the EU Audit Regulation. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions on the annual financial statements and on the management report.

Key Audit Matters in the Audit of the Annual Financial Statements

Key audit matters are those matters that, in our professional judgment, were of most significance in our audit of the annual financial statements for the financial year from 1 January to 31 December 2019. These matters were addressed in the context of our audit of the annual financial statements as a whole, and in forming our audit opinion thereon; we do not provide a separate audit opinion on these matters.

In our view, the matters of most significance in our audit were as follows:

- △ Valuation of structured securities
- △ Valuation of the Life Settlement Portfolio

Our presentation of these key audit matters has been structured in each case as follows:

- △ Matter and issue
- △ Audit approach and findings
- △ Reference to further information

Hereinafter we present the key audit matters:

Valuation of structured securities

In connection with a stabilization measure pursuant to § 8a FMStFG (Finanzmarktstabilisierungsfondsgesetz: German Financial Market Stabilization Fund Act), Erste Abwicklungsanstalt acquired several portfolios with structured securities from the former WestLB AG between 2009 and 2012 which were reported as of 31 December 2019 under the balance sheet items "Bonds and other fixed-income securities" (EUR 3.9 billion or 10.3 % of total assets) and "Loans and advances to customers" (EUR 2.1 billion or 5.6 % of total assets). Internal valuation models were developed and used in collaboration with Erste Abwicklungsanstalt for the purpose of valuing the structured securities, since no market prices are available. The valuation of these structured securities is carried out by Mount Street Portfolio Advisers GmbH, Düsseldorf. The results are reviewed by Erste Abwicklungsanstalt. In regard to the expected future cash flows included in the valuation and the valuation parameters used, which must be estimated in some cases if they are not observable in the market, the valuation of the structured

INDEPENDENT AUDITOR'S REPORT

securities involves significant judgment on the part of the executive directors. Against this background, this matter was of particular significance for our audit.

As part of the audit of the annual financial statements, we firstly assessed the effectiveness of the relevant internal control systems of Mount Street Portfolio Advisers GmbH and of Erste Abwicklungsanstalt for the valuation of these securities. In doing so, we have also considered the relevant organizational structures and processes in this assessment together with the IT systems. In addition, we have evaluated the valuation models and the material parameters relevant to the valuation. We have also involved our valuation specialists for this purpose. Overall, the valuation parameters used by the executive directors are in line with our expectations and are also within the ranges considered by us to be reasonable.

Erste Abwicklungsanstalt's disclosures relating to the accounting treatment and valuation of the structured securities are included in sections 3, 5 and 7 of the notes to the financial statements.

Valuation of the Life Settlement Portfolio

Erste Abwicklungsanstalt indirectly holds all the rights and obligations from American life insurance policies, known as the Life Settlement Portfolio, via its subsidiary Erste EAA Anstalt öffentlichen Rechts und Co. KG (Erste EAA). Beneficial ownership of the policies is conveyed by trust certificates held by partnerships under US law which are subsidiaries of Erste EAA. The EAA reports the shares in Erste EAA with a carrying amount of EUR 25 thousand under shares in affiliates. Erste Abwicklungsanstalt financed the acquisition of the rights and obligations from the life insurance policies by means of a loan to Erste EAA and reports the resulting receivable amounting to EUR 1,191 million under "Loans and advances to customers", of which an amount of EUR 366 million is presented as "Subordinated assets". The life settlement engagements are valued by American actuaries by means of a present value calculation based on an analysis of the expected future cash flows from the underlying insurance contracts. Risks can arise for Erste Abwicklungsanstalt if, for example, insurance premiums are expected to be payable for longer than originally forecast as a result of increased life expectancy. Additional risks arise as a result of higher costs for the insurance companies which they pass on in the form of higher premiums on the basis of contractual provisions; the Anstalt and its subsidiaries dispute whether these cost recharges are permissible and appropriate, including by means of legal action in some cases. Against this background, the valuation of the Life Settlement Portfolio involves material scope for judgment with the result that this matter was of particular significance for our audit.

As part of our audit of the annual financial statements, we have firstly assessed the effectiveness of the relevant internal control system for reviewing the valuation of the Life Settlement Portfolio. In doing so, we have also considered the relevant organizational structures and processes in this assessment together with the IT systems. In addition, we have evaluated the valuation model and the material data relevant to the valuation by analyzing the cash flows and we have verified the parameters underlying the valuation and, where possible, reconciled them with comparable market data. We have also reperformed the valuations on a sample basis. We have received assistance from our actuarial specialists for this purpose. With respect to the legal actions brought by Erste Abwicklungsanstalt, we have obtained an explanation of the current state of affairs with the involvement of the attorneys responsible and evaluated the estimate of the expected outcome of the respective proceedings. Overall, the valuation parameters used by the executive directors are in line with our expectations and are also within

INDEPENDENT AUDITOR'S REPORT

the ranges considered by us to be reasonable. In our view, the executive directors' estimates with respect to the legal proceedings are adequately documented and substantiated.

Erste Abwicklungsanstalt's disclosures relating to the accounting treatment and valuation of the life settlement portfolio are included in sections 3, 5 and 15 of the notes to the financial statements.

Other Information

The executive directors are responsible for the other information.

The other information comprises the annual report – excluding cross-references to external information – with the exception of the audited annual financial statements, the audited management report and our auditor's report.

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

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

△ is materially inconsistent with the annual financial statements, with the management report or our knowledge obtained in the audit, or

△ otherwise appears to be materially misstated.

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

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

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

Furthermore, the executive directors are responsible for the preparation of the management report that as a whole provides an appropriate view of the Anstalt's position and is, in all material respects, consistent with the annual financial statements, complies with German legal requirements, and appropriately presents the opportunities and risks of future development. In addition, the executive directors are responsible for such arrangements and measures

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(systems) as they have considered necessary to enable the preparation of a management report that is in accordance with the applicable German legal requirements, and to be able to provide sufficient appropriate evidence for the assertions in the management report.

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

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

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

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

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

- △ Identify and assess the risks of material misstatement of the annual financial statements and of the management report, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our audit opinions. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal controls.
- △ Obtain an understanding of internal control relevant to the audit of the annual financial statements and of arrangements and measures (systems) relevant to the audit of the management report in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an audit opinion on the effectiveness of these systems of the Anstalt.
- △ Evaluate the appropriateness of accounting policies used by the executive directors and the reasonableness of estimates made by the executive directors and related disclosures.

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- △ Conclude on the appropriateness of the executive directors' use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Anstalt's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in the auditor's report to the related disclosures in the annual financial statements and in the management report or, if such disclosures are inadequate, to modify our respective audit opinions. Our conclusions are based on the audit evidence obtained up to the date of our auditor's report. However, future events or conditions may cause the Anstalt to cease to be able to continue as a going concern.
- △ Evaluate the overall presentation, structure and content of the annual financial statements, including the disclosures, and whether the annual financial statements present the underlying transactions and events in a manner that the annual financial statements give a true and fair view of the assets, liabilities, financial position and financial performance of the Anstalt in compliance with German Legally Required Accounting Principles.
- △ Evaluate the consistency of the management report with the annual financial statements, its conformity with German law, and the view of the Anstalt's position it provides.
- △ Perform audit procedures on the prospective information presented by the executive directors in the management report. On the basis of sufficient appropriate audit evidence we evaluate, in particular, the significant assumptions used by the executive directors as a basis for the prospective information, and evaluate the proper derivation of the prospective information from these assumptions. We do not express a separate audit opinion on the prospective information and on the assumptions used as a basis. There is a substantial unavoidable risk that future events will differ materially from the prospective information.

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

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

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

Other legal and regulatory requirements

Further Information pursuant to Article 10 of the EU Audit Regulation

We were elected as auditor by the supervisory board on 9 April 2019. We were engaged by the supervisory board on 18 April 2019. We have been the auditor of the Erste Abwicklungsanstalt, Düsseldorf, without interruption since the short financial year from 11 December 2009 to 30 June 2010.

INDEPENDENT AUDITOR'S REPORT

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

German Public Auditor responsible for the engagement

The German Public Auditor responsible for the engagement is Michael Maifarth.

Düsseldorf, 31 March 2020

PricewaterhouseCoopers GmbH
Wirtschaftsprüfungsgesellschaft

Michael Maifarth
Wirtschaftsprüfer
(German Public Auditor)

ppa. Ralf Scherello
Wirtschaftsprüfer
(German Public Auditor)

LIST OF ABBREVIATIONS

List of abbreviations

ABS	Asset backed securities
ALCO	Asset Liability Committee
ALM	Asset liability management
APAC	Asia-Pacific economic area
AT	General part
AUD	Australian dollar
BaFin	German Federal Financial Supervisory Authority (Bundesanstalt für Finanzdienstleistungsaufsicht)
BilMoG	German Accounting Law Modernisation Act (Bilanzrechtsmodernisierungsgesetz)
bp	Basis points
BRL	Brazilian real
CAD	Canadian dollar
CCY	Currency code
CHF	Swiss franc
CRR	Capital Requirements Regulation
CVA	Credit valuation adjustments
CZK	Czech koruna
DAC	Designated activity company
DRS	German Accounting Standard (Deutscher Rechnungslegungsstandard)
EAA	Erste Abwicklungsanstalt, Düsseldorf
EAA CBB	EAA Covered Bond Bank Plc, Dublin/Ireland
EAA GW	EAA Global Watchlist
EBA	European Banking Authority
EC	European Community
ECB	European Central Bank
EEC	European Economic Community
EFS	Erste Financial Services GmbH, Düsseldorf (Portigon Financial Services GmbH until 28 June 2016)
EMEA	Europe, Middle East and Africa economic area
EMIR	European Market Infrastructure Regulation
EONIA	Euro Overnight Index Average
et seqq.	and the following
EU	European Union
EUR	Euro
Fed	US Federal Reserve
Fitch	Fitch Ratings
FMS	German Financial Market Stabilisation Fund (Finanzmarktstabilisierungsfonds)
FMSA	German Federal Agency for Financial Market Stabilisation (Bundesanstalt für Finanzmarktstabilisierung)
FMStFG	German Financial Market Stabilisation Fund Act (Finanzmarktstabilisierungsfondsgesetz)
FX effect	Foreign exchange effect
GBP	Pound sterling
GDP	Gross domestic product

LIST OF ABBREVIATIONS

HGB	German Commercial Code (Handelsgesetzbuch)
HRA	Commercial register department A (Handelsregister Abteilung A)
HSBC	HSBC Trinkaus & Burkhardt AG, Düsseldorf
IBM	IBM Deutschland GmbH, Ehningen
ICS/RMS	Internal control and risk management system
IDW	Institute of Public Auditors in Germany (Institut der Wirtschaftsprüfer)
IS	Income statement
ISDA	International Swaps and Derivatives Association
IT	Information technology
JPY	Japanese yen
KWG	German Banking Act
MaRisk	German Minimum Requirements for Risk Management (Mindestanforderungen an das Risikomanagement)
Moody's	Moody's Investors Service
MSPA	Mount Street Portfolio Advisers GmbH, Düsseldorf (EAA Portfolio Advisers GmbH until 15 November 2017)
MtM	Mark to market
Muni GIC	Municipal guaranteed investment contracts
n. s.	Not specified
N.R.	Not rated
No.	Number
Note	Note
NPL	Non-performing loans
NRW	North Rhine-Westphalia
OIS	Overnight indexed swap
OTC	Over the counter
Para.	Paragraph
Portigon	Portigon AG, Düsseldorf (WestLB AG until 2 July 2012)
py	Previous year
RechKredV	German Ordinance on Accounting for Banks and Financial Service Providers (Verordnung über die Rechnungslegung der Kreditinstitute und Finanzdienstleistungsinstitute)
RiskCo	Risk Committee
S&P	Standard and Poor's Corporation
S.R.	Special rating
SARS	Severe acute respiratory syndrome
SGD	Singapore dollar
TEUR	Euro thousand
UK	United Kingdom
US	United States
USD	US dollar
VaR	Value at Risk
WestImmo	Westdeutsche ImmobilienBank AG, Mainz (Westdeutsche Immobilien Servicing AG since 30 June 2017)
WestLB	WestLB AG, Düsseldorf (Portigon AG since 2 July 2012)

Imprint

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Concept and design

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