

# **MetLife Europe Insurance d.a.c.**

**Solvency II Solvency and Financial Condition Report  
For the year ended 31 December 2016**

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## Executive summary

### Background

MetLife Europe Insurance d.a.c. (the Undertaking) is an Irish incorporated entity domiciled in Ireland and is authorised by the Central Bank of Ireland (CBI) to transact non-life assurance business in Class 1, 2, 8, 9, 16 and 18 under the European Union (Insurance and Reinsurance) Regulations 2015 (S.I. No 485 of 2015).

The Undertaking has branches in Italy, Spain, Portugal, France, Slovakia, Czech Republic and Romania. The Undertaking also operates via Freedom of Service (FOS) in Germany, Austria, Greece, Poland and the UK. The Undertaking reinsures business from Russia.

The Undertaking is required to submit the 2016 Solvency and Financial Condition Report (SFCR) to the Central Bank of Ireland (CBI) as part of the 2016 annual Solvency II returns. The SFCR is prepared pursuant to the Commission Delegated Regulation (EU) 2015/35 (The Delegated Acts) and the EIOPA Final Report on Public Consultation No. 14/047. The Delegated Acts supplement Directive 2009/138/EC as implemented in Ireland by the European Union (Insurance and Reinsurance) Regulations 2015.

The SFCR is an annual public document, which is also submitted to the CBI. It is available on the Undertaking's website.

### Content

The SFCR includes the following sections:

#### A - Business and Performance

This section provides an overview of the Undertaking and describes significant business events. It also analyses the performance of the financial statements results, as prepared under International Financial Reporting Standards (IFRS), against prior year.

#### B - Systems of Governance

This section describes the roles and responsibilities of the Board of Directors, key committees, functions and function holders. It also describes the internal controls, risk management and the Own Risk and Solvency Assessment (ORSA) process.

#### C - Risk Profile

This section describes material exposures, concentrations, mitigation practices, sensitivities, and stress and scenario analysis in relation to key risks (underwriting, market, credit, liquidity and operational). It also describes the nature, measurement and management of the risks.

#### D - Valuation for solvency purposes

This section compares Solvency II and IFRS valuation bases and describes the technical provisions methodology and assumptions.

#### E - Capital Management

This section describes the composition of own funds, the solvency capital requirement (SCR), the minimum capital requirement (MCR) and the standard formula SCR calculation method used. It also analyses the movements against the prior year.

### Appendix

This includes all public Quantitative Reporting Templates (QRTs).

### Significant events during the year

The material changes during the year noted in the sections above are as follows:

- The Undertaking established a branch in Romania during the year. This transfer was the final part of the 'Project Evolution' organisational restructuring programme, which aligns with the Solvency II implementation strategy.

Further details around Project Evolution and its impact on the IFRS financial statement results are set out in section A. Its impact on Solvency II results is set out in sections D and E.

- The Solvency II regulatory framework was fully implemented in Ireland on 1 January 2016. The Undertaking has implemented the required changes to policies and processes, data and systems, and people and organisational structures to comply with the new regulations.

The Solvency II valuation basis is set out in section D. There have been no material changes to the valuation basis during the year.

The solvency ratio at 31 December 2016 is 264% (1 January 2016 217%).

- Overall the risk profile remained relatively stable over the year with risk exposures moving in line with business volumes and the Romania Project Evolution transfer.
- The Reserving Committee was established during 2016 as a sub committee of the Executive Risk Committee. In April 2017 it was moved to be a sub committee of the Audit Committee. The Committee reviews the basis of Solvency II reserving, including assumptions and methodology, and is chaired by the Chief Risk Officer. The Project Evolution Committee was disbanded on 6th December 2016 as the legal entity restructuring programme had been completed. Over the reporting period, there have been no other material changes in the system of governance of the Undertaking.

### Approval

The SFCR was approved by the Board of Directors on 10th May 2017.

## **A Business and performance**

### **A.1 Business**

#### **A.1.1 Overview**

MetLife Europe Insurance d.a.c. (the Undertaking) is an Irish incorporated entity domiciled in Ireland and was incorporated on 25 June 2009. On 10 May 2012, the Undertaking was authorised by the Central Bank of Ireland (CBI) to conduct business as a Non-Life Insurance Undertaking with its head office in Ireland.

The Undertaking is authorised to write Class 1, 2, 8, 9, 16 and 18 Non-Life Insurance under the European Union Insurance and Reinsurance Regulations 2015.

The Undertaking's immediate parent company is MetLife EU Holding Company Limited and its ultimate parent company is MetLife Inc., a company domiciled in the United States of America. Refer to A.1.4 for details on the Group entity structure.

The Undertaking has branches in Italy, Spain, Portugal, France, Slovakia, Czech Republic and Romania. The Undertaking also operates via Freedom of Service (FOS) in Germany, Austria, Greece, Poland and the UK. The Undertaking reinsures business from Russia.

The Undertaking's regulatory supervisor is the CBI, whose address is:

Central Bank of Ireland  
New Wapping Street,  
North Wall Quay,  
Dublin 1

The Undertaking's external auditor is Deloitte, whose address is:

Deloitte  
Deloitte House  
Earlsfort Terrace  
Dublin 2

See section A.2 for a description of the Undertaking's underwriting performance by material lines of business and geographical areas.

#### **A.1.2 Significant business and external events**

MetLife Inc. operates within Europe through various subsidiaries. The Undertaking participated in a significant restructuring of MetLife Inc.'s European operations to achieve an efficient business architecture that enables MetLife Inc. to leverage the options provided by the European Insurance Directives to 'passport' throughout the EU from a single base. This restructuring programme 'Project Evolution' also aligned to the Solvency II implementation strategy.

As part of this programme, the Undertaking previously established branches in Italy, Spain, Portugal, France, Slovakia and Czech Republic. In 2016, the Undertaking established a branch in Romania which completed the restructuring programme in Europe.

The Undertaking's primary focus is on the provision of involuntary loss of employment (ILOE) cover as an add-on to MetLife Europe d.a.c.'s core life insurance offerings. The Undertaking has a strategic role to support MetLife Europe d.a.c., which is an Irish incorporated entity authorised to write primarily life insurance business in Europe. The Undertaking also provides a small book of mobile phone insurance (MPI) and travel insurance business.

The Solvency II regulatory framework was fully implemented in Ireland on 1 January 2016. The Undertaking has implemented the required changes to policies and processes, data and systems, and people and organisational structures to comply with the new regulatory framework. Throughout 2016 the Undertaking submitted quarterly Quantitative Reporting Templates (QRTs), quarterly National Specific Templates (NSTs) and the Own Risk and Solvency Assessment (ORSA) to the CBI.

The Undertaking changed the presentational currency of its financial statements to Euro for the financial year 2016 to align with Solvency II reporting.

The Undertaking re-registered as a 'designated activity company' as a result of the requirements of the Companies Act 2014 and changed its name from MetLife Europe Insurance Limited to MetLife Europe Insurance d.a.c. on 19 July 2016.

### **A.1.3 Entity structure**

The Undertaking's immediate parent company is MetLife EU Holding Company Limited and its ultimate parent company is MetLife Inc. The Undertaking's parent is subject to group regulatory supervision by the CBI.

The Undertaking has authorised share capital of 100,000,000 shares of €1 each. At 31 December 2016, the Undertaking had issued €2,048,388 in share capital. The qualifying holdings, number of shares and voting rights of the issued shares are:

	<b>Holdings</b>	<b>Shares</b>
MetLife EU Holding Company Limited	93.00%	1,905,001
American Life Insurance Company	7.00%	143,387

#### A.1.4 Total performance

<b>Total performance</b>	Section reference	<b>2016</b> <b>€'000</b>	2015 €'000
<b>Operating</b>			
Underwriting result	A2.1	<b>11,464</b>	12,987
Investment income	A3.1	<b>427</b>	512
Other income	A4	<b>1,088</b>	34
Expenses	A4	<b>(7,024)</b>	(7,261)
Tax	A4	<b>(2,129)</b>	(1,268)
<b>Total operating</b>		<b>3,826</b>	<b>5,004</b>
<b>Non-operating</b>			
Investment income	A3.1	<b>137</b>	11
Foreign exchange gain/(loss)	A4	<b>313</b>	(3)
Expenses	A4	<b>22</b>	(307)
Tax	A4	<b>(62)</b>	(668)
<b>Total non-operating</b>		<b>410</b>	<b>(967)</b>
<b>Profit for the financial year</b>		<b>4,236</b>	<b>4,035</b>

The financial values are per the Undertaking's IFRS financial statements.

Analysis is provided in the sections referenced above.

## A.2 Underwriting performance

### A.2.1 Underwriting performance by line of business

The table sets out the analysis of 2016 underwriting performance against the prior year.

	Miscellaneous financial loss		Assistance		Total	
	€'000 2016	€'000 2015	€'000 2016	€'000 2015	€'000 2016	€'000 2015
Net earned premium	16,212	16,377	1,579	1,450	17,791	17,827
Reinsurance commission income	2,015	974	—	—	2,015	974
<b>Total premium and commission income</b>	<b>18,227</b>	<b>17,351</b>	<b>1,579</b>	<b>1,450</b>	<b>19,806</b>	<b>18,801</b>
Claims incurred	(2,076)	516	(289)	8	(2,365)	524
Change in technical provisions	1,193	2,939	43	(26)	1,236	2,913
<b>Total policyholder benefits</b>	<b>(883)</b>	<b>3,455</b>	<b>(246)</b>	<b>(18)</b>	<b>(1,129)</b>	<b>3,437</b>
Commission	(4,358)	6,074	(495)	(463)	(4,853)	5,611
Other variable expenses	(1,136)	(1,493)	—	—	(1,136)	(1,493)
<b>Total variable expenses</b>	<b>(5,494)</b>	<b>4,581</b>	<b>(495)</b>	<b>(463)</b>	<b>(5,989)</b>	<b>4,118</b>
<b>Deferred acquisition costs</b>	<b>(1,224)</b>	<b>(13,369)</b>	<b>—</b>	<b>—</b>	<b>(1,224)</b>	<b>(13,369)</b>
<b>Underwriting result</b>	<b>10,626</b>	<b>12,018</b>	<b>838</b>	<b>969</b>	<b>11,464</b>	<b>12,987</b>

The underwriting profit decreased by €1.5m from €13m in 2015 to €11.5m in 2016. This was mainly driven by:

- Profit has decreased due to higher Spain claims and an Italy ceded claims adjustment in 2016 in relation to the 2015 American Life Insurance Company (Alico) reinsurance agreement (see section A.5.2 for details). There is also lower profit in Head Office due to reduced growth and termination of certain blocks of the FOS business.
- This is partially offset by lower commission in the Head Office business in Poland due to 2016 regulatory changes and the impact of the new branches established from April 2015. Branches were established in Slovakia and Czech Republic (April 2015) and Romania (May 2016).
- There are offsetting variances in commission and DAC arising from the balances transferred and paid for in the Alico reinsurance agreement.



## A.2.2 Underwriting performance by geographical segment

The Undertaking performance, split by material geographic performance is set out in the table below:

	<b>UK and Ireland</b>		<b>Western Europe</b>		<b>Central Europe</b>		<b>Total</b>	
	<b>2016</b>	2015	<b>2016</b>	2015	<b>2016</b>	2015	<b>2016</b>	2015
	<b>€'000</b>	€'000	<b>€'000</b>	€'000	<b>€'000</b>	€'000	<b>€'000</b>	€'000
Premium and commission income	<b>3,933</b>	7,753	<b>12,018</b>	7,973	<b>3,855</b>	3,076	<b>19,806</b>	18,801
Policyholder benefits	<b>(158)</b>	(213)	<b>(1,054)</b>	3,645	<b>83</b>	5	<b>(1,129)</b>	3,437
Variable expenses	<b>(1,145)</b>	(4,370)	<b>(3,819)</b>	11,174	<b>(1,025)</b>	(2,686)	<b>(5,989)</b>	4,118
Deferred acquisition costs	<b>(2)</b>	1,149	<b>(416)</b>	(14,518)	<b>(806)</b>	—	<b>(1,224)</b>	(13,369)
<b>Underwriting result</b>	<b>2,628</b>	4,319	<b>6,729</b>	8,274	<b>2,107</b>	395	<b>11,464</b>	12,987

See section A.2.1 which sets out the main drivers of the movements in underwriting profit by branch.

## A.3 Investment Performance

### A.3.1 Investment return

	<b>2016</b>	2015
	<b>€'000</b>	€'000
<b>Operating investment income</b>		
<b>Fixed interest securities</b>		
Net interest income	<b>544</b>	580
Investment management expenses	<b>(117)</b>	(68)
	<hr/>	<hr/>
<b>Total operating investment income</b>	<b>427</b>	512
	<hr/>	<hr/>
<b>Non-operating investment income</b>		
<b>Fixed interest securities</b>		
Realised gains	<b>137</b>	11
	<hr/>	<hr/>
<b>Total non-operating investment income</b>	<b>137</b>	11
	<hr/>	<hr/>
<b>Total investment return</b>	<b>564</b>	523
	<hr/> <hr/>	<hr/> <hr/>

Total investment return increased by €0.04m from €0.52m to €0.56m. This is mainly driven by:

- An increase in realised gains due to the sale of two securities in Italy.
- This is partially offset by lower interest income and higher investment expenses.

### A.3.2 Gains/losses recognised directly in equity

	<b>2016</b>	2015
	<b>€'000</b>	€'000
Investment gains recognised directly in equity	<b>737</b>	1,054
	<hr/> <hr/>	<hr/> <hr/>

The gains/losses reflect the accumulation of the movements from amortised cost to fair value on available for sale financial assets. They are disclosed in equity in the IFRS financial statements.

The decrease in investment gains by €0.3m from €1m to €0.7m is driven by reinvestment in the short duration portfolio.

### A.3.3 Investments in securitisations

The Undertaking has no investments in securitisations.

#### A.4 Performance of other activities

The other income and expenses of the Undertaking for the year are set out below:

	<b>2016</b>	<b>2015</b>
	<b>€'000</b>	<b>€'000</b>
<b>Performance of other activities</b>		
<b>Operating</b>		
Other income	1,088	34
Expenses	(7,024)	(7,261)
Tax	(2,129)	(1,268)
	<hr/>	<hr/>
<b>Total operating</b>	<b>(8,065)</b>	<b>(8,495)</b>
<b>Non-operating</b>		
Expenses	22	(307)
Foreign exchange gain/(loss)	313	(3)
Tax	(62)	(668)
	<hr/>	<hr/>
<b>Total non-operating</b>	<b>273</b>	<b>(978)</b>
	<hr/>	<hr/>
<b>Net results from other activities</b>	<b>(7,792)</b>	<b>(9,473)</b>
	<hr/> <hr/>	<hr/> <hr/>

Net costs from other activities have decreased by €1.7m from €9.5m to €7.8m. This is mainly due to higher 'other income' in Spain. Following the sale by Citibank Espana, S.A. (Citibank Spain) of its consumer business in Spain to Bancopopulare S.A. (BPE), the Undertaking finalised the cancellation of its distribution exclusivity agreement with Citibank Spain. The Undertaking received €0.9million in compensation for the cancellation. The remainder of the variance is mainly due to lower expenses in 2016.

## A.5 Any other information

### Intra-group transactions

Intra-group operations and transactions are mainly related to the Undertaking's reinsurance and operational arrangements.

All intra-group operations and transactions are at arm's length as it would be if the operations and transactions were with a third party.

#### A.5.1 Outstanding balances at year end

The Undertaking has intra-group balances with the following companies that are subsidiaries of its ultimate parent, MetLife Inc.:

	<b>2016</b>	<b>2015</b>
	<b>€'000</b>	<b>€'000</b>
MetLife Greece	226	167
MetLife Europe Services Limited	(2)	13
MetLife Investments Limited	(7)	(4)
MetLife Slovakia s.r.o.	(74)	(345)
MetLife Services EEIG	(173)	(798)
ALICO US	(454)	593
MetLife Europe d.a.c.	(2,373)	(7,114)

#### A.5.2 Material transactions during the year

On 1 May 2016, the Undertaking completed a portfolio transfer and merger with Metropolitan Life Asigurari S.A. (MetLife Romania). The IFRS carrying value of the assets transferred at date of transfer was €7m.

The Undertaking entered into an internal reinsurance agreement with Alico with effect from 1 January 2015. The agreement is a 95% quota share arrangement covering all the Spanish and Italian branch business not already reinsured. In 2016, the reinsurance agreement was extended to the business transferred from Romania and not already reinsured.

As noted in section A.4, following the sale by Citibank Espana, S.A. (Citibank Spain) of its consumer business in Spain to Bancopopulare S.A. (BPE), the Undertaking finalised the cancellation of its distribution exclusivity agreement with Citibank Spain. The Undertaking received €0.9million in compensation for the cancellation.

#### A.5.3 Leases

The Undertaking does not hold any leases.

#### A.5.4 Events after the year end

In January 2017, the executive management teams of the Czech and Slovakian branches were merged.

## B System of governance

### B.1 General information on the system of governance

#### B.1.1 Governance structure

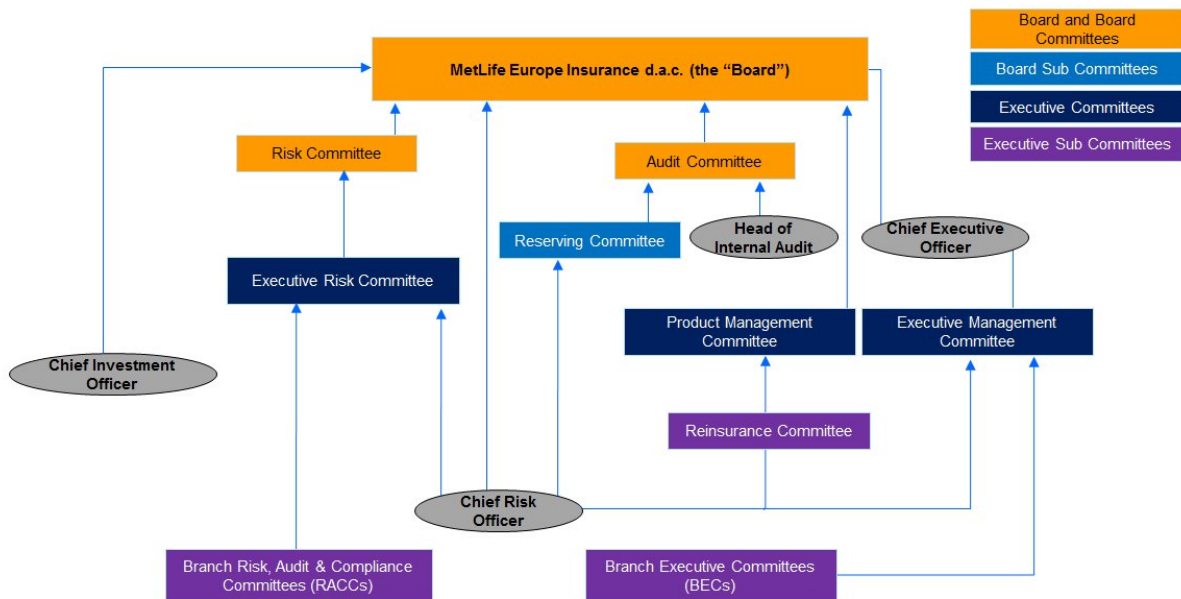
A consistent governance structure is in place across MetLife's European Economic Area (EEA) group of entities, supporting clear decision making, roles and responsibilities. The Corporate Governance Manual (the Manual) describes the corporate governance within the Undertaking. The Manual ensures that there is a common understanding of the following:

- key organs of the Undertaking (i.e. the Board of Directors (the Board), Executive Management and the various committees) and their roles;
- the membership of the Board, its role, the frequency of meetings and the process for making changes to Board membership;
- the membership of each of the Undertaking's committees, each committee's role, the frequency of meetings and how changes to membership are effected;
- who is empowered to act on behalf of the Undertaking and in what capacity and to what extent; and
- how certain key individuals are appointed, resign or are removed.

The Manual also provides a central record of the current membership of the Board, the various committees, and a list of all Pre Approval Controlled Functions, i.e. roles for which CBI prior approval is required.

The governance structure defines the key areas of authority and responsibility and establishes the appropriate lines of reporting. The Undertaking is structured so as to achieve its objectives and to enable effective risk management and to carry out its activities in a manner reflective of its size and requirements.

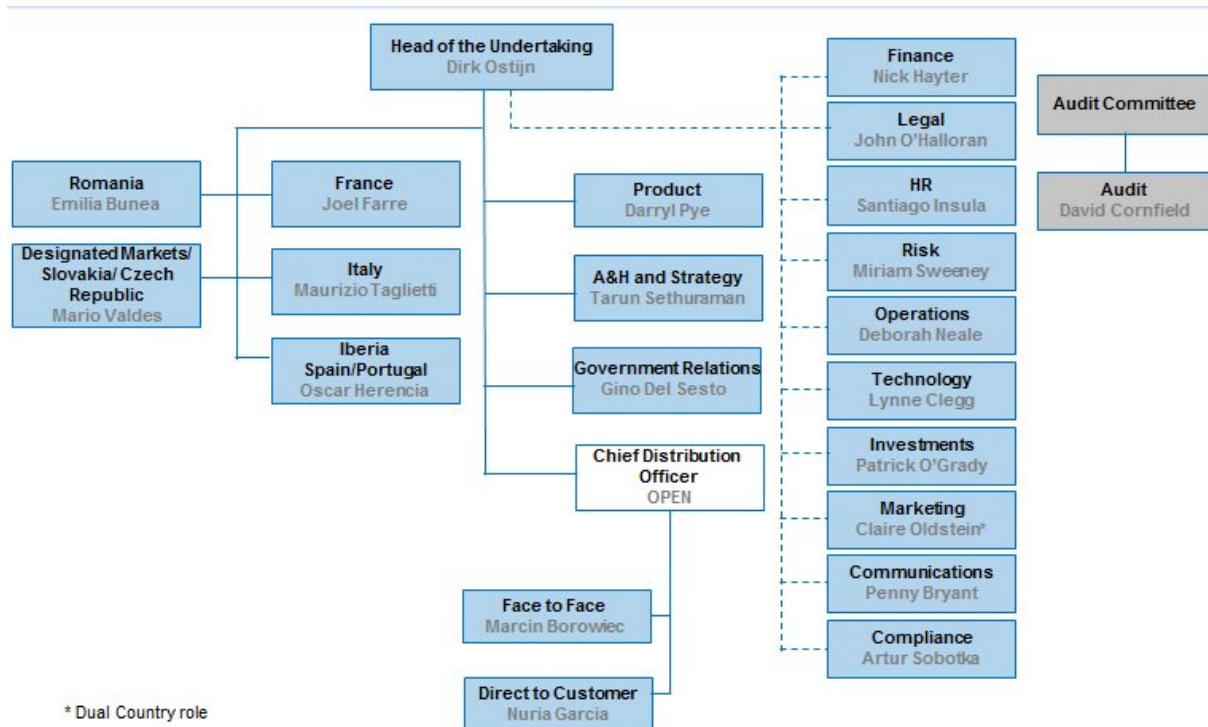
Figure: Undertaking's Corporate Governance Structure



The Corporate Governance Structure is supported by the Executive Management organisational structure, which defines key areas of authority and responsibility and establishes the appropriate lines of reporting. The Executive Management is responsible for the day to day running of the Undertaking and is led by the Chief Executive Officer (CEO).

In Ireland, there is an established fitness and probity regime and the list of 'key functions' is naturally and conclusively defined by all those who are subject to fit and proper requirements under the CBI's guidance. The list of those persons is detailed within section B.2. The following chart indicates the positions of key function holders within the Executive Management team and their reporting lines.

Figure: Executive Management Organisational Structure



## B.1.2 Role of the Board

The Board directs the Undertaking's affairs to ensure its prosperity, whilst meeting the appropriate interests of its shareholders and third parties, such as customers and regulators. In particular, the Board provides effective, prudent and ethical oversight of the Undertaking.

The Board is responsible for, among other things, where relevant, reviewing and/or setting and overseeing:

- the business strategy;
- the amounts, types and distribution of capital adequate to cover the risks of the Undertaking;
- the strategy for the on-going management of material risks;
- a robust and transparent organisational structure with effective communication and reporting channels;
- a remuneration framework that is in line with the risk strategy of the Undertaking; and
- an adequate and effective internal control framework, that includes well-functioning risk management, compliance and internal audit functions as well as an appropriate financial reporting and accounting framework.

The Board focuses on the following key areas:

### Vision and values

- Guide and set the pace for the Undertaking's current operations and future development.
- Promote appropriate values throughout the Undertaking (e.g. values on compliance through the compliance statement).
- Determine policies and ensure they are consistent with, and promote the vision and values, of the Undertaking.

### **Strategy and structure**

- Review present and future opportunities, threats and risks in the external environment and strengths, weaknesses and risks relating to the Undertaking.
- Review strategic options, decide on those to be pursued and the means to implement and support them.
- Determine and review the Undertaking's goals.
- Ensure that the Undertaking's organisational structure and capability are appropriate for implementing the chosen strategies and manage risk and compliance effectively in the Undertaking.
- Ensure that risk and compliance are managed effectively throughout the Undertaking.
- Oversee remuneration practices and shall ensure that the Undertaking has remuneration policies and practices that are consistent with and promote sound and effective risk management.

### **Delegation to management**

The Board delegates certain matters by board resolution, by terms of reference for committees of the Board or by power of attorney to specific individuals to act on behalf of the Board in respect of certain matters. Where the Board delegates authority it shall monitor the exercise of this delegated authority. The Board cannot abrogate its responsibility for delegated authority.

### **Meetings of the Board, Board working sessions and Board training sessions**

The Board meets at least four times per calendar year and at least once in every six month period.

All directors attend Board meetings in person unless they are unable to do so due to circumstances beyond their control (e.g. illness). However, where physical presence is not possible, directors may attend by teleconference or video-conference. In the event of the absence of the Chairman, an independent non-executive director chairs Board meetings.

Board working sessions and Board training sessions are scheduled regularly to discuss key developments, projects and initiatives. The aim of these sessions is to provide the Board with the opportunity to explore, at an early stage, topics which will be presented at a future Board meeting for consideration.

All Board meetings are arranged through the Company Secretary and the Chairman. Minuting of all Board meetings follow the Board/Committee minute review process in line with the Manual.

## **B.1.3 Role of Directors**

### **The role of the independent non-executive director**

As an integral component of the Board, independent non-executive directors represent a key layer of oversight. It is essential for independent non-executive directors to bring an independent viewpoint to the deliberations of the Board that is objective and independent of the activities of the executives.

### **The role of the executive director**

The role of the executive director includes to propose strategies to the Board and, following Board scrutiny, to execute the agreed strategies to the highest possible standards.

### **Responsibilities of all directors**

All directors are responsible for the following:

- ensuring that there is an effective executive team in place;
- participating actively in constructively challenging and developing strategies proposed by the executive team;
- participating actively in the Board's decision making process;
- participating actively in committees of the Board; and
- exercising appropriate oversight over execution by the executive team of the agreed strategies, goals and objectives and to monitor reporting of performance.

## **B.1.4 Matters reserved for the Board**

### **Strategy and Management**

- Responsibility for overseeing the management of the Undertaking.
- Approval of the Undertaking's long term objectives and business strategy; and review of performance in light of strategy.
- Approval of all relevant Undertaking policies and MetLife Group policies where they apply to the Undertaking.
- Decisions to extend the Undertaking's activities into new business or geographic areas.
- Decisions to cease to operate all or any material part of the Undertaking's business.
- Decisions to vary the Undertaking's strategy for meeting the policyholder liabilities.

### **Structure and Capital**

- Reviewing and approving the Undertaking's financial plans.
- Approval of changes relating to the Undertaking's capital structure, including share issues, reduction in capital, loan capital and gifts of capital.

### **Financial Reporting and Controls**

- Approval of the annual report and accounts.
- Approval of the annual regulatory return to the CBI.
- Approval of significant changes in accounting policies and practices.
- Approval of dividends.
- Approval of the external auditor's fees.

### **Internal Controls**

- Responsibility for setting and overseeing the establishment of an adequate and effective internal control and risk management systems, including approval of the internal audit plan.
- Receiving reports from the audit and risk committees on, and reviewing effectiveness of, the Undertaking's risk and control processes.
- Approval of the Risk Management Framework.
- Approval of the Own Risk Solvency Assessment Process (ORSA).

### **Non-insurance Contracts**

- Approval of capital projects.
- Approval of acquisitions, mergers or disposals.
- Approval of material contracts by nature or amount entered into by the Undertaking in the ordinary course of business (e.g., acquisitions or disposals of fixed assets). Note: Material includes, but is not limited to, consideration over €7,500,000 (or €5,000,000 net of reinsurance, per matter).
- Approval of new bank borrowing facilities.

### **Board Membership and other Appointments**

- Other than where the shareholder exercises the right, appointment and removal of directors.
- Approval of changes to Board structure, size and composition.
- Appointment and removal of the Chairman.
- Appointment and removal of the Company Secretary.
- Appointment, reappointment and removal of the external auditor.
- Appointment and removal of Chairmen and members of committees of the Board.
- Appointment and removal from office of the CEO or the Head of a Controlled Function.

### **Remuneration**

- Review the remuneration structure for employees of the Undertaking in line with the risk strategies of the Undertaking.

### **Delegation of Authority**

- Maintain oversight of all committees of the Board including approval of the terms of reference.
- Review information from committees of the Board on their activities.
- Approval of Undertaking's authorised signatories.
- Authorising individuals to grant powers of attorney.



### **Corporate Governance**

- Review and approval of the Undertaking's overall corporate governance arrangements.
- Consider balance of interests between shareholders, employees and customers.
- Undertake a formal annual review of its own performance, that of its committees and that of individual directors.

### **Compliance**

- Approval of the compliance monitoring programme.
- Responsibility for review and monitoring of Treating Customers Fairly (TCF) across the business.

### **Other**

- Approval and settlement of material litigation matters.
- Approval of schedule of matters reserved to the Board.
- Any decision likely to have a material impact on the Undertaking from any perspective, including, but not limited to, financial, operational, strategic or reputational.

## **B.1.5 Role of Chief Executive Officer (CEO)**

The Board appoints a CEO.

The CEO is the most senior executive officer and has ultimate executive responsibility for the Undertaking's operations, compliance and performance. The CEO is a director of the Undertaking. The CEO is the main link between the executive and the Board. The CEO has certain authorities delegated to him by the Board.

In conjunction with the Chairman of the Board, the CEO is responsible for agreeing the remuneration of the independent non-executive directors.

The Executive Management is responsible for the day to day running of the Undertaking and is led by the CEO.

## **B.1.6 Board committee structure**

The purpose of a committee of the Board is to provide more detailed oversight of particular areas of the Undertaking's activities.

The Board has oversight of all committees of the Board and ensures and documents that all members of any committees of the Board have the necessary skills, knowledge, expertise and time to fulfil that role. Minutes of all committees of the Board are distributed to the Board either at a Board meeting or via Board Vantage. The Board documents and provides any necessary training to those members to ensure they have, and maintain, the necessary skills and experience.

The current committees of the Board are:

- Audit Committee; and
- Risk Committee.

### **The Audit Committee**

The purpose of the Audit Committee includes to assist the Board in fulfilling its statutory and fiduciary responsibilities relating to the external reporting of financial information, internal controls and the independence and effectiveness of internal and external audit.

The role of the Audit Committee, its membership, frequency of meetings and reporting requirements are set out in the Terms of Reference of the Audit Committee as approved by the Board.

### **The Board Risk Committee**

The purpose of the Board Risk Committee (BRC) includes the responsibility for oversight and advice to the Board on the current risk exposures of the Undertaking and its future risk strategy. The BRC advises and make recommendations to the Board on the following:

- risk appetite and tolerance for future strategy (taking into account the Board's overall risk appetite), the current financial position of the Undertaking and, drawing on the work of the Audit Committee and the external auditor, the capacity of the Undertaking to manage and control risks within the agreed strategy;
- the system and programme of risk management with the aim of identifying, measuring, controlling and reporting risks;
- the alignment of strategy with the Board's risk appetite; and
- promoting and embedding a risk awareness culture within the Undertaking.

The BRC also oversees the risk management function.

The role of the BRC, its membership, frequency of meetings and reporting requirements are set out in the Terms of Reference as approved by the Board.

### **B.1.7 Main roles and responsibilities of key functions**

This section details the roles and responsibilities of the Chief Investment Officer and the four mandatory 'key functions' of Internal Audit, Compliance, Risk Management and the Actuarial function.

#### **The role of the Chief Investment Officer**

The following duties and responsibilities are delegated to the Chief Investment Officer of the Undertaking by the Board:

- assist the Board in fulfilling its statutory and fiduciary responsibilities relating to the oversight of investment management for the Undertaking;
- formulate and recommend to the Board for its approval the strategic investment policy of the Undertaking;
- approve Asset Liability Management ("ALM") /Investment Guidelines and inform the Board of any changes;
- receive and review quarterly performance and position reports and raise with the Board any material issues arising;
- monitor investment portfolio asset holdings to ensure compliance with the ALM/investment and regulatory guidelines;
- approve appointments and terminations of investment managers and advisors and approve any investment management agreements;
- monitor and review the performance of investment managers and advisors;
- approve limits for seed capital on external funds;
- approve list of counter parties and credit institutions for investment; and
- approve investment asset classes available for investment.

#### **The role of Head of Internal Audit**

The Head of Internal Audit reports to the Chairman of the Audit Committee. The Head of Internal Audit is responsible for:

- leading the performance of all audit activities across the Undertaking;
- providing input and challenge to management regarding the effectiveness of risk management and internal control processes across the Undertaking;
- evaluating the design and operating effectiveness of the Undertaking's policies and processes;
- performing consulting and advisory services related to governance, risk management and control processes;
- developing, presenting and executing appropriate risk-based audit plans in accordance with MetLife's global audit methodology, including presenting quarterly plans for review and approval by the Audit Committee;
- providing timely reports to the Audit Committee regarding the outputs of planned audit activities, including progress against agreed management action plans;

- attending, presenting at, and issuing reports to the appropriate governing bodies, including the Audit Committee, the BRC and other committees as appropriate;
- providing the Audit Committee and the broader management team with an understanding of Internal Audit's methodology and approach;
- ensuring that the Internal Audit team is appropriately resourced in terms of skills and experience to undertake planned audit activities;
- assisting the Audit Committee in meeting its fiduciary responsibilities;
- maintaining open, constructive and cooperative working relationships with regulators, including the CBI; and
- developing and maintaining an effective working relationship with the external auditors.

#### **The role of Head of Compliance**

The Head of Compliance is a member of the Undertaking's Executive Management and reports to the CEO. The Head of Compliance is the executive officer with primary responsibility for ensuring that the Undertaking remains compliant with applicable laws, requirements and regulations and with the Undertaking's Compliance Policies, Procedures and Programmes.

#### **The role of Chief Risk Officer (CRO)**

The CRO is a member of the Undertaking's Executive Management and reports to the CEO. The CRO is a director of the Undertaking. The CRO's primary responsibility is to the Board. The CRO reports to the Board periodically and has direct access to the Chairman. The CRO reports to the BRC on a regular basis. The CRO chairs the Executive Risk Committee (ERC).

The CRO is the senior executive officer with responsibility for the risk management function and for maintaining and monitoring the effectiveness of the Undertaking's risk management system.

#### **The role of the Head of Actuarial Function**

The Head of Actuarial Function is a member of the Undertaking's Executive Management and reports to the Chief Finance Officer (CFO). The role relates to the delivery of actuarial services to the Undertaking and comprises responsibilities for general management input to the Undertaking, administration of the actuarial function, and statutory duties set out in legislation (subject also to regulation and professional guidance).

Actuarial services generally relate to the determination of technical provisions (for all accounting bases) and required capital, and the provision of advice in relation to capital management, underwriting, reinsurance and investment.

### **B.1.8 Material changes**

The Reserving Committee was established during 2016 as a sub committee of the Executive Risk Committee. In April 2017 it was moved to be a sub committee of the Audit Committee. The Committee reviews the basis of Solvency II reserving, including assumptions and methodology and is chaired by the Chief Risk Officer.

The Project Evolution Committee was dissolved on 6th December 2016 as the legal entity restructuring programme had been completed.

Over the reporting period, there have been no other material changes in the system of governance of the Undertaking.

### **B.1.9 Remuneration**

#### **Remuneration**

The Undertaking adopts the remuneration policy and practices determined by MetLife Inc. The Undertaking's Board is responsible for ensuring that in adopting the policy that it is in line with the risk strategies of the Undertaking and that it is consistent with and promotes sound and effective risk management. The Undertaking's Board provides oversight of the remuneration policy and practices and ensures that these do not promote excessive risk taking.

### Remuneration Policy

MetLife's compensation program is designed to:

- provide competitive total compensation opportunities that will attract, retain and motivate high-performing employees;
- align compensation plans with its short-term and long-term business strategies;
- align the financial interests of the executives with those of its shareholders through stock-based incentives and stock ownership requirements; and
- reinforce the pay for performance culture by making a meaningful portion of total compensation variable, and differentiating awards based on company and individual performance.

MetLife uses a competitive total compensation structure that consists of base salary, annual incentive awards and stock-based long-term incentive award opportunities.

Variable remuneration for eligible MetLife associates is determined by a combination of grade/seniority, individual performance and Group performance. Annual variable remuneration is set as a target of annual base salary, with targets ranging from 5% to 70% depending on seniority. As for the Long Term Incentives (payable over 3 years), they are only available for senior management and go from 9.8% up to 90% of base salary. Each year individual and corporate performance can result in variations in these amounts. These measures are in place to promote prudent and effective risk management and not to promote excessive risk taking.

The Undertaking does not provide supplementary pension schemes (i.e. superior conditions for some individuals) or early retirement schemes for members of the Board or other key function holders.

#### B.1.10 Material transactions with related parties

##### Material transactions with shareholders

The following table sets out the material transactions with the Undertaking's immediate parent, MetLife EU Holding Company Limited:

	€'000
MetLife Romania portfolio transfer and merger (IFRS basis)	7,269

Other intra group balances and transactions are set out in sections A.5.1 and A.5.2.

##### Material transactions with persons who exercise a significant influence on the Undertaking

There were no material transactions with any persons who exercise a significant influence on the Undertaking over the reporting period.

##### Material transactions with members of the Board

There were no material transactions with members of the Board over the reporting period.

#### B.1.11 Adequacy of system of governance

The Executive Management and the Board regularly review the adequacy of the system of governance as a whole and in selected areas, to confirm it remains to be adequate for the Undertaking's needs, and to prioritise areas of improvement. Aside from the changes described above in section B1.8, there were no major changes required to the system of governance during 2016 as a result of these reviews.

## B.2 Fit and proper requirements

### B.2.1 Fit and proper policy

The Undertaking's Fitness and Probity Policy (the Policy) sets out the minimum standards, in compliance with the CBI Fitness and Probity Standards and relevant legislation. It is there to ensure that a person, who is known as a 'Responsible Person', has the necessary qualities and competencies in order to allow him/her to perform the duties and carry out the responsibilities of his/her position within the Undertaking. The qualities and competencies relate to the integrity demonstrated by a Responsible Person in personal behaviour and business conduct, soundness of judgement, a sufficient degree of knowledge and experience and appropriate professional qualifications.

Compliance with the Policy is mandatory for the Undertaking and its branches. Specifically, the Policy sets out and describes the approach for assessing and monitoring individuals' fitness and probity.

#### Definitions

- Pre-Approval Controlled Functions (PCFs): The specific Controlled Functions (CFs) are set out in Schedule 2 of the Regulations. Persons appointed to a PCF must be approved in writing by the CBI, prior to their appointment.
- Controlled Functions (CFs): Specific functions as set out in the Regulations. Persons performing these functions include the persons who exercise a significant influence in the affairs of the Undertaking, monitor compliance or perform functions in a customer facing role. In determining whether an individual is performing a CF, the Undertaking assesses the role and responsibilities of the person in line with the relevant regulatory requirements.
- Regulations: Central Bank Reform Act 2010 (Sections 20 and 22) Regulations 2011 as amended.
- Responsible Person: Any person performing one or more CF role.

#### Assessment of fit and proper

The Undertaking does not permit a person to perform a CF unless it is satisfied on reasonable grounds that the person complies with the standards described below and has obtained confirmation from the person that he/she agrees to abide by the standards.

The standards provide that a Responsible Person must be:

- Competent and capable;
- Honest, ethical and act with integrity; and
- Financially sound.

The Undertaking has in place appropriate procedures to maintain a register of all Responsible Persons (the Register) and a record of all due diligence undertaken in respect of such Responsible Persons.

Notification is made to the CBI (to the extent required) following any change to the Register arising either from the appointment, resignation, retirement, removal or material change in the responsibilities of a Responsible Person's role.

The notification to the CBI is carried out by Compliance following a review of the fit and proper assessment and completion of an individual questionnaire, if required based upon the event in question.

#### Fitness criteria

In determining a Responsible Person's competence and capability for performing their role, assessments may include, but will not be limited to:

- Whether the person satisfies the relevant training and competence requirements, which may be satisfied by evidence of qualifications (e.g. diplomas, degrees and professional memberships) and capability appropriate to the corresponding position description.
- Whether the person has demonstrated by experience that they are able, or can reasonably be expected to be able, to perform the intended function. Employment and reference checks may be used to establish such ability.

### **Probity criteria**

In determining a Responsible Person's honesty, integrity and reputation for performing his/her role, the following factors may be considered, among others:

- Has the person been convicted of any criminal offence, whether or not presently of record; (particularly relevant being any offence involving dishonesty, fraud, financial crime or other offences under legislation relating to companies, building societies, industrial and provident societies, credit unions, friendly societies, banking and or other financial services, insolvency, consumer credit companies, insurance, and consumer protection, money laundering, market manipulation or insider dealing)?
- Has the person had any adverse finding against him/her or settlement in civil proceedings, particularly in connection with investment or other financial business, misconduct, fraud or the formation or management of a body corporate?
- Has the person had personal involvement in any investigation or disciplinary proceeding resulting in sanction or adverse finding with any requirements or standards of any supervisory bodies/regulatory authorities, clearing houses and exchanges, professional bodies, or government bodies or agencies?
- Has the person been involved as a Responsible Person with a company, partnership or other organisation that has been refused registration, authorisation, membership or a licence to carry out a trade, business or profession, or has had that registration, authorisation, membership or licence revoked, withdrawn or terminated, or has been expelled by the CBI or government body or agency?
- Has the person been refused the right to carry on a trade, business or profession requiring a licence, registration or other authority as a result of the removal of the relevant licence or registration?
- Has the person served as a director, partner, or chief executive of a business that has gone into insolvency, liquidation or administration while personally connected with that organisation or within one year after that connection?
- Has the person been investigated, disciplined, censured, suspended or criticised by a supervisory body/regulatory authority, professional body, government body or agency, a court or tribunal, whether publicly or privately, with which such Responsible Person has been involved?
- Has the person been dismissed or resigned, upon request, from employment or from a position of trust, fiduciary appointment or similar capacity while holding a position as a Responsible Person?

The aforementioned criterion will be considered in relation to a person's ability to perform the relevant CF. In addition, checks to ensure compliance with laws and regulations must include appropriate legal review.

### **Frequency of Assessment**

A person proposed to perform a CF will be assessed prior to appointment and before any contract is signed.

All Responsible Persons will be reassessed on an annual basis as set out in the Undertaking's Human Resources (HR) procedure documents and in accordance with the relevant legislation. Notwithstanding the above, if a Responsible Person becomes aware of a material change in his/her circumstances that could affect his/her fit and proper assessment, he/she is required to notify the Head of HR without delay.

## **B.3 Risk management system including the own risk and solvency assessment**

### **B.3.1 Risk management structure**

The Risk Management Framework (the Framework) sets out the approaches to risk management and structure to be followed by all associates in their capacity as executives, management and staff.

The key objectives of the Framework are to:

- Promote a strong risk culture in the Undertaking, rooted in the Undertaking's purpose and values, in particular customer protection;
- Ensure consistent, systematic management of risks across all businesses, operations and risk types; and
- Enable decision makers to efficiently direct the Undertaking's resources to attractive business opportunities that are within the Board's risk appetite.

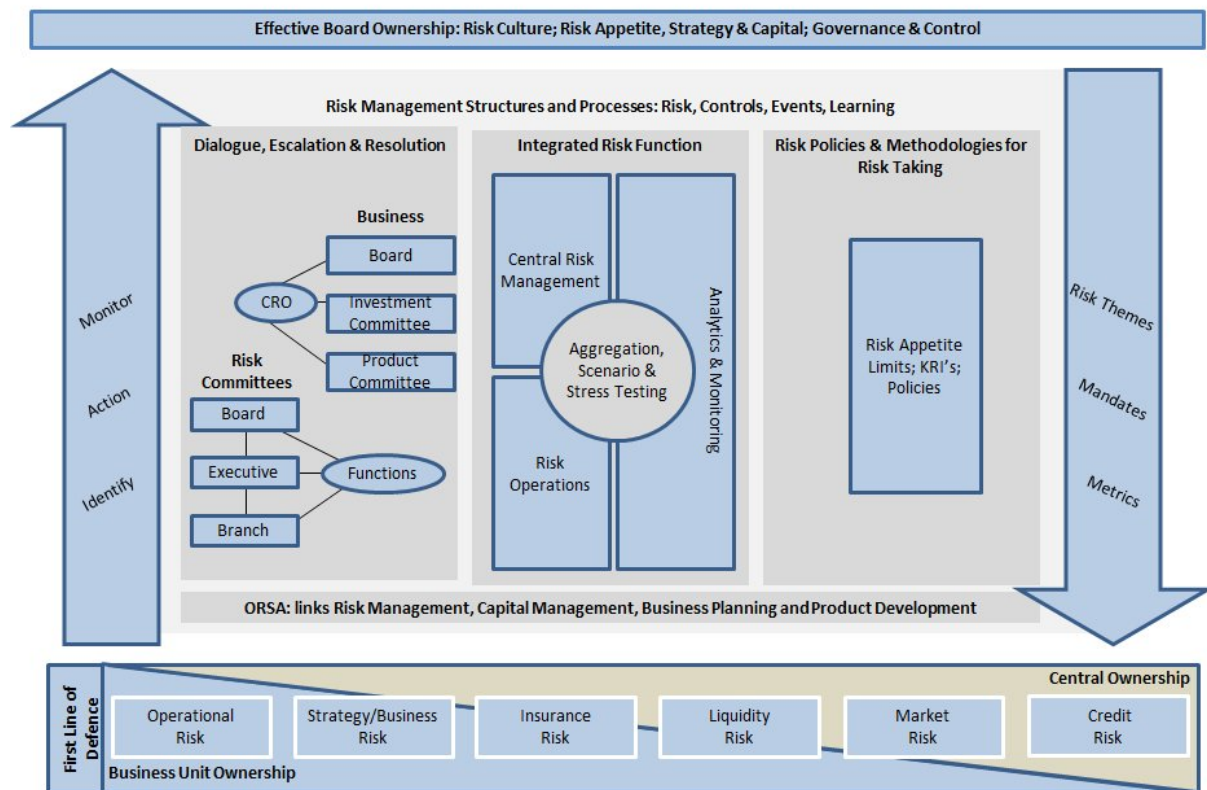
#### **Scope and application**

All business activity and decisions are made in the context of, and in compliance with, the Framework, which should also be read in the context of the Undertaking's Risk Strategy and Appetite and associated policies. Every associate is sufficiently familiar with the Framework as is relevant to their role, and exercises sound judgement to act within the Framework in their daily work. It is the responsibility of management to ensure that they have the capability, resources and knowledge to operate within this Framework and exercise their duties under it.

#### **Risk governance**

In its mandate to support MetLife Group's strategy in Europe, the Undertaking is active in diverse segments, markets and products. Decisions are made and implemented across borders; and business environments are the result of, for instance, different histories as the Undertaking has integrated other entities. The Framework is designed to facilitate, on an on-going basis, the systematic management of risks consistent with this specific situation, by integrating risk management into business practices and decision mechanisms at the appropriate levels of the Undertaking.

Figure: The Elements of the Undertaking's Risk Management Framework



The Board owns the Undertaking's Risk Appetite and Strategy. In defining this, consideration is given to the existing and potential opportunities to develop and grow the business, and the Undertaking's capacity to absorb losses. In addition, as part of MetLife Group, the Undertaking's risk appetite takes strategic direction from MetLife's 'Enterprise Risk Appetite', as defined by the MetLife Inc. board, and cannot go beyond it in any dimension.

The Undertaking adopts the 'three lines of defence' governance model to ensure that the overall risk profile of the Undertaking remains within the risk appetite as mandated by the Board. The Undertaking's "three lines of defence" have independent reporting lines into the Board, and provide the Board with the assurance of strong governance and controls for every decision that impacts the risks the Undertaking faces.

### The first line of defence

The managers of all business and operations areas, as the first line of defence, are responsible as risk owners for ensuring that all risks in their respective areas and any relevant interfaces with other areas are justified by business goals, and that all risks are appropriately managed and controlled within the Framework. In particular, it is the responsibility of the relevant department manager to identify, measure, manage, monitor and report all risks in an area according to the Framework and the Risk Appetite and Strategy.

The Finance Function is key to risk measurement. It measures and monitors financial valuations, flows and projections; ensures appropriate accounting procedures and authorities; and regularly reports to the Board. The Head of Actuarial Function regularly reports independently on valuation assumptions and uncertainties.

### The second line of defence

The Risk Management, Compliance and IT Risk and Security Functions fulfil the second line of defence, advised by the Legal Function, by providing the enterprise-wide, comprehensive and consistent systems, techniques and processes to aggregate, assess and limit the risks the Undertaking faces across different



areas. In particular, the Risk Function utilises risk quantification models such as Economic Capital, recommends risk appetite and limits, and provides support in the management of key risks.

### **The third line of defence**

Internal Audit provides independent assurance over the strengths of controls as the third line of defence. Internal Audit examines and evaluates the adequacy and effectiveness of controls with a risk-based focus, and performs special reviews and investigations as directed by the Audit Committee and Executive Management.

### **Dialogue, escalation and resolution**

A number of interacting committees provide the structure for the dialogue regarding risk exposures. This includes escalation of risks that cannot be managed within a confined area of the organisation and resolution of conflicts between different decision makers, in particular where questions of risk appetite are concerned.

At an executive level, the Undertaking has established the following Committees: the Executive Management Committee (EMC), the Executive Risk Committee (ERC) and the Product Management Committee (PMC); and in each branch, there is a Branch Executive Committee (BEC) and a Risk, Audit and Compliance Committee (RACC). There are also RACCs specifically for the Freedom of Service Business (FOS RACC) and the Head Office functions (HO RACC).

### **Executive Risk Committee (ERC)**

The ERC reports regularly to the Board Risk Committee (BRC), and is chaired by the CRO. The ERC monitors and reports to the BRC the current overall risk profile, key risks and risk metrics, including the solvency position of the Undertaking, and its dynamics, against the Board's stated risk appetite. It steers the operation of the Risk Management Framework and monitors, reviews and makes recommendations to management relating to risk issues facing the Undertaking. The ERC also makes recommendations to the BRC regarding risk appetite, policies etc. and also sets technical limits in line with the approved risk appetite.

### **Risk Audit and Compliance Committees (RACCs)**

RACCs report into the ERC and are established for each branch, the FOS business, and the Head Office functions, to review and approve the identification and assessment of all risks, losses, issues and near misses within its remit; approve the relevant controls and action plans, for existing and new businesses, product and distribution arrangements; and to provide general oversight to risk management within its area. The RACCs also monitor and review the metrics assigned to them for monitoring by the ERC. RACC meetings are scheduled to ensure timely information flow between the RACCs and the ERC.

One of the branch/FOS RACCs' primary responsibilities is to identify, monitor, assess and manage Operational and Conduct Risks, where the RACC ensures that these can be suitably integrated into the Undertaking-wide risk management programme. For Insurance Risks, Credit Risk, Market/Asset Liability Management (ALM) Risks and Liquidity Risk, the branch RACC supports the identification and monitoring in particular of exposures linked to products and distribution arrangements.

The branch general managers have a leading role in each RACC (and the Head of Operations in the HO RACC) in ensuring high-quality meetings through their example and authority. The RACC should be chaired by a person nominated by the CRO.

### **Other Committees**

#### **Reserving Committee**

The Reserving Committee is a sub-committee of the Audit Committee and reviews the basis of Solvency II reserving, including assumptions and methodology. The CRO chairs the Reserving Committee.

#### **Product Management Committee (PMC)**

The PMC assists the executive function of the Undertaking in relation to the creation and ongoing review of the Undertaking's products and reinsurance programmes. While not a 'Risk' committee, the PMC plays an important 'first-line' role in the approval of products, oversight and governance of the suite of products

and the management of product related risks, in particular insurance risk but also credit and market risks originating from product features.

The CRO is a member of the PMC.

### **Reinsurance Committee**

The Reinsurance Committee is a sub-committee of the PMC. The purpose of the Reinsurance Committee is to maintain oversight of the Undertaking's reinsurance operations and to assist the PMC in relation to any reinsurance arrangements to be entered into (including any amendments) or terminated by, or on behalf of, the Undertaking.

### **Executive Management Committee (EMC)**

The CRO is a member of the Undertaking's Executive Management Committee, where the Undertaking's strategic direction is decided, and its implementation is monitored.

### **Branch Executive Committee (BEC)**

Each branch has a BEC which is chaired by the branch general manager, and together with the RACC forms part of the primary governance structure for each branch. Other working or steering groups may be established, however these should be concentrated on operational matters, with key decisions in terms of governance being referred to the BEC and RACC, as appropriate.

The branch risk manager is a member of and/or attends the BEC, which is responsible for ensuring that the branch establishes and maintains such systems and controls as are appropriate to its business. In particular, the BEC, together with the RACCs, ensures the effective implementation of risk and compliance management within the branch. Under specific circumstances, the CRO can temporarily approve an alternative branch executive to represent risk management in the BEC.

### **Risk Management Function**

The Risk Function operates an enterprise-wide, comprehensive system to identify, aggregate, measure and report risks across the Undertaking, and assesses how the full range of risks and their interaction impact the Undertaking's aggregate solvency, liquidity, earnings, business, customers and reputation.

The Risk Function leverages MetLife's Group Risk Management Function for the challenge and support, and escalates risks and issues as required.

### **Activities of the Risk Function**

The Risk Function carries out the following key activities:

- Risk Monitoring and Analytics.
- Risk Governance and Reporting.
- Embedding of the Risk Management Framework in the business units (branches and FOS business).
- Operational risk management processes, e.g. management of the risk register.
- Leading the ORSA process, analysis and reporting.

### **Risk policies and methodologies**

The Board approves policies and other documents providing binding direction and guidance used in the Undertaking to regulate risk exposures. All business activity and decisions in which an element of risk is present must be taken in the context of, and in compliance with, the Risk Strategy and Appetite document and such further policies.

It is the responsibility of all relevant individuals to be familiar with the contents of the policies, where appropriate, and to exercise sound judgement to act within the policies in their daily work.

The policies are to be adhered to in all circumstances. Implementation of the policies and monitoring of ongoing compliance is primarily the responsibility of the Heads of Function and is overseen by the relevant committee. In particular, policy breaches should be reported to the ERC, and as appropriate to the BRC and Board.

Risk Management policies are developed where necessary to regulate the management of specific risks and provide a consistent Framework for the management of risk in line with Risk Strategy and Appetite, and should be read and reviewed in the context of Risk Strategy and Appetite. They establish minimum standards, allocate responsibilities to ensure that these standards are upheld, and articulate the Undertaking's approach to risk management for a risk type, the key risk management processes, detailed limits, the governance approach, and reporting requirements.

The Board reviews the risk policies at least annually, amending them to reflect current best practice and changes in regulatory requirements. In the annual review process, each policy is reviewed with and by the Undertaking, with the appropriate challenge from the Risk Function. Any material change is not effective until approved by the Board either directly or via the BRC.

Following approval, the Risk Function circulates the Risk policies and communicates changes with the business. The Risk Function intranet page is a central location from which all Business Functions, including branches, can access the Risk policies. Approved policies are presented to the RACCs for noting and implementation. On a quarterly basis, the RACCs monitor and challenge the implementation of appropriate Risk policies within the Undertaking to ensure ongoing compliance.

### **B.3.2 Risk strategy and appetite**

The Undertaking's risk appetite is set in the context of both its overall business objectives and its risk strategy. The Undertaking takes certain financial and insurance risks as a strategic objective, but as a consequence of its activities is also exposed to operational and other risks. The Board is responsible for the Undertaking's overall risk profile, and in particular sets the risk appetite.

The Risk Appetite is operationalised through quantitative limits set out in the appendices of the Risk Strategy and Appetite policy. These limits define both the medium-term risk appetite, and the range for permissible deviations over the short term. Further risk limits and guidelines on how to comply with risk appetite in each class are set out in the respective individual risk policies (Credit, Market, Liquidity, Insurance and Operational).

Management is responsible for defining the metrics in line with the business and the risk appetite set out in the Risk Strategy and Appetite. The ERC is responsible for approving any changes in the metrics that are proposed in between scheduled reviews. Any such approved changes are notified to the BRC and the Board. Additional limits can be set by agreement between the respective risk owners and the CRO.

#### **Risk management strategies by category of risk**

The material risks to which the Undertaking are exposed are insurance risk, credit risk, market / ALM risk, liquidity risk, operational and business risk and strategic risk.

#### **Credit risk**

The Undertaking is exposed to credit risk, i.e.:

- Another party's failure to perform its financial obligations to the Undertaking, including failure to perform them in a timely manner (default risk);
- Increasing doubts over another party's ability to meet its financial obligations (migration risk);  
or
- Increases in the discounts markets apply to the value of obligations with default risk (spread risk).

Credit risk of the Undertaking's cash deposits and general-account investments is managed by the Undertaking's Treasury and Investment Functions, and overseen by the Board. The credit risk of other counterparties, such as distributors, large clients etc. is the responsibility of the respective business unit and where material to the Undertaking's risk profile is overseen by the appropriate Risk Committee on an exception basis.

### **Market risk**

The Undertaking is exposed to market risk, including interest rates due to timing differences of asset and liability cash flows, and basis differences between valuation rates, different currencies and credit spreads.

Market risks are primarily mitigated through duration targets specified in the Investment Guidelines. Exposure to changes in credit spreads is mitigated by investing in a diversified and high-quality investment portfolio. The Chief Investment Officer and Product Management Committee oversee the management of the Undertaking's market risks.

### **Liquidity risk**

The Undertaking is exposed to liquidity risks where it is obliged to settle liabilities at short notice, and is unable to liquidate assets or only with very significant haircuts. Given the nature of its business, there are only very few areas in which liquidity risk can arise. These risks are mitigated by investing in a diversified, high-quality, liquid investment portfolio and a strong forecasting process. This process identifies liquidity needs in both stressed and non-stressed market conditions.

Liquidity risk management is managed by Treasury and overseen by the Board.

### **Insurance risk**

The Undertaking is exposed to unanticipated fluctuations in the timing, frequency and severity of insured events relative to expectations, arising, for instance, from premium and reserve risk.

These are identified and assessed as part of the product development process, in which appropriate underwriting, sales and administrative conditions are defined for all risks associated with the insurance policies over their whole life cycle.

The business units develop insurance products and underwrite risks in line with approved standards. Each insurance class needs to be approved by the Board prior to any business being underwritten. The Board can delegate its authority to approve products to management if they do not have the potential to change the Undertaking's risk profile materially. The Undertaking's aggregate insurance risk is overseen by the PMC.

### **Operational and business risk**

Operational risk arises from unexpected loss due to inadequate or failed internal processes, people and systems, or from external events (including legal risk). Specifically, conduct risk relates to losses, typically from supervisory intervention, caused by misconduct in the insurance market, such as mis-selling or product design that is unsuitable for the intended client.

Business risk is the possibility a company will have lower than anticipated profits, influenced by numerous factors, including sales volume, lapses, sales and maintenance costs, competition and achievable margins.

Operational and business risk is intricately tied to the overall management of a business and is therefore the responsibility of each business unit. Operational risk also arises in the Undertaking's head-office functions, such as Finance, Actuarial, etc. Each function is responsible for the management of operational risk in their respective area. The Risk Management Function provide oversight as part of the ERSA process.

### **Strategy Risk**

Strategy Risk is defined as failure of elements of a chosen strategy, leading to financial loss or foregone expected profits. A particular aspect of Strategy Risk is a withdrawal of capital and liquidity sources that the Undertaking relies upon in the execution of its strategy.

Strategy risk is primarily owned in each business unit, and the Undertaking's Executive Team owns the risk of the Undertaking's overall strategy.

### B.3.3 Own Risk and Solvency Assessment (ORSA)

#### ORSA Process

The Own Risk and Solvency Assessment ('ORSA') is a bespoke strategic analysis which links together all pillars of Solvency II and all areas of the the Undertaking. It enables the Board to understand the risks faced, and how they translate into capital needs or alternatively require mitigation actions.

The ORSA process is an ongoing and continuous process, of which the annual report is a complete board-level roundup at a point in time providing a meaningful and useful report to the Board. The results of the ORSA process and the insights gained in the process provide input into risk management, long-term capital management, business planning and product development and design and allow the Undertaking to:

- Assess the link between the Undertaking's Risk Management Framework, business plan, risk profile, and capital planning, including dividend payments.
- Understand the level at which the Risk Management Framework influences the decision making process.
- Establish the ORSA as a tool that allows the identification, measurement, management, monitoring and reporting of risk, which is embedded in the Undertaking's management processes, under the direction of the Board.
- Provide insight into the development of the balance sheet and the drivers of volatility.
- Confirm appropriate risk appetite limits, including the normal operating range for capital;
- Inform commercial decisions and assess key projects and solutions to meet customer needs.
- Describe the approach by which the Undertaking meets all relevant regulatory requirements in relation to stress testing and scenario analysis.
- Assess the Undertaking's overall solvency needs prospectively, providing analysis of the Undertaking's ability to remain a going concern.
- Monitor compliance with regulatory capital requirements on a continuous basis, allowing for changes in risk profile and stressed conditions, and the quality and loss absorbing capacity of own funds.
- Produce results that are integrated into long term capital planning, own funds allocation, business planning, product development and design, and governance.
- Describe the approach by which the Undertaking incorporates all key results and findings from stress testing and scenario analysis into the capital management and planning approach and business decision making approaches.

The ORSA process is significantly dependent on the key interactions between the processes (i.e. business planning and stress testing) in order to obtain the results which provide senior management and the Board with comfort that there are adequate solvency levels, i.e. the regulatory capital requirements are achieved and within the risk tolerance limits.

The ORSA process captures all the material risks that the Undertaking faces or may face in the future that may impact meeting its obligations. The business planning process feeds directly into the ORSA. The business plan links to capital management and solvency is stressed to ensure robustness over a three year horizon.

Material risks identified within the ORSA process for which it is not considered appropriate to hold a capital buffer are addressed by identifying contingency plans.

Risk Appetite forms a key part of the ORSA providing a link between the capital and risk management processes. It underpins the management and monitoring of key risks and helps shape management information and executive decision making. The Undertaking's overall solvency needs are assessed taking into account the Undertaking's specific risk profile, approved risk tolerance limits and business strategy. This assessment represents the Undertaking's own view of its risk profile and capital needs and other means needed to appropriately address these risks.

The ORSA process is conducted in its entirety at least annually and without delay following any significant change in the risk profile of the Undertaking and this is reviewed and approved by the Board following the recommendations of the BRC. However, there will be certain events that may require the process to be run on an ad hoc basis. Such events may follow from internal decisions and external factors.

The Undertaking has processes in place to ensure that the required documentation is produced to an appropriate standard. For each ORSA, the ORSA guidelines require three reports - a record of the ORSA process, an ORSA internal report and an ORSA supervisory report are produced. A single report may be produced to meet the requirements of the three reports. Supplementary documentation may be produced to support the official record and provide additional information to internal stakeholders.

In the last reporting period, the Undertaking did not perform any ad hoc ORSAs.

### **Own Solvency Needs**

The Undertaking determines overall solvency needs taking into account the Undertaking's specific risk profile, approved risk tolerance limits and business strategy. This assessment represents the Undertaking's own view of its risk profile and capital needs and other means needed to appropriately address these risks.

The Undertaking expresses the overall solvency needs in quantitative terms and complements the quantification by a qualitative description of the risks. The process undertaken ensures that the capital management activities and the risk management system are interlinked and that all key decision making processes are aligned with the ORSA process.

The ORSA assessments to date indicate that the Undertaking is adequately capitalised.

## B.4 Internal control system

### B.4.1 Internal controls

The Undertaking's Control Framework promotes the importance of having appropriate internal controls and ensuring that all associates are aware of their role in the internal control system. The Control Framework sets out clear standards for the design, operation, validation and oversight of the system of Internal Control. It defines how effective internal control is achieved through joint responsibilities of the general managers and the Heads of Functions.

The Control Framework defines control activities as the policies and procedures that mitigate the Undertaking's risks to the expected level. Control activities can be preventative, corrective, detective or directive, and include a range of activities as diverse as authorisations, segregation of duties and required approvals, verifications, reconciliations, reviews of operating performance, documentation, and security of assets.

All key controls are registered with the associated risks in the Undertaking's risk register, and managed as part of that process to validate their effectiveness and address identified weaknesses. Ongoing monitoring occurs in the ordinary course of operations.

Both the Heads of Functions and the branch general managers have visibility of the control effectiveness and any deficiencies in their areas. The scope and frequency of independent validation depends primarily on an assessment of risks and the effectiveness of ongoing monitoring procedures. Internal control deficiencies including loss events and near misses are reported, with material incidents escalated to the relevant Risk Committee.

### B.4.2 Key procedures

The Undertaking's control environment comprises an extensive catalogue of controls that are defined for each function, and include the following:

Control Name	Description
Approval and Authorisation	Approval/authorisation is the confirmation or sanction of employee decisions, events or transactions based on a review by the appropriate management personnel.
Business Resumption	Controls that ensure that business operations can resume in the event of disaster or IT outage. These controls include Business Continuity (BCP) and Disaster Recovery (DR) Planning, BCP/DR Testing, system back-up and data retention.
Code of Accounts Structure	Controls to ensure that the design of the general ledger or subledger account codes assists in minimising errors and allow for effective data capture and reporting.
Documentation	Controls are in place ensuring decisions, exceptions, transactions, and other events are substantiated through documentation. This control includes confirmations, notices and/or disclosures that are required to be sent to clients on a periodic or annual basis.
Hiring/Selection	The hiring and selection process includes a due diligence and escalation process in connection with information received as a result of a background check conducted on an individual candidate who is seeking registration, appointment or a license with the Undertaking.

Control Name	Description
Input Form Design, Edits, and Validations	Controls that ensure the completeness, accuracy, and/or integrity of data input into information systems. These controls include business rules built into the design of system interfaces to reduce the probability of data input errors, (e.g. required fields, acceptable values, etc.), input data validation against known or expected values (e.g. tolerances etc.), or verifying the integrity and origin of data (e.g. digital signatures, hard-copy signatures, etc.).
Physical Safeguarding Mechanisms	Controls that protect the Undertaking's assets through direct measures such as locks on doors, bars on windows, use of safes to secure valuables, and other similar techniques.
Policies & Procedures	There are policies and procedures describing the Undertaking's policies for operation and the procedures necessary to fulfil the policies. There are also reference aids or resources available which employees can refer to assist them in fulfilling their job responsibilities.
Process Monitoring	Management monitoring controls that ensure business processes within the Lines of Business meet their business objectives. These controls may include reviewing transaction error reports, reviewing compliance with applicable laws/regulations (e.g. monitoring the status of claims to ensure turnaround times comply with regulatory time standards), conducting quality assurance reviews, rejecting duplicate transactions, financial statement reviews, etc.
Reconciliations/ Comparisons	Control techniques that ensure that two or more data sets/elements match, for example reconciling bank accounts, comparisons of subledger totals to control accounts, comparisons of data transfer record counts, etc.
Segregation of Duties	Controls segregating tasks or processes to reduce the risk of accidental errors and/or fraud.
Strategic Monitoring and Governance	Management monitoring controls that ensure Lines of Business meet their strategic objectives. These controls include short and long-term range planning, organisational design/staffing, key performance indicator reviews, risk management, enterprise architecture, data governance, knowledge management, etc.
System Access Approval and Monitoring	Controls are in place over the authorisation, identification and authentication of associate access to IT Resources. Minimally, access to systems or data is formally approved and access is periodically reviewed for appropriateness.
System Change Control	Controls are in place to ensure changes to IT systems are reviewed to ensure they meet the needs of the Undertaking, perform as expected, and do not create security vulnerabilities. These controls could include unit testing, performance testing, user acceptance testing, vulnerability testing, etc.
System Data Encryption	Controls are in place to ensure sensitive data is encrypted in Undertaking systems. Encryption controls and other methods of safeguarding data are used in at-risk IT assets such as laptops, smart phones/blackberry's and back-up tapes to prevent unauthorised data access and/or disclosure of confidential or sensitive information.
System Monitoring and Response	Controls that ensure the technology environment is monitored for security incidents, processing abends, system outages, etc. and that appropriate actions are taken based on the results.
System Security Configurations	Security configurations at the software, infrastructure, hardware, or network layers that ensure the confidentiality of data.
Third-Party Monitoring	Controls that ensure that third-parties are operating in accordance with agreements and contracts and deviations are acted upon by management.
Training/Communication	Controls are in place to ensure that employees, at all levels, are provided with training activities that comply with regulatory requirements regarding training on products, services, procedures, rules and standards, as applicable. The organisation has communicated its values and standards to employees, suppliers, customers and other relevant stakeholders. There is a process to update and communicate these standards and related training regularly.



Control Name	Description
Validity/Existence Tests	Controls that validate the existence of assets. Examples include physical inventory counts to determine that quantities and descriptions of goods and/or supplies on hand are accurate, fixed asset inventories to validate the existence of items represented in the accounts, and other similar processes.

### B.4.3 Description of Compliance Function

The Compliance Function is an important part of an effective internal control system and the three lines of defence model. In this regard, the Undertaking is committed to having in place an effective compliance risk management programme (MetLife Compliance Risk Management (CRM) Programme) wherever it does business and is guided by its core values, appropriate rules, structures, processes, training, documentation and controls to help prevent, detect and remediate compliance breaches and deficiencies. The aim of the CRM programme is to help management be reasonably assured that effective processes are in place to ensure adherence to applicable laws and regulations. It also ensures that any compliance issues uncovered by the programme are appropriately addressed and that ownership of the compliance risks and mitigating actions are assigned to business process owners.

The CRM Programme consists of the following key elements:

- Compliance Risk Identification and Prioritisation;
- Compliance Risk and Control Assessments;
- Monitoring and Testing Programme; and
- Policies and Procedures.

The Board has overall responsibility for setting and overseeing compliance arrangements in the Undertaking. Management has responsibility for maintaining compliance with all applicable laws and regulations and the commitment and support of management is an essential component of a successful compliance programme. The core role of the Compliance Function is to provide assurance to the management of the Undertaking, and ultimately to the relevant regulators, that the Undertaking is operating within the letter and the spirit of the legal and regulatory framework. The Compliance Function reports to the Undertaking's Executive Committee/BRC and ultimately to the Board.

The Compliance Function performs the following actions on an annual basis:

- In line with the CRM Programme, identification and assessment of compliance risk, including but not limited to, the completion of compliance monitoring and testing to ensure independent oversight and review of policies and procedures.
- Regulatory Development (in line with the Regulatory Development Policy):
  - Advising senior management, in conjunction with the Legal Function, on compliance with applicable laws and regulations;
  - Assessing the possible impact of changes in the regulatory environment on the operations of the Undertaking.
- Providing an Annual Compliance Plan, including a Testing and Monitoring Plan for approval from the Board.
- Supporting a robust training programme to ensure all staff are fully up to date with and understand all aspects of compliance rules and regulations.
- Reviewing compliance procedures and controls on a regular basis.
- In addition, the Head of Compliance is also responsible for providing compliance oversight of the Compliance Function in all branches of the Undertaking.

## **B.5 Internal Audit Function**

### **B.5.1 Internal Audit**

Internal Audit is an independent assessment group established within MetLife Group as a service to management and to the Audit Committee of the Board. It is a group that functions by examining and evaluating the adequacy and effectiveness of enterprise-wide controls with a risk-based focus.

Its purpose is to provide ongoing objective and independent evaluations of the effectiveness of the system of internal controls, and to perform special reviews and investigations as directed by the Audit Committee of the Board and Executive Management.

#### **Roles and Responsibilities of Internal Audit**

Internal Audit assists management in bringing a systematic and disciplined approach to ensuring the existence and operational effectiveness of the system of internal controls. This includes a number of responsibilities, as follows:

- Evaluating the adequacy of the system of internal controls for reasonable assurance that transactions are executed in accordance with management authorisation, that they are properly recorded, and that assets are effectively safeguarded.
- Determining if the financial reporting process used to prepare the Undertaking's statutory and GAAP financial statements is operating effectively.
- Determining if the management reporting system provides reliable and timely information.
- Evaluating whether management control systems throughout the Undertaking are operating as intended, and are effective.
- Reviewing compliance with Undertaking's policies and procedures.
- Providing management with an objective review of operations, and to ensure management takes appropriate action to mitigate risk.
- Performing consulting and advisory services related to governance, risk management and control as appropriate for the organisation.
- Reviewing new key systems and procedures prior to implementation or when there is a major change in an existing system.
- Assisting the Audit Committee of the Board in exercising their fiduciary responsibilities, and apprising the Board, through the Audit Committee, of any significant developments warranting their consideration or action.
- Evaluating and investigating allegations and the possibilities of fraud, and other inappropriate transactions, in coordination with other departments.
- Recommending the appointment and evaluating the performance of the Undertaking's external auditor, negotiating the fees to be paid, securing the Audit Committee's pre-approval in accordance with established policy, and maintaining oversight and coordination on the scope and scheduling of the Undertaking's external audits.
- Having responsibility for subsidiary internal audit departments to ensure effective audit coverage and independence.
- Monitoring and evaluating the effectiveness of the Undertaking's risk management processes.
- Participating in management discussions that involve the development or modification of operating policies, or the system of internal controls.
- Maintaining liaisons with appropriate external professional organisations and keeping informed on new developments in the field of auditing.
- Perform certain Sarbanes Oxley controls testing in coordination with other departments.

#### **Internal Audit process**

The Internal Audit process is defined by the MetLife Inc. Chief Auditor. Within the framework of these objectives, Internal Audit formally document their risk assessment methodology, prepare an audit plan, and prepare an expense budget for the relevant areas of the MetLife Group at least annually. Such plans include:

- A risk assessment of all key business processes
- A schedule of audits based upon the results of the risk assessment

- A proposed budget which documents the level of resources and expenses that need to be committed to provide consistent and adequate audit coverage for the audit plan
- Flexibility to respond to special requests of senior management on a timely basis

Internal Audit maintains an effective working relationship with the Undertaking's external auditors. External auditors are engaged to perform work required to express an independent accountant's opinion on the Undertaking's financial statements, internal controls, and other work as may be specifically requested. Internal Audit actively coordinate its efforts with the external auditors to optimise overall audit coverage and minimise costs, where appropriate. The external auditors have access to work papers and reports produced by Internal Audit, as needed.

### **Reporting Structure**

Results and conclusions of Internal Audit work are reviewed with operating and financial management directly responsible for the activity being evaluated, and such other management as deemed appropriate. The purpose of reviewing results is to reach agreement as to the facts presented by Internal Audit and to make management aware of Internal Audit issues before the report is released.

### **B.5.2 Independence**

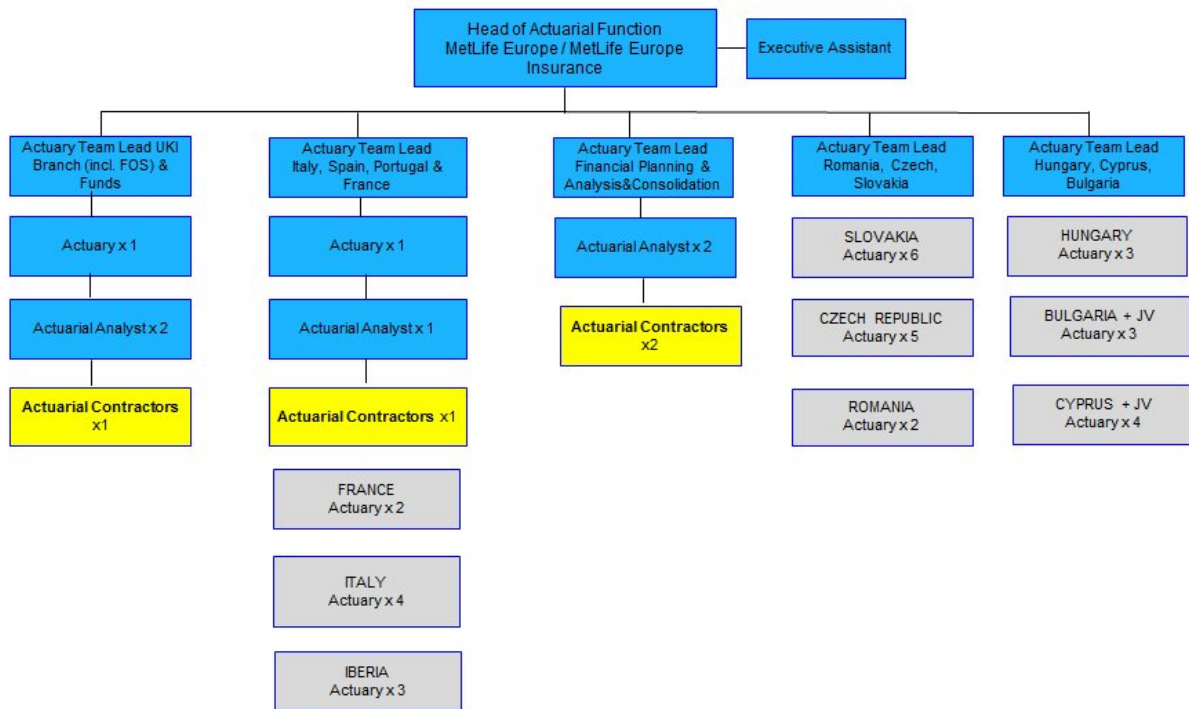
In order to maintain independence and objectivity, Internal Audit does not prepare any accounting and related records or engage in any relevant activity requiring audit review, including the development or installation of new systems, policies or procedures. The review of new systems or procedures prior to implementation is not considered an impairment of independence and objectivity.

## B.6 Actuarial Function

The Actuarial Function is responsible for the following key deliverables within the Undertaking:

- Production of the (External) Annual “Actuarial Function Report” covering the following matters (alternatively some of these may be provided separately):
  - Report on the technical provisions;
  - Opinion on the technical provisions;
  - Opinion on underwriting;
  - Opinion on reinsurance;
  - Description of the activities of the Actuarial Function over the year.
- (Internal) Quarterly memo to management providing analysis of the Solvency II balance sheet, and support for sign-off (and supporting the ORSA stipulation for continuous compliance with the requirements for technical provisions);
- (Internal) Annual report to the Board on the actuarial assumptions;
- (Internal) Contributions to risk management notably the ORSA, including inputs to the choice of stresses and scenarios, and documented quality control over the projections themselves; and
- (External) Actuarial opinion on the ORSA.

Note that the prefix “Internal” / “External” refers to whether the documentary outputs correspond directly to external requirements or are internal ways to support the external requirements. For example, the assumptions report is not required separately by external requirements, but, given that the assumptions are clearly a key element of the technical provisions, there needs to be suitable supporting documentation.



The Actuarial Function consists of the Actuarial Analysis team (as outlined in the above chart). The Actuarial Production team produces valuation results which are subsequently passed to the Actuarial Analysis team for analysis and review before final sign off by the Head of Actuarial Function. Beyond its Solvency II duties as Actuarial Function, the Actuarial Analysis team also contributes to a range of financial reporting and management activities.

## B.7 Outsourcing

### B.7.1 Outsourcing policy

The Undertaking outsources a range of activities in the countries it is active in, particularly in the areas of policy administration, IT, and treasury services, in order to benefit from expertise and efficiencies not practically available internally. Each outsourcing arrangement has a functional owner in the senior team who is responsible for the management and first line oversight of the arrangement. The Procurement function co-ordinates all activities across functions.

All outsourcing is subject to the requirements of the Outsourcing Policy, which ensures that all outsourcing arrangements are subject to appropriate due diligence, approval, written agreements and on-going monitoring, and that the risks associated with entering outsourcing arrangements are effectively managed. The Outsourcing Policy applies to all outsourcing agreements and covers the requirements for both external outsourcing and Intra-group outsourcing.

### B.7.2 Details of outsourcing (including critical or important outsourcing)

The Undertaking operates on a partially outsourced model, which means that certain services (including certain critical or important activities of the actuarial, compliance, risk management and internal audit functions) are provided by the following MetLife group service companies:

MetLife Europe Services Limited and MetLife Services EEIG for Ireland jurisdiction  
 MetLife Slovakia, s.r.o. for Slovakia jurisdiction

In addition, the Undertaking benefits from group services such as investment services from MetLife companies based in the UK and USA, and IT services from MetLife companies based in the USA.

In addition, the Undertaking externally outsources the following critical or important functions / activities:

Critical or important outsourced function / activity	Jurisdiction
Complaint handling	Multiple jurisdictions (Ireland, France, Netherlands, Norway, UK, Poland, Germany, Portugal, Italy and France)
Storage of policyholder data and policy servicing	Multiple jurisdictions (Ireland, France, Netherlands, Norway, UK, Spain, Cyprus, Poland, Germany, Portugal, Romania, Italy and France)
Claim handling	Multiple jurisdictions (Ireland, France, Netherlands, Norway, UK, Spain, Poland, Germany, Portugal, Slovakia, Romania, Italy and France)
Storage of data	Multiple jurisdictions (All Undertaking branches)
Investments Services	Multiple jurisdictions (Head Office and all branches)

## B.8 Any other information

The information provided in the sections above provide a comprehensive and complete description of the Undertaking's system of governance and its continuing adequacy for the Undertaking.

## **C Risk profile**

### **C.1 Underwriting risk**

#### **C.1.1 Material exposures**

The Undertaking's primary focus is on the provision of involuntary loss of employment (ILOE) cover as an add-on to MetLife Europe d.a.c.'s core life insurance offerings. The Undertaking also provides a small book of mobile phone insurance (MPI) and travel insurance business.

Underwriting risk refers to fluctuations in the timing, frequency and severity of insured events relative to the expectations of the Undertaking at the time of underwriting, arising as a consequence of writing business where financial outgo depends upon loss of employment, and lapse experience. This also includes the potential for expense overrun relative to pricing assumptions, and includes the consequences of writing new business in volumes or mix different to those anticipated.

The Undertaking is exposed to underwriting risks in its businesses, including premium and reserve risk. These risks are identified and assessed as part of the product development process, in which appropriate underwriting conditions are defined for all underwriting risks associated with the insurance policies over their whole life cycle.

The exposures to underwriting risks have moved in line with business mix and volumes over the course of the reporting period (including the Project Evolution Romania transfer).

#### **C.1.2 Material risk concentrations**

The Undertaking predominantly writes involuntary loss of employment (ILOE) business in Italy. ILOE cover compliments a credit package for covering loans, recurrent debts or providing income protection. The benefit payable is the installment of the credit or the monthly recurrent debt. Due to the Italian business volumes, one of the primary insurance risks to which the Undertaking is exposed, is a large increase in Italian unemployment rates. This majority of this risk is reinsured.

#### **C.1.3 Material risk mitigation practices**

Underwriting risks are primarily mitigated through reinsurance, diversification and through limits and guidelines which are monitored by the Product Management Committee. The Undertaking regularly reviews the emergence of any potential counterparty concentration, with the team responsible for the monitoring being independent of the underwriting and sales functions.

As outlined in the previous section, one of the primary insurance risks to which the Undertaking is exposed, is a large increase in Italian unemployment rates. The claim rates are mostly flat in Italy versus varying unemployment rates, demonstrating the impact of Cassa Integrazione Guadagni (CASSA), which is unique to Italy. The CASSA acts as a "shock absorber" where employees, instead of being dismissed, keep their employment contract in force and are paid while they are looking for another job or being trained to develop their skills to maybe return to their former company. Employees are recognised as unemployed only if all efforts to find them a new job or to get their former job fail. Employees may stay up to 12 months in CASSA. The impact of CASSA is to dampen the impact of an increase in unemployment rates on the Undertaking's experience.

ILOE performance, including claims experience and labour statistics are monitored on a quarterly basis.

The Undertaking reviews its risk exposures regularly and considers potential actions to align exposure to risk appetite.

#### C.1.4 Material risk sensitivities

As required by the calculations to determine the SCR using the Standard Formula, the Undertaking determines the impact of increases in expected loss rates, and pandemic events. The following table shows the sensitivity in the Undertaking's capital requirements if a 1 in 200 year event (as measured by the Standard Formula) happened for each risk category.

	<b>31-Dec-16</b>
	<b>€'000</b>
Premium and Reserve Risk	13,748
Lapse Risk	1,388
Non-Life CAT Risk	7,467

## C.2 Market risk

### C.2.1 Material exposures

The Undertaking does not take on market risk as a strategic risk. The Undertaking seeks to incur only minimal market risk exposure as arises from its insurance business. The Undertaking is exposed to market risks, including interest rates due to timing differences of asset and liability cash flows and basis differences between valuation rates, different currencies, credit spreads and positions held to facilitate policyholder transactions.

The Undertaking's risk identification process for market risk includes the following steps:

- Identification of existing risk exposures,
- Identification of the risk impact of management decisions, including product developments, changes in investment portfolios and major strategic decisions such as merger and acquisition transactions,
- Identification of emerging risks.

The exposures to market risks relative to other risks increased over the course of the reporting period due to updates to the models, the inclusion of Romania and a change to the asset mix.

### C.2.2 Material risk concentrations

Market risks are concentrated to the interest rates and investment markets of the Undertaking's major functional currencies, including Euro and the Romanian Leu.

### C.2.3 Material risk mitigation practices

Market risks are primarily mitigated through the Undertaking's investment limits and guidelines. The investments must be made in accordance with the general principles set out in Undertaking's Strategic Investment Policy. In addition, investments must be made in accordance with the guidelines as approved by the Board which provides detailed limits on permissible sector exposures.

The Undertaking reviews its risk exposures regularly and considers potential actions to align exposure to risk appetite.

### C.2.4 Material risk sensitivities

As required by the calculations to determine the SCR using the Standard Formula, the Undertaking determines the impact of changes in interest rates, currency values (against the Euro), equity levels, and credit spreads. The following table shows the sensitivity in the Undertaking's capital requirements if a 1 in 200 year event (as measured by the Standard Formula) happened for each risk category.

	<b>31-Dec-16</b>
	<b>€'000</b>
Interest rate risk	1,058
Equity risk	21
Property risk	—
Currency risk	1,291
Concentration risk	161

The estimated impact on net investment income in the IFRS Statement of Comprehensive Income of a one percentage point increase in yield curves is €1.5 million (2015: €1.2 million).



### C.3 Credit risk

#### C.3.1 Material exposures

The Undertaking is exposed to credit risks (i.e. the risk of a value decrease of assets or increase of liabilities due to the default of third parties, or the increase of the probability of such a default and/or the associated loss). Exposure to credit risk comes from the investment portfolio, reinsurers and other counterparty receivables.

The exposures to investment credit risks have remained stable over the reporting business. The exposures to reinsurers and third party receivables moved in line with business volumes (including the Project Evolution Romania transfer and related reinsurance).

#### C.3.2 Material risk concentrations

The Undertaking maintains a highly diversified, well rated investment portfolio and routinely monitors and limits credit exposures at counterparty and aggregate level.

Material reinsurance arrangements are with highly rated reinsurers and / or are appropriately collateralised.

#### C.3.3 Material risk mitigation practices

Credit risks are primarily mitigated through asset allocation, diversification and single-exposure limits. For counterparty exposures, the Undertaking may require the placement of collateral.

The Undertaking reviews its risk exposures regularly and considers potential actions to align exposure to risk appetite.

#### C.3.4 Material risk sensitivities

As required by the calculations to determine the SCR using the Standard Formula, the Undertaking determines the impact of changes in credit spreads and a potential extreme loss of counterparty exposures which are set out in the following table. The following table shows the sensitivity in the Undertaking's capital requirements if a 1 in 200 year event (as measured by the Standard Formula) happened for each risk category.

	<b>31-Dec-16</b>
	<b>€'000</b>
Spread risk	1,437
Counterparty default	3,165

The investment portfolio is exposed to credit spread movements, whilst counterparty default risk exposures arise primarily from reinsurance arrangements and third party receivables. All credit risk exposures are mitigated as described above.

## **C.4 Liquidity risk**

### **C.4.1 Material exposures**

The Undertaking is exposed to liquidity risks where it is obliged to settle liabilities at short notice and assets cannot be liquidated at all or only with very significant haircuts.

Management of liquidity risk to ensure that the Undertaking can, at all times, meet its liabilities as they become due, forms a key part of the Undertaking achieving its business objectives and meeting its regulatory requirements. Proper management of liquidity risk is mirrored in the Undertaking's management of credit risk and market risk, which significantly reduce the risk of contagion from credit risk and market risk.

The exposures to liquidity risks have been stable over the course of the reporting period.

The Undertaking's investments are typically highly liquid. In its assessment of liquidity, the Undertaking can also take into account the cash inflows and outflows from its insurance business. The total amount of the expected profit included in future premiums as calculated in accordance with Article 260(2) was €7,611,076 as at 31 December 2016.

### **C.4.2 Material risk concentrations**

In line with Investment Guidelines, the Undertaking maintains a highly diversified portfolio and limits the exposure to individual obligors. Concentrations can arise where the Undertaking's liquidity needs are triggered by individual events. Liquidity stress testing is carried out to ensure that sufficient liquidity would be available in such events.

### **C.4.3 Material risk mitigation practices**

Liquidity risks are primarily mitigated through asset allocation, diversification and single-exposure limits, and by avoiding entering obligations to provide liquidity to counterparties.

The Undertaking specifies quantitative and qualitative limits on its liquidity risk exposures, including specific risks that the Undertaking is not willing to accept.

The Undertaking reviews its risk exposures regularly and considers potential actions to align exposure to risk appetite.

### **C.4.4 Material risk sensitivities**

The Undertaking performs regular stress tests of its liquidity position in adverse events, including significant and abrupt changes in financial markets and policyholder behaviour. These stress tests consider the timing of obligations and the ability to liquidate assets over different time horizons, as well as the impact of such liquidations on realised values.

## **C.5 Operational risk**

### **C.5.1 Material exposures**

The Undertaking is exposed to operational risk consistent with other financial institutions, including the impact of changes in the regulatory and legal environments, the dependency on multiple internal and external operators (for investment activities as an example) and complex modelling for financial reporting and solvency reporting. Operational risks are identified and assessed with regards to their frequency and potential impact as part of the risk management process, in which risks and controls are documented by risk owners and validated by the Risk Management Function. As the Undertaking continues to evolve operationally, it aims to maintain a stable operational risk environment over the plan horizon.

### **C.5.2 Material risk concentrations**

The Undertaking prefers to concentrate activities in focused and tightly-controlled operations and ensures that operations have independent review, alternative back-up sites, and business continuity plans.

### **C.5.3 Material risk mitigation practices**

Operational risks are primarily mitigated through functional controls, which are integral elements of the Undertaking's Risk Framework and independently validated on a regular basis.

The Undertaking reviews its risk exposures regularly and considers potential actions to align exposure to risk appetite.

### **C.5.4 Material risk sensitivities**

Each operational risk is rated regarding frequency and potential impact on an inherent basis (i.e. before effective control) and on a residual basis (i.e. taking into account effective controls) to create a current risk heat map. Control remediation action plans are put in place as and when required.

## **C.6 Other material risks**

In addition to the risks covered above, the Undertaking may in the future also be exposed to emerging risks. The Undertaking currently considers disruptive cybersecurity issues; and regulatory changes on data protection and business conduct that can transform the insurance industry as key emerging risks.

## **C.7 Any other information**

The Undertaking has a strategic role to support MetLife Europe d.a.c. and other MetLife entities, therefore its success depends upon the success of those entities.

## D Valuation for solvency purposes

### D.1 Assets

#### Basis of valuation

The valuation of assets for Solvency II has been determined in line with the Solvency II Directive and related guidance.

Unless expressly stated in the notes below, the Undertaking has valued its assets at fair value. In order to establish the fair value of assets, the following guiding principle has been applied:

- Assets are valued at the amounts for which they could be exchanged between knowledgeable willing parties in an arm's length transaction.

The determination of fair value of financial assets, which comprise substantially all of the assets of the Undertaking, is set out below.

#### Fair value of financial assets with active market

When available, the fair value of financial assets is based on quoted prices in active markets that are readily and regularly obtainable. These are the most liquid of the Undertaking's financial assets, and valuation of these assets does not involve management's judgement.

#### Fair value of financial assets with no active market

When developing fair values, where quoted prices are not available, the Undertaking uses one of three broad valuation techniques or a combination thereof: (i) the market approach, (ii) the income approach, and (iii) the cost approach.

The significant inputs to these valuation techniques are inputs that are observable in the market or can be derived principally from, or corroborated by, observable market data. When observable inputs are not available, inputs that are not observable in the market or cannot be derived principally from, or corroborated by, observable market data, are used. These unobservable inputs are based in large part on management's judgement or estimation, and cannot be supported by reference to the market activity. Even though these inputs are unobservable, management believes they are consistent with what other market participants would use when pricing such financial assets, and are considered appropriate given the circumstances. Actual results may differ materially from these estimates.

Such estimates are reviewed on an ongoing basis, and any difference recognised in the period in which the estimate is revised if the revision affects only that period, or in the period of the revision and future periods if the revision affects both current and future periods.

For deposits within one year of the balance sheet date, the Undertaking believes that the fair value is represented by the amounts realisable, on account of their short term nature.

The following table shows the assets of the Undertaking as reported in the Balance Sheet QRT S.02.01.01 under Solvency II, and comprises figures produced under both Solvency II and in the Undertaking's financial statements. The financial statements have been prepared in accordance with IFRS.

**Assets of the Undertaking as at 31 December 2016**

<b>Assets</b>	<b>Solvency II value €'000</b>	<b>Reclassification differences €'000</b>	<b>Valuation differences €'000</b>	<b>IFRS value €'000</b>
Deferred acquisition costs	—	—	2,685	2,685
Intangible assets	—	—	1,830	1,830
Deferred tax assets	3,677	—	428	4,105
Government Bonds	32,960	(337)	—	32,623
Corporate Bonds	26,253	(296)	—	25,957
Collective Investments Undertakings	44	(44)	—	—
Deposits other than cash equivalents	2,308	(2,308)	—	—
Reinsurance recoverables	12,004	(2,918)	70,829	79,915
Insurance and intermediaries receivables	7,134	(536)	—	6,598
Reinsurance receivables	754	3,414	—	4,168
Receivables (trade, not insurance)	4,192	399	349	4,940
Cash and cash equivalents	15,099	2,314	—	17,413
<b>Total Assets</b>	<b>104,425</b>	<b>(312)</b>	<b>76,121</b>	<b>180,234</b>

The Solvency II liabilities are compared to the IFRS liabilities in section D3. The valuation differences between the Solvency and IFRS excess of assets over liabilities is set out in section E.1.2.

The items on the Solvency II and IFRS balance sheet may be disclosed in different categories. The 'reclassification' column above includes such amounts where there is a different classification between Solvency II and IFRS. There is no net bottom line reclassification difference between the assets in this section and the liabilities in section D3.

### **D.1.1 Deferred acquisition costs**

Under Solvency II, deferred acquisition costs do not represent a recognisable asset. Cash outflows on acquisition are expensed when incurred.

Under IFRS, the costs incurred during the financial year that are directly attributable to the successful acquisition of new business are deferred to the extent that they are expected to be recoverable out of future margins in revenues on these contracts. Accordingly, the two amounts differ on account of the different accounting policies applied.

A portion of the DAC asset held for Spain business is allocated to an Unearned Commission Asset (UCA) to reflect the clawback arrangement in place for associated commission payments. As commission is earned, it is moved to DAC. The gross UCA is disclosed in other assets and the ceded UCA is disclosed in other payables in IFRS. The UCA is not recognised under Solvency II.

### **D.1.2 Intangible assets**

Intangible assets include those payments made to third party distributors for exclusive distribution rights obtained by the Undertaking.

Under Solvency II, intangible assets are not recognised unless the Undertaking is able to sell the asset for a price derived from an active market. Thus the Undertaking does not recognise intangible assets under Solvency II.

Under IFRS, intangible assets are stated at cost less accumulated depreciation. Intangible assets are recognised if the undiscounted future cash flows exceed the initial cost of the asset. Intangible assets are amortised over its useful life and amortisation methods are either proportional to expected profits or expected premiums. Accordingly, the two amounts differ on account of the different accounting policies applied.

### **D.1.3 Deferred tax assets**

Under Solvency II, deferred tax assets are recognised on the estimated future tax effects of temporary differences, unused tax losses carried forward and unused tax credits carried forward. Deferred tax is only recognised where it is probable that it will be realised, i.e. that future taxable profits will be available against which deductible temporary differences can be utilised. Deferred tax is measured at the tax rates that are expected to apply in the period in which the liability is settled or the asset realised, based on the tax laws enacted or substantively enacted at the reporting date, on an undiscounted basis. When determining whether deferred tax assets can be realised, the Undertaking considers projected future taxable profits in excess of those profits arising from the reversal of existing taxable temporary differences.

Deferred tax assets are not set off against deferred tax liabilities, unless such assets and liabilities have arisen in the same tax jurisdiction, in line with local legislation and practice.

The principles under which deferred tax assets and liabilities are recognised under Solvency II are broadly similar to those under IFRS.

However, there are differences in the carrying value of underlying assets and liabilities, which give rise to temporary differences between carrying value and tax base. Accordingly, the two amounts differ on the balance sheets.

The following table sets out the composition of the deferred tax balances under Solvency II, as at the reporting date, and a comparison against the deferred tax balances under IFRS:

	<b>Solvency II</b>	<b>IFRS</b>
	<b>€'000</b>	<b>€'000</b>
Commission fees allowable in future years	1,984	1,984
Other local deferred items	(34)	(34)
Losses carried forward	2,155	2,155
Differences between Solvency II and IFRS balance sheet	(902)	—
<b>Net deferred tax balance</b>	<b>3,203</b>	<b>4,105</b>

The following table sets out the changes in income tax rates since the previous reporting date which have impacted the deferred tax balance:

	<b>Current tax rate</b>	<b>Previous tax rate</b>
Italy	24.00%	27.50%
France	28.00%	34.43%
Slovakia	21.00%	22.00%

All branches are profitable under estimated local tax base. The following branches have net deferred tax assets:

	<b>2016</b>	<b>2015</b>
	<b>€'000</b>	<b>€'000</b>
Italy	3,426	3,883
Slovakia	247	—
Czech	4	—
<b>Total</b>	<b>3,677</b>	<b>3,883</b>

#### **D.1.4 Investments (other than assets held for index-linked and unit-linked contracts)**

Under Solvency II, investments are stated at fair value, except strategic participations, as set out below. Financial assets and liabilities are recognised when the Undertaking becomes a party to the contractual provisions of the instrument. All financial instruments reported at fair value are measured based on an exit price.

The valuation techniques and source of pricing inputs used by the Undertaking for significant categories of investments are produced below:

##### **D.1.4.1 Bonds**

Government bonds listed on a recognised exchange are valued using the quoted prices for identical instruments.

Government bonds which are not listed, are principally valued using the market approach. Valuations are based primarily on matrix pricing or other similar techniques using standard market observable inputs including benchmark yields, issuer ratings, broker-dealer quotes, issuer spreads and reported trades of similar instruments, including those within the same sub-sector or with a similar maturity or credit rating.

Government bonds for which observable inputs are not available, are principally valued using the market approach. Valuations are based primarily on independent non-binding broker quotations and inputs including quoted prices for identical or similar instruments that are less liquid and based on lower levels of trading activity. Certain valuations are based on matrix pricing that utilise inputs that are unobservable or cannot be derived principally from, or corroborated by, observable market data, including credit spreads.

Corporate bonds listed on a recognised exchange are valued using quoted prices or quoted prices for similar assets.

Corporate bonds which are not listed, are principally valued using the market and income approaches. Valuations are based primarily on quoted prices for similar listed instruments in active markets, quoted market prices for similar listed instruments in markets that are not considered active, or using matrix pricing or other similar techniques that use standard market observable inputs such as benchmark yields, spreads off benchmark yields, new issuances, issuer rating, duration, and trades of identical or comparable instruments. Privately-placed instruments are valued using matrix pricing methodologies using standard market observable inputs and inputs derived from, or corroborated by, market observable data including market yield curve, duration, call provisions, observable prices and spreads for similar publicly traded or privately traded issues that incorporate the credit quality and industry sector of the issuer, and in certain cases, delta spread adjustments to reflect specific credit-related issues.

Corporate bonds for which observable inputs are not available, are principally valued using the market approach. Valuations are based primarily on matrix pricing or other similar techniques that utilise unobservable inputs or inputs that cannot be derived principally from, or corroborated by, observable market data, including illiquidity premium, delta spread adjustments to reflect specific credit-related issues, credit spreads, and inputs including quoted prices for similar instruments that are less liquid and based on lower levels of trading activity. Certain valuations are based on independent non-binding broker quotations.

Under IFRS, bonds are stated at fair value. Accordingly, there are no differences between Solvency II and IFRS.

#### **D.1.4.2 Collective Investments Undertakings**

Collective investments undertakings listed on a recognised exchange are valued using the quoted prices provided by the investment managers, that are based on their respective net asset values.

Unlisted investment funds are principally valued based on prices from the investment managers, which are based on European Venture Capital Association Guidelines, including price/earnings ratio based valuation. The prices released by investment managers of the underlying funds are reviewed and where appropriate, adjustments are made to reflect the impact of changes in market conditions between the date of the valuation and the end of the reporting period. The valuation of these investment funds is largely based on inputs that are not based on observable market data.

Under IFRS, collective investments undertakings are stated at fair value. Accordingly, there are no differences between Solvency II and IFRS.

#### **D.1.4.3 Deposits other than cash equivalents**

Deposits other than cash equivalents comprise of demand deposits. These are carried at fair value on the Solvency II balance sheet, which are based on the amounts due on demand.

Under IFRS, demand deposits are stated at carrying value which approximates to fair value. Accordingly, there is no difference between the two amounts.



### **D.1.5 Reinsurance recoverables**

Under Solvency II, reinsurance recoverables are valued using the cash-flow projection model similar to that used to calculate the best estimate of liabilities.

The reinsurance recoverables are adjusted for expected defaults using internal assumptions. Further information on the best estimate of liabilities, its valuation methodology, basis and assumptions used can be found in section D.2.

Under IFRS reinsurance recoverables are valued using the same methods used to calculate technical provisions. Accordingly, there are differences between the value of reinsurance recoverables on the two balance sheets.

### **D.1.6 Insurance and intermediaries receivables**

This relates to the amounts due from policyholders, insurance intermediaries and other insurers linked to inward reinsurance business.

Under Solvency II, these are stated at fair value.

Under IFRS, receivables and other assets are recorded at cost less any irrecoverable amounts and are an approximation of the fair value of these assets. Accordingly, there are no differences between Solvency II and IFRS.

### **D.1.7 Reinsurance receivables**

Reinsurance receivables relate to claims and commissions settled but not yet paid by reinsurers.

Under Solvency II, these are stated at fair value.

Under IFRS, receivables and other assets are recorded at cost less any irrecoverable amounts and are an approximation of the fair value of these assets. Accordingly, there are no differences between Solvency II and IFRS.

### **D.1.8 Receivables (trade, not insurance)**

Under Solvency II, these are stated at fair value.

Under IFRS, trade receivables are recorded at cost less any irrecoverable amounts and are an approximation of the fair value of these assets. Accordingly, there are no differences between Solvency II and IFRS in relation to trade receivables.

See section D.1.1 for details of gross Unearned Commission Asset (UCA) which is disclosed in other assets in IFRS but is not recognised under Solvency II.

### **D.1.9 Cash and cash equivalents**

Cash and cash equivalents are carried at fair value on the Solvency II balance sheet, which is based on the amounts due on demand. Bank overdrafts are disclosed in debts owed to credit institutions.

Under IFRS, cash and cash equivalents are stated at carrying value which approximates to fair value. Accordingly, there is no difference between the two amounts.

### D.1.10 Any other information on assets

#### Estimation uncertainty

The key source of estimation uncertainty arises in deferred tax assets (section D.1.3).

#### Asset levelling

The following table provides an analysis of financial assets that are measured subsequent to initial recognition at fair value, grouped into Levels 1 to 4 on the degree to which the fair value is observable.

- Level 1: quoted prices in active markets for identical assets;
- Level 2: quoted prices in active markets for similar assets;
- Level 3: inputs other than quoted prices in active markets for identical or similar assets that are observable for the asset directly (i.e. as prices) or indirectly (i.e. derived from prices); and
- Level 4: inputs not based on observable market data.

Asset Category	Level 1	Level 2	Level 3	Level 4	Total Solvency II
	€'000	€'000	€'000	€'000	€'000
Cash and cash equivalents	15,099	—	—	—	15,099
Corporate Bonds	—	26,253	—	—	26,253
Deposits other than cash equivalents	2,308	—	—	—	2,308
Government Bonds	—	32,960	—	—	32,960
Investment funds	44	—	—	—	44
<b>Grand Total</b>	<b>17,451</b>	<b>59,213</b>	<b>—</b>	<b>—</b>	<b>76,664</b>

All other information has been disclosed in the preceding sections.

## D.2 Technical provisions

The technical provisions correspond to the current amount the Undertaking would have to pay if they were to transfer their insurance obligations immediately to another Undertaking. The value of technical provisions are equal to the sum of a best estimate liability and a risk margin. The methodology employed in the calculation of the best estimate liability is covered in section D.2.3 and the risk margin is covered in section D.2.7.

The insurance obligations have been segmented into homogeneous risk groups when calculating the technical provisions. The approach to segmentation is covered in section D.2.1.

The best estimate liability includes two separate components:

- Premium provision, which allows for future benefits and expenses, net of future premiums, is calculated using a discounted cash flows approach, based on best estimated demographic and expense assumptions, and using the prescribed EIOPA yield curve for discounting.
- Provisions for outstanding claims, which include a reserve for claims already reported but not settled (RBNS) and a reserve for claims assumed to have already been incurred but not reported (IBNR).

The above liabilities are calculated gross, without deduction of the amounts recoverable from reinsurance contracts. Such recoverable amounts are calculated separately and are covered in section D.2.4.

### D.2.1 Segmentation

Under Solvency II, undertakings should properly segment the business into the lines of business specified in the guidelines. The primary segmentation distinguishes between life and non-life insurance obligations. The distinction does not coincide with the legal definition, but rather with how the contract is pursued on a similar technical basis, i.e. life insurance will be considered a life insurance obligation and likewise non-life will be considered a non-life obligation.

Life business is segmented into seventeen lines of business. The non-life insurance obligations are further segmented into twelve lines of business. In respect of the Undertaking, the following are the only lines of business:

- Miscellaneous Financial Loss;
- Assistance

Miscellaneous Financial Loss includes Involuntary Loss of Employment (ILOE) and Mobile Phone Insurance (MPI). Assistance includes Travel Insurance.

### D.2.2 Technical provisions split by line of business

#### Technical provisions split by gross and net of reinsurance

Illustrated below is breakdown of gross and net technical provisions by line of business:

Line of Business	Gross of Reinsurance €'000	Reinsurance Relief €'000	Net of Reinsurance €'000
Assistance	526	(42)	484
Miscellaneous financial loss	17,999	(11,962)	6,037
<b>Total Technical Provisions</b>	<b>18,525</b>	<b>(12,004)</b>	<b>6,521</b>

### Gross technical provisions split by best estimate liability and risk margin

The table below presents the breakdown of gross technical provisions by lines of business into Best Estimate Liability (BEL) and risk margin (methodology is covered in sections D.2.3 and D.2.7 respectively).

Line of Business	Risk Margin		Gross Technical Provision under Solvency II		Gross Technical Provision under Solvency II	
	BEL	Risk Margin	BEL	Risk Margin	BEL	Risk Margin
	2016	2016	2016	2015	2015	2015
	€'000	€'000	€'000	€'000	€'000	€'000
Assistance	(239)	766	526	(1,379)	3,235	1,856
Miscellaneous financial loss	13,006	4,992	17,999	18,384	2,451	20,836
<b>Total Gross Technical Provisions</b>	<b>12,767</b>	<b>5,758</b>	<b>18,525</b>	<b>17,005</b>	<b>5,686</b>	<b>22,692</b>

The change in the technical provisions is principally driven by the following:

- Project Evolution - Transfer of Romanian business to the Undertaking on May 1 2016 increased the Technical Provisions.
- Data Changes - Data corrections in Spain and Slovakia, increasing technical provisions.
- Assumption Changes - Update of expense assumptions resulted in a material increase in technical provisions, driven in particular by the major countries (Italy, Spain and Portugal).
- Methodology Changes - Changes to the inputs to the risk margin calculation for counterparty default risk, decreasing technical provisions.
- New Business, Experience and Market Movements - Material improvements in the claims experience in 2016 led to a large release in IBNR and RBNS reserves, primarily in Italy and Spain. New credit business sold in Italy had lower ILOE premiums compared to older business, which resulted in a release in the premium provision for this country, as the new business reserve was lower than the release of reserve from business run off during the year.

## D.2.3 Best estimate

### D.2.3.1 Methodology for the calculation of the best estimate

For all lines of business, the best estimate premium provision corresponds to the probability weighted average of future cash-flows taking account of the time value of money.

### D.2.3.2 Cash-flow projections

The cash-flow projections reflect the expected realistic future demographic, legal, medical, technological, social and economic developments over the lifetime of the insurance and reinsurance obligations. Inflation is not explicitly allowed for in the calculation of the technical provisions, due to the nature of the business, which is short duration, and allows the Undertaking to reprice the business regularly (both renewals of existing business and new insured risks written under existing distribution agreements).

### D.2.3.3 Recognition and derecognition of insurance and reinsurance contracts for solvency purposes

The Undertaking observes the process of recognition and derecognition of its insurance obligations in line with the technical specifications, which states:

The calculation of the best estimate only includes future cash-flows associated with recognised obligations within the boundary of the contract. No future business is taken into account for the calculation of technical provisions.

An insurance obligation is initially recognised by insurance undertakings at whichever is the earlier of the date the Undertaking becomes a party to the contract that gives rise to the obligation or the date the insurance cover begins.

A contract is derecognised as an existing contract only when the obligation specified in the contract is extinguished, discharged, cancelled or expires.

#### **D.2.3.4 Time horizon**

For all of the calculations of best estimate, a projection period of 50 years has been assumed. This adequately accounts for all material cash-flows in the portfolio.

#### **D.2.3.5 Gross cash-flows**

The cash-flow projection used in the calculation of the best estimate takes account of all the cash in-and-out-flows required to settle the insurance obligations over the time horizon.

#### **D.2.3.6 Gross cash in-flows**

The best estimate includes items such as future premiums and other policyholder payments but does not take into account investment returns. Premiums which are due for payment by the valuation date are shown as a premium receivable on the balance sheet.

#### **D.2.3.7 Gross cash out-flows**

The cash out-flows are calculated and include future benefits payable to the policyholders or beneficiaries, expenses that will be incurred in servicing insurance obligations, commissions, benefits and tax payments.

#### **D.2.3.8 Non-Life insurance obligations**

The methodology applied by the Undertaking for the calculation of the premium provision and the outstanding claims provisions complies with the Non-Life insurance obligations (Article 36 of the Delegated Acts).

#### **D.2.3.9 Valuation of future discretionary benefits**

This is not applicable to the Undertaking.

#### **D.2.3.10 Claims Provision**

The outstanding claims reserves are “best estimate” balances common to US GAAP and IFRS and comprise those already reported but not settled (RBNS) and those incurred but not reported (IBNR).

For the Undertaking, the computation of RBNS does not generally require complex actuarial techniques, being a simple multiplication of a known benefit amount by a rate of declinature. RBNS is generally calculated by the Operations Function and booked by Finance, subject to consultation with Actuarial on declinature rates. For claims subject to periodic payments over a duration (in particular, payments for Involuntary Loss of Unemployment, where the maximum payment period and hence maximum number of payments is defined in the policy provisions), an assumption relative to the average expected number of payments is also used in the calculation of the RBNS reserve for claims reported.

The computation of IBNR does require application of actuarial techniques of moderate complexity, based on extrapolation of historic claims and premiums data (using “claims triangle” or “loss ratio” techniques).

#### **D.2.4 Reinsurance recoverables**

The calculation of amounts recoverable from reinsurance contracts follow the same principles and methodology as presented above for the calculation of other parts of the technical provisions (i.e. premium provision and claims provisions respectively).

Where the timing of recoveries for direct payments markedly diverge this has been taken into account in the projection of cash-flows. Where the timing is sufficiently similar to that for direct payments the timing of direct payments has been used.

The amounts recoverable have been calculated consistently with the boundaries of the insurance contracts to which they relate.

The expenses incurred in relation to the management and administration of reinsurance contracts are allowed for in the calculation of the best estimate.

The amounts recoverable (excluding those related to RBNS and IBNR) from reinsurance contracts are adjusted to take account of expected losses due to default of the counterparty. This adjustment is calculated separately and is based on an assessment of the probability of default of the counterparty and the average loss-given-default.

Reinsurance recoverables related to the outstanding claims reserves are not adjusted for the probability of the default of the reinsurance counterparty: while this represents an exception to the prescribed approach from the regulations, the impact of using an alternative approach has been assessed and found immaterial for the claims provisions of the Undertaking.

#### **D.2.5 Discounting**

##### **General**

Reinsurance recoverables related to the outstanding claims reserves are not discounted: while this represents an exception to the prescribed approach from the regulations, the impact of using an alternative approach has been assessed and found immaterial for the claims provisions of the Undertaking, in light of the short duration of the business.

##### **Illiquidity premium**

This is no longer relevant under Solvency II.

#### **D.2.6 Calculation of technical provisions as a whole**

The calculation of technical provisions as a whole is not applicable to the Undertaking.

#### **D.2.7 Risk margin**

The risk margin is calculated by line of business and is then added to the BEL in order to obtain the technical provisions by line of business. The risk margin is calculated by:

- Projecting the non-hedgeable SCR components at each future time period, using appropriate risk drivers;
- Aggregating the projected non-hedgeable SCR components using the prescribed correlation matrices;
- Taking a charge of 6% per annum on the run-off of the SCR; and
- Discounting those amounts at the risk-free rates.

## **D.2.8 Approximation of technical provisions**

### **Technical provisions - un-modelled business**

Due to modelling or data limitations on certain lines of business, the calculation of components of the BEL is not currently possible (for example, due to missing plancodes). Anything which is not modelled is included via un-modelled adjustments (UA). The basis for the UA will vary from item to item.

The un-modelled business includes also business managed in the Credit Life Administration System (CLAS), as well as new plancodes not yet implemented in the model, and business for which data is not of sufficient quality to produce model points (HO business).

### **Technical provisions - Paid-Up option**

The Undertaking does not currently model the option to make policies paid up.

The paid up option is not available to the Undertaking, since the majority of this business is single premium (SP) and the regular premium business does not provide cover if the premium is not paid.

The Undertaking models surrender payments for SP business as this option is available to clients, where they switch cover to another provider or where there is an early repayment of the underlying loan for ILOE business.

## **D.2.9 Level of uncertainty associated with technical provisions**

### **Levels of uncertainty associated with technical provisions**

In the calculation of technical provisions, it is necessary to make judgements, estimates and assumptions about the carrying amounts of assets and liabilities that are not readily apparent from other sources. The estimates and associated assumptions are based on historical experience and other factors that are considered relevant. Actual results may differ from these estimates.

The estimates and underlying assumptions are reviewed on periodic basis.

### **Best estimate liability**

The premium provision represents the present value of future benefits (events expected to occur in the future) to be paid to the policyholders or on behalf of the policyholders and related expenses less the present value of future premiums.

The key assumptions concerning the future, and other key sources of estimation uncertainty at the reporting date that could impact the valuation of the best estimate liability, are discussed below.

Key assumptions used in calculating the best estimate liability:

- Expected future economic conditions (limited to the risk-free interest rates for the Undertaking);
- Direct per policy maintenance expenses;
- Claims incidence rates based on selected published actuarial mortality tables; and
- Lapse rates based on expected surrender experience.

The reserve for RBNS claims represents a provision for future payments expected in relation to claims already incurred and reported to the Undertaking, and all related expenses.

Key assumptions used in calculating the best estimate RBNS are:

- Claims declination rate
- Expected number of future payments (for claims payable as periodic amounts)

The reserve for IBNR claims represents a provision for future payments expected in relation to claims already incurred but not yet reported to the Undertaking, and all related expenses.

The only key assumptions for this type of provision, limited to cases where an Ultimate Loss Ratio (ULR) approach is used, is the definition of the ULR assumption.

### Expert judgement

Expert judgement is necessary in the calculation of the best estimate liability in a number of different ways:

- Selection of data to use, correcting errors and deciding on the treatment of outliers or extreme events;
- Selection of realistic assumptions and the period of data on which such assumptions are based;
- Selection of the valuation technique considering appropriate alternative methodologies;
- Incorporating appropriately in the calculations the environment under which the Undertaking operates its business; and
- Adjusting the data to reflect current or future conditions and adjusting external data to reflect the portfolio.

#### D.2.10 Matching adjustment

This is not applicable to the Undertaking.

#### D.2.11 Volatility adjustment

This is not applicable to the Undertaking.

#### D.2.12 Transitional risk-free interest rate-term structure

This is not applicable to the Undertaking.

#### D.2.13 Transitional deduction

This is not applicable to the Undertaking.

#### D.2.14 Differences between Solvency II valuation and IFRS

The table and the associated explanations below provide key differences between technical provisions under Solvency II and those presented in the Undertaking's financial statements:

Analysis of Differences	Line of Business for IFRS		
	Miscellaneous Financial Loss €'000	Assistance €'000	Total €'000
Technical Provisions under IFRS	88,963	2,602	91,565
Assumption and methodology differences	(80,563)	(2,976)	(83,539)
RBNS classification differences	4,607	134	4,741
Items in Solvency II not in IFRS (Risk Margin)	4,992	766	5,758
<b>Gross Technical Provisions under Solvency II</b>	<b>17,999</b>	<b>526</b>	<b>18,525</b>



There are many significant differences between the technical provisions in the financial statements under IFRS and the technical provisions under Solvency II.

#### **Assumption and Methodology Differences**

Solvency II and IFRS have different rules for classifying/grouping insurance contracts, and these rules affect the valuation of the liabilities

Solvency II capitalizes all future profits, subject to contract boundaries, whereas IFRS generally does not. IFRS valuation adopts a net premium valuation methodology on regular premium business.

Solvency II assumptions are all best estimate whereas IFRS may apply Provisions for Adverse Deviations (PADs) to the assumptions used to value the reserves, according to classification rules.

#### **Items in Solvency II but not in IFRS**

Solvency II determines a risk margin based on the concept of the cost of capital (for risks that are not hedgeable), whereas this concept does not generally apply to IFRS (this might be considered as analogous to the PAD under IFRS).

#### **Reclassification**

RBNS balances are disclosed in technical provisions in Solvency II but in payables in IFRS.

## **D.2.15 Information on Actuarial Methodologies & Assumptions**

### **Principal assumptions used in the determination of technical provisions**

Solvency II requires assumptions to be based on best estimate. The assumptions are revised on a regular basis to adjust for recent experience and changes to market factors.

The principal assumptions used in the determination of technical provisions are included in this section but do not reflect all assumptions used.

### **Notes on the Assumptions**

#### **1. Demographic Assumptions**

Mortality, morbidity and incidence rates (for ILOE business) assumptions are generally based on published tables updated to allow for the results of the experience studies. The published tables are generally country specific, and may be product specific. In many cases the original table will be selected by product and then used also for valuation. In some cases the table will be provided by a reinsurer.

Lapse/surrender/persistency assumptions tend to be Undertaking specific but may be influenced by market data. This is also true of unemployment claim rates particularly relevant to the Undertaking.

#### **2. Expense Assumptions**

Expense assumptions are based on the results of the expense studies. They are entirely Undertaking specific, not only in the manner that they reflect the actual expense base of the Undertaking, but also in the way that the Undertaking allocates expenses between acquisition and maintenance and by line of business.

The Undertaking writes primarily ILOE business sold in conjunction with life coverages issued by MetLife Europe d.a.c.

Expense assumptions are therefore determined jointly across both legal entities within the credit line of business, and are applied as a proportion of the relevant premium segmented between the 2 entities.

#### **3. Economic Assumptions**

Noting that Solvency II prescribes future capital market economic assumptions to be “risk neutral”, with risk free interest rates published by EIOPA, economic assumptions are effectively limited to expense inflation.

### D.3 Other liabilities

Liabilities of the Undertaking as at 31 December 2016

Liabilities	Solvency II value €'000	Reclassification differences €'000	Valuation differences €'000	IFRS value €'000
Technical Provisions - Non-life	18,525	(4,741)	77,781	91,565
Deferred tax liabilities	474	—	(474)	—
Debts owed to credit institutions	36	(36)	—	—
Insurance and intermediaries payable	19,387	3,493	—	22,880
Reinsurance payables	2,959	1,768	467	5,195
Payables (trade, not insurance)	4,520	(796)	—	3,724
<b>Total Liabilities</b>	<b>45,901</b>	<b>(312)</b>	<b>77,774</b>	<b>123,364</b>
<b>Excess of assets over liabilities</b>	<b>58,524</b>	<b>—</b>	<b>(1,653)</b>	<b>56,870</b>

The Solvency II assets are compared to the IFRS assets in section D.1. The valuation differences between the Solvency and IFRS excess of assets over liabilities is set out in section E.1.2.

#### D.3.1 Deferred tax liabilities

For further details, please refer to section D.1.3.

#### D.3.2 Other financial liabilities

Other financial liabilities comprise of insurance and intermediaries payables, reinsurance payables, and payables (trade, not insurance).

Under Solvency II, these are stated at fair value.

Under IFRS, trade payables comprise short-term payables which are recorded at cost and are an approximation of the fair value of these liabilities. Accordingly, there are no differences between Solvency II and IFRS in relation to trade payables.

See section D.1.1 for details of ceded UCA which is disclosed in other payables in IFRS but is not recognised under Solvency II.

#### D.3.3 Leasing

The Undertaking does not hold any leases.

#### D.3.4 Employee benefits

A portion of pension costs are allocated from MetLife Services European Economic Interest Group (MetLife Services EEIG), MetLife Europe Services Limited (MESL) and MetLife Slovakia s.r.o (MetLife Services Slovakia) and are not directly paid for by the Undertaking. These allocations are recognised as an expense when incurred and any related accruals are included in intercompany payables. MetLife Services EEIG and MESL make payments at agreed rates of the employee's gross salary for each individual's pension fund, the assets of which are vested in independent trustees for the benefit of the employees and their dependents.

The Undertaking makes other payment directly towards pension plans for employees remunerated at branch level. Contributions towards these plans are recognised as an expense in the income statement. The Undertaking does not operate a defined benefit pension plan.

#### **D.3.5 Risk management**

Information on risks relating to underwriting and reserving, asset-liability management, investment risk management and liquidity risk management is set out in section C.

#### **D.3.6 Level of uncertainty associated with other liabilities**

Due to the short term nature of the other liabilities obligations, the timing of outflows of economic benefits is known with reasonable certainty.

#### **D.4 Alternative methods for valuation**

Information in relation to assets that are not valued using quoted prices is set out in Section D.1.4.1.

#### **D.5 Any other information**

All information has been disclosed in the preceding sections.

## **E Capital management**

### **E.1 Own funds**

#### **E.1.1 Capital Management Policy**

The strategic objectives of capital management for the Undertaking are:

- Regulatory compliance: to ensure compliance with the Undertaking's regulatory capital requirements and Solvency;
- Efficient allocation: to manage and allocate capital efficiently to achieve sustainable returns and facilitate growth objectives;
- Financial strength: to ensure access to capital markets on competitive terms, so that the Undertaking's overall cost of capital is minimised.

Taken together, these strategic goals strengthen the Undertaking's ability to withstand losses from adverse business and market conditions, enhance its financial flexibility and serve the interests of all stakeholders.

#### **Roles and Responsibilities**

- The Board has ultimate responsibility for ensuring adequacy of capital for the Undertaking.
- The CEO is responsible for guiding strategy and overall corporate risk appetite and ensuring that the right people are overseeing each function involved in capital management.
- The CFO is responsible for overseeing capital reporting and financial functions, capital allocation, and to cascade the CEO's strategy, including risk appetite, to all relevant financial divisions.
- The CRO ensures the composition and level of the Undertaking's capitalisation supports the Undertaking's Risk Strategy and Appetite. The CRO is responsible for the systems and structures in place to manage and monitor risks.
- The Finance Function has management responsibility for understanding capital consequences of investment strategies and decisions and coordination with relevant Treasury and Finance personnel to ensure that the capital considerations of investment decisions are properly vetted.
- Both the Risk Management Function and Finance Function ensure that adequate reporting is in place and capital requirement policies are followed correctly.

#### **Capital Management Framework**

The Board is ultimately responsible for the sourcing, deployment and adequacy of capital (i.e. assets held other than those designated to meet policyholder and other Undertaking liabilities) and places significant reliance on the advice of the CFO and CRO who bear specific professional duties in this regard.

The Undertaking's capital is monitored through the capital management process and within the Undertaking's stated risk appetite limits. Any breaches of these limits is escalated in accordance with and as defined by any relevant regulatory or internal policies.

The Undertaking's risk appetite recognises the regulatory minimum standard, as it applies to technical provisions, own funds and capital under Solvency II, and sets the target ongoing solvency level in order to enable the Undertaking to withstand the financial implications of adverse experience.

#### **Risk Appetite**

The Undertaking has developed key risk appetite statements which apply on an on-going basis. The Risk Management Function reviews the Undertaking's actual risk exposure against the overall stated risk appetite on a regular basis, at least quarterly.

The Risk Appetite and Strategy identifies the agreed target solvency level and range for the Undertaking. The appropriateness of the risk appetite is evaluated as part of the Undertaking's ORSA process each year and is subject to change over time.

Where deviations from the defined risk appetite measures occur, the Risk Management Function provides the Board with its opinion of the intensity of the deviation, along with a report on actions taken to address the deviation. Following this, the Board determines the materiality of deviations from the defined Risk Appetite measures, and whether such deviations are to be communicated to the regulator in accordance with CBI requirements.

### **Capital Planning and Dividend Policy**

The Finance Function develops and maintains the medium term capital plan considering the business and risk strategies.

The capital planning process takes into account the following:

- The most recent business plan;
- Material new business;
- Any known management actions that are expected to materially affect the capital position;
- The planned dividend payments and any scheduled capital increases; and
- The outcome of the most recent Solvency II calculations and ORSA results.

Proposed dividends are considered by the Board on a case by case basis taking into account the expected capital position over a 12 month time horizon and the risks to that capital position, but in any case would not result in the Undertaking going below its overall target solvency level.

### **Capital and Liquidity Management**

The Finance Function has the responsibility of managing the excess of assets over liabilities, per established guidelines. Investment of such capital is subject to the portfolio objective of meeting operating cash flow needs and generating a modest return enhancement above risk-free levels by taking moderate duration exposure and limited credit risk. Investments will generally be selected to minimise currency exposure relative to the relevant base currency.

Investment Guidelines are in place that govern the investment options for all assets owned by the Undertaking.

### E.1.2 Reconciliation of equity under IFRS to excess of assets over liabilities under Solvency II

The Undertaking's excess of assets over liabilities (own funds) under Solvency II is different to the shareholders' equity in the financial statements prepared under IFRS. The table summarises the differences at 31 December 2016:

	Section	€'000	€'000
Assets under IFRS valuation	D.1	180,234	
Liabilities under IFRS valuation	D.3	(123,364)	
<b>Equity per the IFRS financial statements</b>			<b>56,870</b>
<hr/>			
· Valuation differences on technical provisions (net)	D.2	6,953	
· Write off of net deferred acquisition costs	D.1.1	(2,685)	
· Write off of intangible assets	D.1.2	(1,830)	
· Net unearned commission	D.1.2	(25)	
· Net deferred tax	D.3.1	(902)	
· Other timing adjustments		143	
			<b>1,654</b>
<hr/>			
Assets under Solvency II valuation	D.1	104,425	
Liabilities under Solvency II valuation	D.3	(45,901)	
<b>Excess of assets over liabilities under Solvency II</b>			<b>58,524</b>
<hr/> <hr/>			

Valuation differences occur due to different basis used for Solvency II reporting compared with IFRS. See the sections referenced above for details of the valuation differences.

### E.1.3 Composition and quality of own funds

The items reported in the own funds are split into three categories depending on different factors such as quality, liquidity and timeline to availability when liabilities arise.

Tier one own funds include ordinary share capital, non-cumulative preference shares and relevant subordinated liabilities. Tier two own funds include cumulative preference shares and subordinated liabilities under a shorter duration. Tier three own funds include own funds which do not satisfy the Tier one or Tier two requirements.

#### Composition and quality of own funds

All of the Undertaking's own funds are categorised as Tier one (ordinary share capital and share premium related to ordinary share capital) for Solvency II purposes, with the exception of net deferred tax assets of €3.6m which are categorised as Tier three.

#### E.1.4 Capital instruments in issue

<b>Instrument</b>	Ordinary share capital
<b>Tier</b>	Tier One
<b>Permanence</b>	Yes
<b>Subordination</b>	Last upon winding up
<b>Redemption incentives</b>	None
<b>Amount in Issue</b>	2,048,388
<b>Mandatory service costs</b>	None
<b>Absence of encumbrance</b>	Yes

#### E.1.5 Movement in own funds

	31-Dec-16	31-Dec-15	Movement
	€'000	€'000	€'000
<b>Basic own funds</b>			
Tier One	54,847	40,949	13,898
Tier Two	—	—	—
Tier Three	3,677	3,886	(209)
<b>Total basic own funds</b>	<b>58,524</b>	<b>44,835</b>	<b>13,689</b>

The Undertaking has no ancillary own funds.

Own Funds have increased by €14m from €44m to €58m. This is primarily driven by:

- Project Evolution Romania transfer (+€8m under Solvency II basis);
- Profits emerging from the existing business over the year;
- Model improvements, data corrections and risk margin methodology changes resulting in a release of technical provisions; and
- Changes to the business mix.



### E.1.6 Eligible amount of own funds to cover SCR and MCR

	31-Dec-16	31-Dec-15	Movement
	€'000	€'000	€'000
<b>Total own funds</b>	58,524	44,834	13,689
Less:			
Restrictions	(378)	(843)	465
Deductions	—	—	—
<b>Total eligible own funds for SCR</b>	<b>58,146</b>	<b>43,991</b>	<b>14,154</b>
<b>SCR</b>	<b>21,995</b>	<b>20,285</b>	<b>1,710</b>
<b>Solvency Ratio</b>	<b>264%</b>	<b>217%</b>	<b>47%</b>
<b>Total eligible own funds for MCR</b>	<b>54,847</b>	<b>40,949</b>	<b>13,898</b>
<b>MCR</b>	<b>5,499</b>	<b>5,071</b>	<b>427</b>

The Undertaking has a restriction on eligible own funds. As deferred tax assets is classified as Tier 3 capital, the allowable portion for inclusion in eligible own funds is restricted to 15% of the SCR calculation.

#### Loss absorbency

The Undertaking's Tier One own funds are immediately available to absorb losses. They absorb losses if there is any non-compliance with the SCR.

### E.1.7 Reconciliation reserve - key elements

Reserve item	Amount
	€'000
Excess of assets over liabilities	58,524
Own shares (included as assets on the balance sheet)	—
Foreseeable dividends, distributions and charges	—
Other basic own funds items	(17,312)
Adjustment for restricted own fund items of Matching Adjustment Portfolio (MAPs) and Ring Fenced Funds (RFF)	—
<b>Reconciliation reserve before deduction for participations</b>	<b>41,212</b>

### E.1.8 Transitional arrangements

The Undertaking has not reported transitional arrangements.

### E.1.9 Ancillary own funds

The Undertaking does not have ancillary own funds.

### E.1.10 Restrictions and deductions from own funds

Refer to section E.1.6 for details.

#### **E.1.11 Own funds - Ring Fenced Funds (RFFs)**

The Undertaking does not have RFFs.

#### **E.1.12 Own funds - Planning and management**

The Undertaking's capital projection does not include any repayment of its capital items over the current and projected planning horizon or any plan to raise additional own funds.

#### **E.1.13 Own funds - Forecast**

The Undertaking projects its capital requirements over the three year planning horizon used within the ORSA process.

## E.2 Solvency Capital Requirement (SCR) and Minimum Capital Requirement (MCR)

### E.2.1 Approach to SCR and MCR

#### Calibration of stresses

For the purpose of this section, the Undertaking has adopted the SF approach. This method uses stresses for each of the individual risks as calibrated by EIOPA. EIOPA also provides the standard correlation matrices for the purpose of aggregation.

Undertaking Specific Parameters (USPs) have not been used by the Undertaking.

#### Use of Matching Adjustments

This is not applicable to the Undertaking.

### E.2.2 Overview of SCR standard formula calculation

This section details the capital requirements for the Undertaking.

The assessment of the SCR using the SF approach is based on a modular approach consisting of a core of life; non-life; market; health and counterparty default risks with associated sub-modules. These are aggregated in the SF using correlation matrices, both at the sub-module and the main module level. An intangible asset module is then added (uncorrelated) to give the Basic Solvency Capital Requirement (BSCR). The operational risk component and adjustments for risk absorbing effect of future profit sharing and deferred taxes are then allowed for, to give the overall SCR.

Hence, the SCR is calculated as follows:

$$\text{SCR} = \text{BSCR} - \text{Adj} + \text{SCR}_{\text{op}}$$

Where

- SCR = The Overall Standard Formula Capital Charge;
- BSCR = Basic Solvency Capital Requirement;
- Adj = Adjustment for Risk Absorbing Effect of Future Profit Sharing and Deferred Taxes; and
- $\text{SCR}_{\text{op}}$  = The Capital Charge for Operational Risk.

Here, the “delta-Net Asset Value” ( $\Delta\text{NAV}$ ) approach is used for capturing the impact of the underlying risk module. Note that the expression  $\Delta\text{NAV}$  has a sign convention whereby positive values signify a loss.

In order to calculate  $\Delta\text{NAV}$ , the base scenario as well as the stressed assets and liabilities will need to be calculated. The cashflows for each of these scenarios is then discounted to determine the corresponding present value of assets and liabilities. The difference between the base and the stressed assets and liabilities is the  $\Delta\text{NAV}$ .

The  $\Delta\text{NAV}$  is based on the Solvency II balance sheet that excludes the risk margin component of the technical provisions (i.e. uses only the best estimate liability component of the technical provisions). Furthermore when calculating  $\Delta\text{NAV}$  the following need to be allowed for:

- Risk Mitigation techniques (primarily reinsurance).
- Behavior of policyholders (for the Undertaking, this is covered in the use of lapse rates as an assumptions).

The Undertaking has calculated the non-life risk SCR module for its existing business and its expected new business over the next year. Premium risk under the non-life insurance is based on expected

premiums for the next twelve months. The stress scenarios for underwriting risks in life insurance and SLT health insurance are instantaneous and do not allow for future new business.

### USPs in SCR calculation

The Undertaking is not using USPs pursuant to Article 104(7) of Directive 2009/138/EC.

### E.2.3 SCR and MCR results

#### SCR

The following table includes the SCR components.

	<b>31-Dec-16</b>	<b>31-Dec-15</b>
	<b>€'000</b>	<b>€'000</b>
SCR market risk	3,968	1,977
SCR counterparty default risk	3,165	4,170
SCR non-life underwriting risk	22,604	19,864
Aggregation (diversification effect)	(9,977)	(8,115)
<b>Basic SCR</b>	<b>19,760</b>	<b>17,896</b>
Operational risk SCR	2,235	2,389
<b>Diversified SCR, excluding capital add-on</b>	<b>21,995</b>	<b>20,285</b>
Capital add-on	—	—
<b>SCR</b>	<b>21,995</b>	<b>20,285</b>

Note that the above aggregation figure includes diversification at both the sub-module and module level.

The increase in the SCR is primarily driven by the following:

- Correction of premium inputs used for calculation of premium and reserve and catastrophe risk;
- Change in premium inputs due to roll-forward of the valuation date;
- Increase in lapse risk due to correction to Portugal reinsurance;
- Increase in market risk primarily driven by correction to the currency risk;
- The total increases above were partially offset by a moderate decrease in the counterparty default risk and operational risk, and by increased diversification effect over 2016.

The operational risk capital is calculated based on factors applied to the technical provisions and premiums for each line of business underwritten. This is subject to regulatory minimum capital holdings are shown in the corresponding QRT. The full details of this calculation are given in S.26.06 SCR - Operational Risk.

#### MCR

	<b>31-Dec-16</b>	<b>31-Dec-15</b>
	<b>€'000</b>	<b>€'000</b>
<b>MCR</b>	<b>5,499</b>	<b>5,071</b>

The MCR floor was biting in both 2015 and 2016. The MCR hence increased in line with the SCR.

#### Capital Add-Ons

The Undertaking is not currently subject to any capital add-on based on instructions from the supervisor.

#### **E.2.4 Treatment of participating business**

This is not applicable to the Undertaking.

#### **E.2.5 Risk mitigation techniques and future management actions**

##### **Treatment of risk mitigation techniques**

Section D2 highlights the risk mitigation techniques in place for the Undertaking. In this section, we highlight the risk mitigation techniques for which the Undertaking takes credit while calculating its SCR.

The following are the risk mitigation techniques are allowed for in the SCR calculation of the Undertaking:

- **Reinsurance:** The business written by the Undertaking is heavily reinsured and, in particular, the credit business (ILOE) sold in Italy, Spain and Romania is ceded to reinsurers on the basis of proportional reinsurance treaties, with quotes ceded up to 95%. Reinsurance treaties in place include both arrangements with external and internal reinsurers.

##### **Treatment of future management actions**

The Undertaking has not allowed for future management actions in the SCR calculation.

#### **E.3 Use of the duration-based equity risk sub-module in the calculation of the SCR**

This is not applicable to the Undertaking.

#### **E.4 Differences between the standard formula and any internal model used**

This is not applicable to the Undertaking.

#### **E.5 Non-compliance with the MCR and non-compliance with the SCR**

The Undertaking has had own funds in excess of both the SCR and MCR requirements over the reporting period.

#### **E.6 Any other information**

All information has been disclosed in the preceding sections.

## Glossary of terms

Undertaking	MetLife Europe Insurance d.a.c.
Board	The Board of Directors of the Undertaking
Business Unit	The Undertaking's branches and any business conducted under Freedom to Provide Services
Solvency II Directive	European Commission Directive 2009/138/EC on the taking-up and pursuit of the business of Insurance and Reinsurance
ALM	Asset Liability Management
BCP	Business Continuity Plan
BEC	Branch Executive Committee
BEL	Best Estimate Liability
BRC	Board Risk Committee
BSCR	Basic Solvency Capital Requirement
CB	Contract Boundary
CBI	Central Bank of Ireland (the Irish Regulatory Authority)
CEO	Chief Executive Officer
CF	Controlled Function
CFO	Chief Finance Officer
CLAS	Credit Life Administration System
CoC	Cost of Capital
CPPI	Constant Proportion Portfolio Insurance
CRM	Compliance Risk Management
CRO	Chief Risk Officer
CSA	Credit Support Annexes
DAC	Deferred Acquisition Costs
d.a.c.	Designated Activity Company
DR	Disaster Recovery
DtC	Direct to Consumer
EEA	European Economic Area
EIB	Excess Interest Benefit
EIOPA	European Insurance and Occupational Pensions Authority (the European Regulatory Authority)
EMC	Executive Management Committee
EMEA	Europe, Middle East and Africa
EPIFP	Expected Profit included in Future Premiums
ERC	Executive Risk Committee
ERSA	Enterprise Risk Self Assessment
ESG	Economic Scenario Generator
EU	European Union
EV	Expected Value
FOS	Freedom of Service
F2F	Face to Face
GAAP	Generally Accepted Accounting Principles
GMAB	Guaranteed Minimum Accumulation Benefit
GMDB	Guaranteed Minimum Death Benefit
GMWB	Guaranteed Minimum Withdrawal Benefit
HO	Head Office

HR	Human Resources
HRG	Homogeneous Risk Group
IBNR	Incurred But Not Reported
IFRS	International Financial Reporting Standards
ILOE	Involuntary Loss of Employment
ISDA	International Swaps and Derivatives Association
ISEP	International Subsidiary Exposure Program
IT	Information Technology
MAP	Matching Adjustment Portfolio
MCR	Minimum Capital Requirement
ME	Middle East
MPI	Mobile Phone Insurance
NAV	Net Asset Value
ORSA	Own Risk Solvency Assessment Process
OTC	Over the Counter
PAD	Provision for Adverse Deviations
PADQF	Policy Administration Data Quality Forum
PCF	Pre-Approval Controlled Function
PMC	Product Management Committee
PV	Present Value
QRT	Quantitative Reporting Template
RACC	Risk, Audit and Compliance Committee
RBNS	Reported But Not Settled
RC	Reserving Committee
RCA	Root cause analysis
RFF	Ring-fenced Fund
RM	Risk Margin
RSR	Regular Supervisory Report
SCR	Solvency Capital Requirement
SF	Solvency II Standard Formula
SFCR	Solvency and Financial Condition Report
SLT	Similar to Life Techniques
SP	Single Premium
TCF	Treating Customers Fairly
TPA	Third Party Administrator
UA	Un-modelled Adjustments
UCA	Unearned Commission Asset
UK	United Kingdom
ULR	Ultimate Loss Ratio
USA	United States of America
USPs	Undertaking Specific Parameters
VA	Variable Annuity
VOBA	Value of Business Acquired
VUL	Variable Universal Life
WCE	Western and Central Europe

## Appendix

### Public QRTs

The attached document contains the Undertaking's public QRTs.

