European Embedded Value 2011





Contents

- **EEV** analysis
- Towers Watson opinion letter
- 3 Methodological appendix
- Statistical appendix
- **5** Glossary



Development of the EEV in 2011

		2011	△ %
Value of In-force Busine	ess (VIF)	1,781.4	4.0%
European Embedded Va	alue (EEV) ⁽¹⁾		
	Consolidated	2,326.5	
	Aggregate	2,729.0	9.6%
Return on Aggregate Er	nbedded Value (RoEV)	7.8%	2.9 p.p.
Present Value of New E	Business Income (PVNBI)	3,877.8	-4.2%
Value added by new bu	usiness ⁽²⁾	237.5	7.7%
New business margin		6.1%	0.7 p.p.

Key highlights

- Growing contribution of Life-Protection business to the value added, which reflects the strategy implemented over the last years
- Strength of the agents' channel
- Significant increase in the cost of financial options and guarantees as a result of the decrease in interest rates
- Greater financial uncertainty and lower levels of household savings



Inclusion of CCM and UNIÓN DUERO in the scope of consolidation of MAPFRE VIDA

2007-2010

- MAPFRE VIDA holds the MAPFRE Group's stake in the share capital of MAPFRE-CAJA MADRID VIDA, BANKINTER VIDA Y PENSIONES and the Life Assurance operations of CATALUNYACAIXA
- MAPFRE S.A. holds a 50% shareholding in CCM VIDA Y PENSIONES (CCMVyP), UNIÓN DUERO VIDA and DUERO PENSIONES (UDVyP)

2011

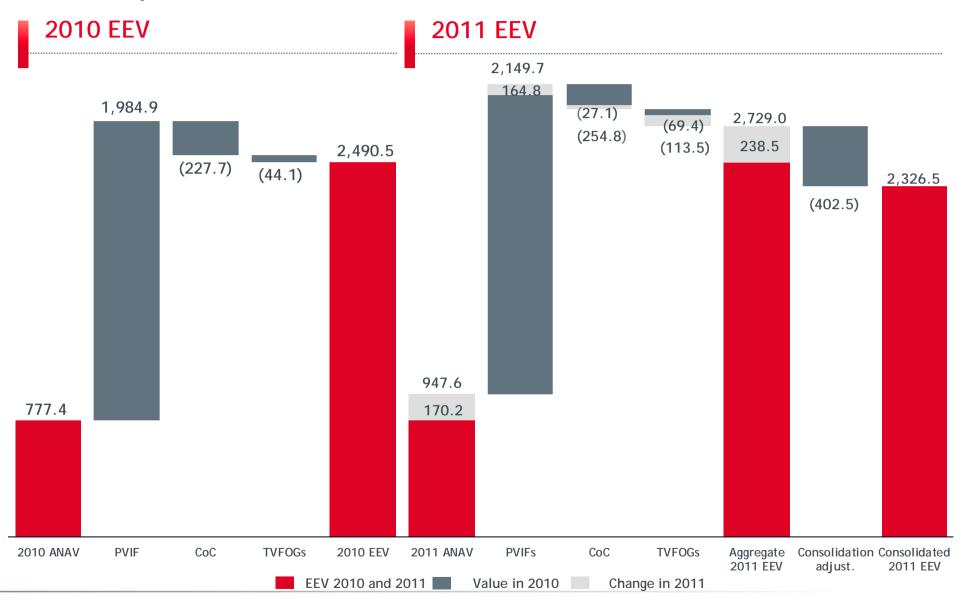
 MAPFRE VIDA acquires the shareholdings of MAPFRE S.A. in CCMVyP and UDVyP through a capital increase by contribution in kind, effective as from 1.1.2011, as a result of which MAPFRE VIDA concentrates the ownership of the Life bancassurance agreements in Spain

Impact on EEV calculation

- The 2010 EEV was presented on an aggregate basis, with no consolidation adjustments
- The 2011 EEV is reported herein both on a consolidated and aggregate manner to facilitate its comparison with the 2010 EEV
- The inclusion of CCMVyP and UDVyP in the scope of consolidation had a positive effect on the ANAV of €58.7 million, as a result of the capital increase by contribution in kind, partly offset by the recognition of the intangible assets



EEV components and their variation in 2011⁽¹⁾



¹⁾ EEV aggregated for the business covered in 2010 and consolidated in 2011, with no adjustments to the VIF for the share of minority interests, which is further detailed in slides 7, 32 and 33



Breakdown of the aggregate 2011 EEV (1)

By business line

	€ mill.	%	△ %
Adjusted Net Asset Value	947.6	34.7%	21.9%
Net PVIF ⁽²⁾ - Life Assurance ⁽³⁾	1,573.0	57.6%	14.7%
- PVIF	1,807.9		14.4%
- CoC	(234.9)	000000000000000000000000000000000000000	12.2%
Net PVIF ⁽²⁾ - Mutual Funds	78.4	2.9%	-27.5%
- PVIF	79.5	000000000000000000000000000000000000000	-27.3%
- CoC	(1.1)		-15.4%
Net PVIF ⁽²⁾ - Pension Funds	243.5	8.9%	-12.4%
- PVIF	262.3		-11.1%
- CoC	(18.8)		10.6%
TVFOGs	(113.5)	-4.2%	157.4%
EEV 2011	2,729.0	100.0%	9.6%
Initial capital used to calculate the CoC ⁽⁴⁾	801.5		0.8%

By distribution channel

	€ mill.	%	△ %
Adjusted Net Asset Value	947.6	34.7%	21.9%
Net PVIF - Agents' channel	869.3	31.9%	3.2%
- PVIF	996.6		4.1%
- CoC	(127.3)		11.0%
Net PVIF - MAPFRE-CAJA MADRID VIDA	248.5	9.1%	-0.9%
- PVIF	317.3		0.9%
- CoC	(68.8)		8.0%
Net PVIF - Other bank channels	777.1	28.5%	17.1%
- PVIF	835.8		17.2%
- CoC	(58.7)		19.1%
TVFOGs	(113.5)	-4.2%	157.4%
EEV 2011	2,729.0	100.0%	9.6%
Initial capital used to calculate the CoC ⁽⁴⁾	801.5		0.8%

¹⁾ EEV aggregated for the covered business

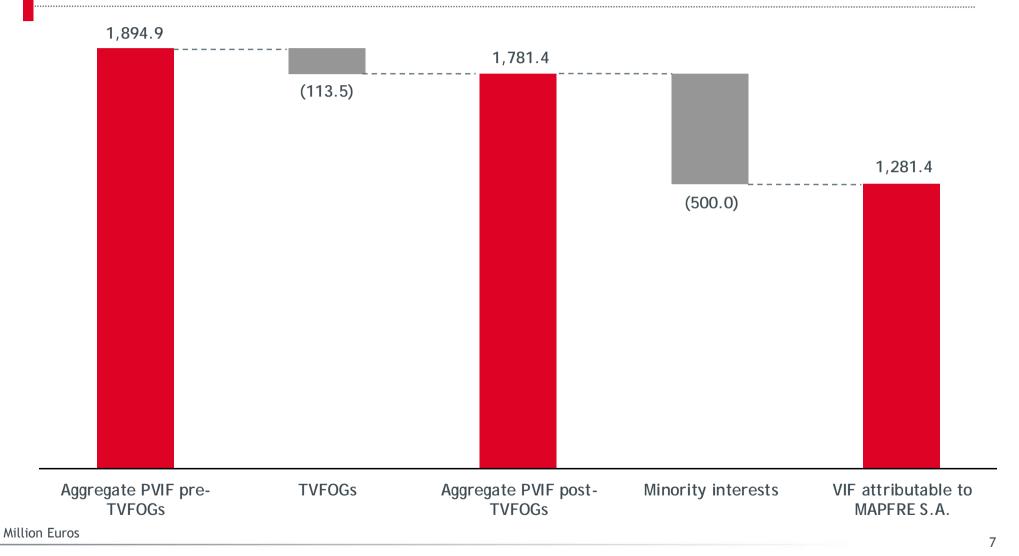
²⁾ PVIF = "Present Value of In-Force business", reported on an aggregate basis with no adjustment for the share of minority interests

³⁾ Includes the in-force values of the Life assurance and accidental death insurance businesses

⁴⁾ EEV calculations based on an amount of capital equal to 100% of the minimum required solvency margin as at 31/12/2011

Share of the parent company in the 2011 VIF

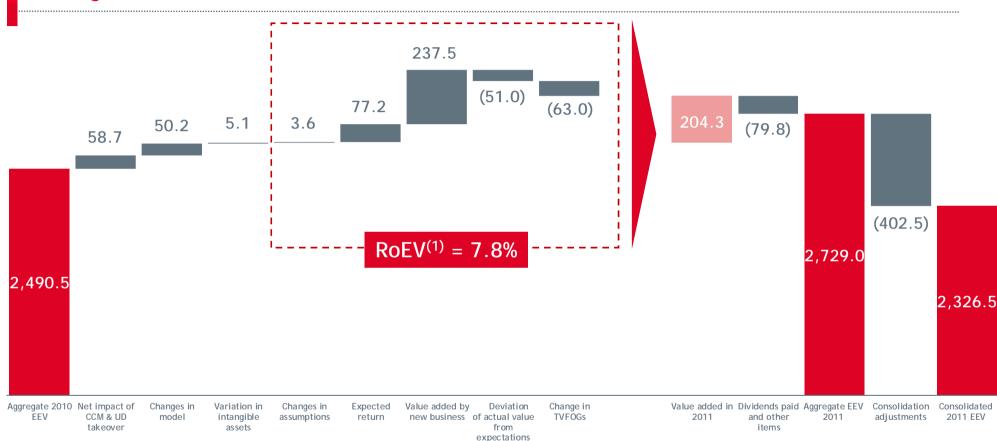
Breakdown of MAPFRE's 2011 VIF





Value added in 2011

Change in Embedded Value



¹⁾ Return on Embedded Value = Value added in the year / Embedded Value 2010, adjusted for changes in model, additions and variation in intangible assets



Analysis of the main variations in EEV

Change

Description

Consolidation of CCM and UDVyP

 Positive impact of the capital increase by contribution in kind carried out by MAPFRE VIDA to absorb the Group's stake, net of the intangible assets acquired

Changes in model

- Reflects primarily the positive impact of:
 - the use of the same cash flow projection horizon in all subsidiaries: +€12.0 million
 - the financial margin resulting from the externalisation of pension commitments, defined as the difference between the investment return and the technical interest rate: +€5.4 million
 - the profit-sharing clause included in certain reinsurance contracts, which had not been considered thus far: +€22.5 million

Variation in intangible assets

 The positive evolution reflects mainly a lower amount of intangible assets due to the regular amortisation of the Value of Business Acquired (VOBA)



Analysis of the main variations in EEV (contd.)

Change

Description

Changes in assumptions

- In 2011 their impact was significantly lower than in previous years. This reflects mainly three opposite effects:
 - the decline in interest rates, which adds €129.0 million due to the application of lower discount rates
 - the updating of financial assumptions, which subtracts €87.5 million, to reflect a scenario with a higher credit risk and lower interest rates at which flows are reinvested
 - the projection of larger unit costs amounting to -€40 million

Expected return

 Includes mainly the impact of the unwinding of the discount rate, which amounted to €36.5 million, and the expected after-tax investment return on the beginning-of-the year adjusted net asset value, net of the cost of capital (+€42.2 million)

Deviation of actual value from expectations

• Includes primarily:

a slightly higher-than-expected actual profit

higher-than-expected lapse rates

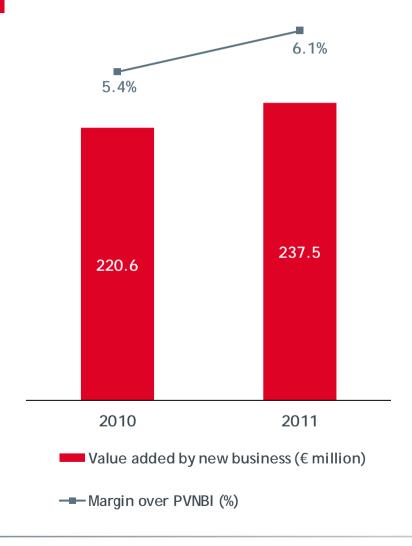
TVFOGs

• The value of financial options and guarantees has increased significantly, mainly due to the decline in interest rates



Value added by new business

Development of the value added



Key highlights

Growing contribution of the Life-Protection business to the value added

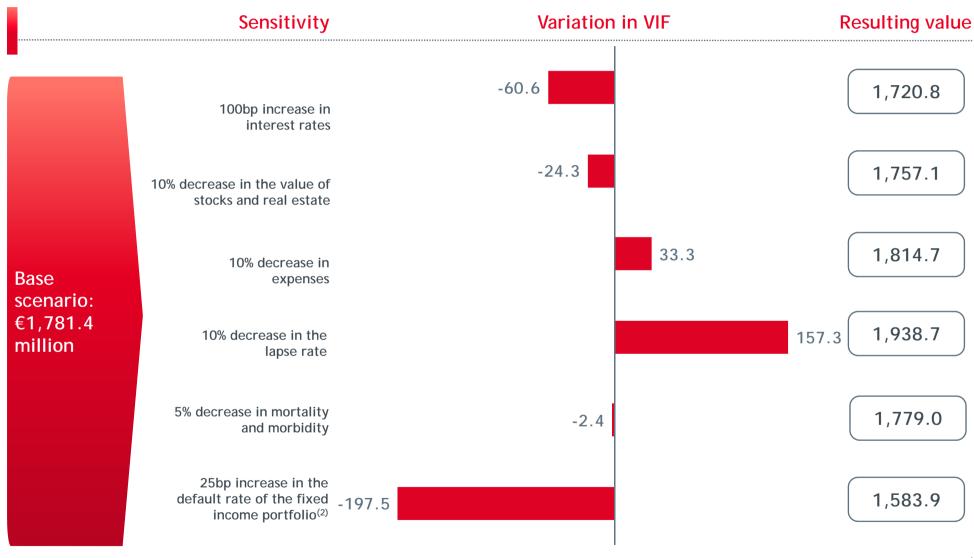
Success of the sales campaigns in Life Assurance implemented through the agents' channel

Improvement of margins in virtually all channels

4 Lower net inflows in pension funds



Sensitivity analysis of the value of in-force business⁽¹⁾

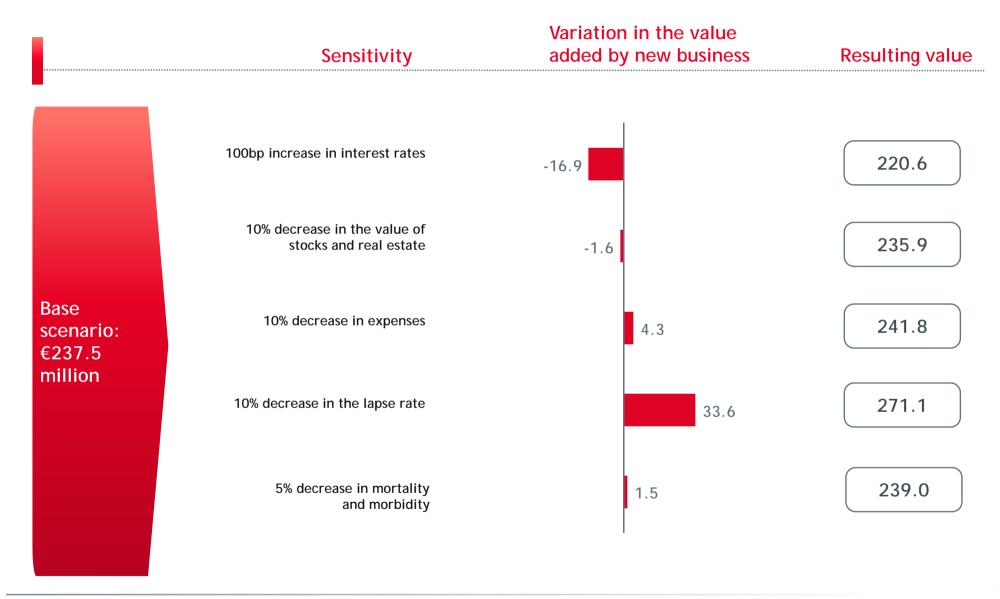


¹⁾ VIF = PVIF - TVFOGS - CoC

²⁾ The 25bp increase represents a probability of default of 1.7 times that applied to the whole fixed income portfolio included in the credit risk adjustment to the VIF



Sensitivity analysis of the value added by new business





Contents

- 1 EEV analysis
- **7** Towers Watson opinion letter
- 3 Methodological appendix
- 4 Statistical appendix
- **5** Glossary



TOWERS WATSON LA

Feline Gómez

felipe.com.ez@towerswats.on.com

26 July 2012 Mapfre S.A. Carretera de Pozuelo 52 28222 Majadahonda (Madrid)

Dear Sirs,

Opinion letter - EEV results of certain subsidiaries of Mapfre, S.A. as at 31 December 2011

- Towers Watson Risk Consulting (Spain), S.A. ("Towers Watson") has been appointed by Mapfre, S.A. to provide an actuarial opinion on the calculation of the embedded value ("EV") results of certain subsidiaries of Mapfre, S.A. as at 31 December 2011.
- The aggregated EV results have been prepared by Mapfre, S.A. to comply with the European Embedded Value Principles and Guidance issued by the CFO Forum in May 2004 (the "EEV Principles").
- The EV results of Mapfre, S.A. cover the business of Mapfre Vida, S.A. de Seguros y Reaseguros sobre la Vida Humana ("Mapfre Vida") and its subsidiaries:
 - Mapfre Caja Madrid Vida, S.A de Seguros y Reaseguros;
 - Mapfre Inversión S.V., S.A., consisting of Mapfre Inversión Dos, S.G.I.I.C., S.A. and Mapfre Vida Pensiones, E.G.F.P., S.A.;
 - Bankinter Seguros de Vida, SA de Seguros y Reaseguros ("Bankinter Seguros de Vida");
 - CatalunyaCaixa Vida, S.A de Seguros y Reaseguros;
 - CCM Vida y Pensiones S.A. de Seguros y Reaseguros ("CCM Vida y Pensiones");
 - Unión del Duero, Compañía de Seguros de Vida, S.A.; and
 - Duero Pensiones, entidad gestora de fondos de pensiones, S.A.

Scope

- 4 The EV results have been prepared by Mapfre S.A. and its subsidiaries, except that the embedded value results for CCM Vida y Pensiones and Bankinter Seguros de Vida have been calculated by Towers
- Towers Watson has carried out a review of the methodology and assumptions used by Mapfre, S.A. to calculate the EV results against the requirements of the EEV Principles.
- Towers Watson has also reviewed the aggregated 2011 EV and new business value results, the sensitivities and the EV earnings in 2011 prepared by Mapfre S.A, as shown on pages 3, 12 and 13 of the

Towers Watson Risk Consulting (Spain) S.A.R.M. de Madrid Tomo 18265, folio 50, sección 8, hoja M-316524, inscripción 1, CIF A-83465187 X \Spain\Seguros\Compañías\Mapfre seguros\EVReview2011\Informe\Carta opinion\LetterE\2011\Mapfre v3 doc

TOWERS WATSON IA

Conclusions

- 7 Subject to the exception noted below, Towers Watson has concluded that the methodology and assumptions used to determine the aggregated 2011 EV and value of new business comply with the EEV Principles. The exception referred to above is that at year-end 2011 the basis may be considered to make insufficient allowance for the aggregate risks in relation to the savings business, and in particular the allowance made, directly and indirectly, for credit risk in respect of the existing fixed interest assets, as described on page 19 of this presentation. The impact on the 2011 EV results of a larger allowance for credit risk is shown in the sensitivity analysis.
- Further, based on a high-level review of the results of the calculations, but without undertaking detailed checks on the models and processes involved, Towers Watson considers that any issues discovered do not have a material impact on the aggregated embedded value, analysis of embedded value earnings, value of new business and sensitivity tests
- Our work and this letter are subject to the reliances and limitations contained in paragraphs 10 to 15 of this letter. The work is based on information received up to and including 19 July 2012.

Reliances and limitations

- 10 The review was conducted on behalf of Mapfre, S.A. and designed according to the terms and requirements of the Directors of Mapfre, S.A. Our opinion is made solely to Mapfre, S.A. in accordance with the terms of Towers Watson's engagement letter. To the fullest extent permitted by applicable law, Towers Watson does not accept or assume any responsibility, duty of care or liability to anyone other than Mapfre, S.A. for or in connection with its review work, the opinions it has formed, or for any statement set
- 11 In carrying out our review we have relied without independent verification upon the accuracy and completeness of the data and information provided to us, both in written and oral form, by Mapfre, S.A. and its subsidiaries and we have been informed that the Directors of Mapfre, S.A know of no other information or data which ought to have been made available to Towers Watson that would materially affect the opinion set out herein.
- 12 Reliance has been placed upon, but not limited to, information regarding historic annual reports and accounts, life insurance and mutual and pension fund product characteristics and charges, asset allocations by product line, asset values, expense analyses, salesforce commission scales, internal claim and discontinuance studies, levels of in-force premiums, number of policies, technical reserves, mutual and pension funds by product, terms of reinsurance agreements, electronic policy data bases, cash flow projections by product, analyses of movement and analyses of sensitivities.
- 13 We have not attempted to assess the suitability, quality or value of the assets of Mapfre, S.A. and its subsidiaries, or to provide any warranty as to the adequacy of the technical reserves. We have also not investigated any claims against Mapfre, S.A. and its subsidiaries, other than those made by policyholders or fund participants under the normal terms of insurance, mutual fund or pension fund business. In particular, no account has been taken of liabilities in respect of pension entitlements, service contracts, leases and breaches of legislation, regulatory rules or guidance.
- 14 Assumptions are made about future experience, including economic and investment experience, tax. expenses, lapse rates, mortality and reinsurance. These assumptions have been made on the basis of reasonable estimates. However, actual future experience is likely to differ from these assumptions, due to random fluctuations, changes in the operating environment and other factors. Such variations in experience could have a significant effect on the results and conclusions of this letter. No warranty is given by Towers Watson that the assumptions made in this letter will be reflected in actual experience.
- 15 The results shown do not consider possible financial implications arising from the introduction of new regulatory reporting requirements which may, for example, increase the level of capital support required to sustain the business or constrain the way in which the assets are invested.

Yours sincerely

Felipe Gómez Rojas

X \Spain\Seguros\Compañias\Mapfre seguros\E\Review2011\Informe\Carta opinion\LetterE\/2011Mapfre v3.doc



Contents

- EEV analysis
- Towers Watson opinion letter
- 3 Methodological appendix
- Statistical appendix
- **5** Glossary



Covered business

- The 2011 embedded value was calculated for all business produced by MAPFRE VIDA and its subsidiaries consistent of the following blocks of business:
 - Life assurance (including complementary) and accidental death insurance businesses of MAPFRE VIDA, sold through the agents' channel
 - Life assurance (including complementary) and accidental death insurance businesses of MAPFRE-CAJA
 MADRID VIDA
 - Life assurance (including complementary), accidental death insurance and pension funds businesses of CATALUNYACAIXA, CCM VIDA Y PENSIONES, BANKINTER SEGUROS DE VIDA, UNIÓN DUERO VIDA and DUERO PENSIONES
 - Mutual funds and pension funds businesses of MAPFRE INVERSIÓN S.V., S.A., MAPFRE INVERSIÓN DOS, S.G.I.I.C., S.A. and MAPFRE VIDA PENSIONES, E.G.F.P., S.A. de Seguros, S.A. ("MAPFRE INVERSIÓN Y PENSIONES")

Non-covered business

 The MAPFRE Group operates Life Assurance business in several geographies which have not been included in the FFV calculation



Methodology

- The embedded value of the life assurance, accidental death insurance, mutual funds and pension funds businesses includes the adjusted net asset value and the value of in-force business, defined as follows:
 - Embedded value = Adjusted Net Asset Value + Value of In-Force Business
 - Adjusted Net Asset Value (ANAV) = Shareholders' equity at market value, adjusted to obtain the economic value of capital
 - Value of the In-Force Business (VIF) = PVIF TVFOG's CoC
- A bottom-up approach was followed to comply with EEVP, valuing separately each risk component in the business, since it was deemed that this methodology provides the most transparent information about shareholder value, better quantifies the risk in each product, differentiating between in-force and new business and is independent from the subjective choice of a set of financial return assumptions
- Adjusted Net Asset Value:
 - The Adjusted Net Asset Value or "ANAV" is equal to shareholders' equity as defined under IFRS, adjusted for: committed donations and dividends; goodwill; deferred expenses; and any other item needed to calculate the economic value of capital
- Present Value of In-force Business:
 - The Present Value of In-force Business or "PVIF" is determined as the present value of future statutory profits which are expected to be generated from the existing business in force at the valuation date, after tax and discounted using the euroswap curve. Investment returns for existing business have been calculated on the basis of the euroswap curve except for existing fixed interest assets backing the Life-Savings business, where book returns adjusted for credit risk based on historical transition matrices and defaults rates have been used. Life-Savings business VIF represents 8.7% of the total EEV. PVIF includes the intrinsic value of financial options and guarantees granted to the insured.
 - Financial returns on future investments have been calculated on the basis of the euroswap curve.



Credit risk allowance:

- In 2011, the spread of 10Y Spanish government bonds vs. the swap curve has increased to around 320 basis points. In our opinion this reflects the uncertainty concerning Spain's economic development, but not a manifest event with any of the Spanish State's outstanding debt instruments.
- Our Life-Savings business is covered in part by Spanish government bonds and, in our opinion, it is not significantly exposed to spread widening, since in its vast majority is a business where:
 - assets and liabilities are matched
 - assets are held over the lifetime of the commitments to cover best estimate liabilities
 - surrender values (prior to maturity) are equal to the market value of assets at the moment of said surrender plus, in some cases, a fee
- In addition, our Spanish Life assurance technical reserves are backed by a highly-rated fixed-income portfolio⁽¹⁾, split by credit ratings as follows⁽²⁾:

AAA: 10%AA : 61%A : 16%

- Although this portfolio is exposed to default risk, calculating whether and how the spread can be broken down into credit risk factors and other factors is difficult using forward looking information (e.g. yields available on various bond markets, bid-ask spreads, turnover information, CDS prices, credit ratings) as well as retrospective information (e.g. actual defaults). Both techniques present significant weaknesses. Based on these considerations, and for consistency with previous years EEV reporting, we have taken the same approach for credit risk as in the 2010 EEV in relation to existing fixed-income assets backing Life-Savings business:
 - Book returns have been adjusted for the expected default risk based on the last 10-year average historical default rates from <u>S&P</u>, stressed by a factor of 4.50x for year 2012 and 2.15x for 2013, to allow for a possible increase in default rates stemming from the global financial crisis. Moreover, the default assumption has been additionally adjusted by 1.50x to reflect the increase in the spread of the fixed income portfolio over the swap curve in 2011. This yields a deduction for expected default risk equivalent to an average annual rate of 15bp.
 - An implicit allowance for unexpected credit risk has been made in the CoC.
- In order to show the impact on the EEV results of a higher allowance for credit risk, we have provided a sensitivity analysis of a 25bp increase in the probability of default of the fixed income portfolio backing the Life-Savings business.



TVFOGs:

- Under EEVP, FOGs (Financial Options and Guarantees) are defined as those features of the covered business conferring potentially valuable guarantees underlying, or options to change, the level or nature of policyholders' benefits and exercisable at the discretion of policyholders, whose potential value is impacted by the performance of financial variables.
- The cost of FOGs is valued through the measurement of two different elements:
 - intrinsic value: the cost of FOGs under existing conditions at the valuation date
 - time value: the change in the cost of FOGs resulting from potential changes in policyholders' benefits that may occur throughout the life of the policy
- The intrinsic value of FOGs is already recognised implicitly in the calculation of the PVIF. It is therefore necessary to include the additional cost arising from the time value of FOGs (TVFOGs).
- TVFOGs was calculated for the main FOGs in the covered Life business. Specifically, the calculation focused on the TVFOGs corresponding to the guaranteed interest rate in with-profits products.
- The calculation of TVFOGs assumed the realisation of gains/losses on equity and property investments to:
 - minimise the impact of profit sharing on the Company's results; and
 - keep the asset mix close to its breakdown as at 31.12.2011
- TVFOGs is based on 2,000 stochastic simulations of market-consistent financial assumptions and is equal to the difference between the value of in-force business calculated under a deterministic approach and the average value of the in-force business calculated stochastically.



CoC:

- In line with market practices, the CoC used in the calculation of the 2011 EEV was measured by applying a 4% fixed rate to the minimum required solvency margin.
- This represents an allowance for frictional costs, non-hedgeable risks as well as unexpected credit risk which has not been considered in the value of in-force business.

With-profits business:

- MAPFRE's with-profits in-force business comprises products with the following features that are common in the Spanish insurance market:
 - A minimum return guarantee, ranging between 2.25% and 6% in the case of MAPFRE.
 - A profit-sharing mechanism defined as: X% of (Financial return minimum guaranteed return expense loadings) on the average mathematical reserve, which cannot be negative under any circumstance. X% varies by product, although it is equal to 90% in most cases. Financial returns and their volatility depend on the book returns of the assets backing the product, and is subject to some degree of discretion by management including, for instance, decisions on the realisation of gains/losses and on the asset mix.
- The combination of a minimum return guarantee and a profit-sharing mechanism that cannot yield negative results generates asymmetric flows for shareholders and, as a consequence, a positive time value of FOGs.



Look through EEVP:

- In order to assign correctly revenues and expenses to the businesses that generate them and measure the value of each block of business more consistently with its economic reality, the following adjustments were made:
 - The mutual funds business, as well as a part of pension funds and accidental death businesses, are sold through the distribution network of MAPFRE VIDA. The EEV and VNB of the aforementioned mutual funds, pension funds and accidental death businesses have been adjusted in order to include the net present value of the future profits/losses expected to arise in the distribution company from this business.
 - The assets of the Life assurance business are managed by MAPFRE INVERSIÓN Y PENSIONES. The EEV and VNB of the aforementioned Life assurance business have been adjusted in order to include the net present value of the future profits/losses expected to arise in the asset management company from this business.



- Value added by new business:
 - In Life assurance, new business is defined as single, extraordinary and regular premiums written in the year, as well as extraordinary contributions to existing policies. In the mutual funds business, new business is defined as new contributions. In the pension funds business, new business is defined as single, extraordinary and regular contributions from new participants, as well as extraordinary contributions from existing participants.
 - The value added by new business is the intrinsic value added by new business in the period, net of acquisition expenses, TVFOGs and CoC, valued at year-end using the assumptions applicable at that point in time.



Assumptions

Discount rate

Financial returns

- Existing assets

- Reinvestment yield

Maintenance expenses

Fees and commissions

Mortality, disability, surrenders and turnovers

Cost of capital

- Capital requirement

- Annual cost

Tax rate

Stochastic asset model

(TVFOGs)

2010 EEV

Euroswap zero-coupon curve as at 31/12/2010

1 year	1.31%
5 years	2.59%
10 years	3.47%
15 years	3.78%
20 years	3.82%

Euroswap curve rates except for existing fixed interest assets backing Life-Savings business, where book returns adjusted for credit risk based on historical transition matrices and defaults rates have been used

Based on the euroswap zero-coupon curve as at 31/12/2010

- Based on internal analyses

- Expressed in Euros per policy - Indexed to a 2.5% inflation

- There are no exceptional expenses to be excluded

Tables based on the company's

In line with the existing fee structure

own experience

100% of the minimum solvency margin

4% p.a.

30%

Market-consistent using swaption implied volatilities as at 31/12/2010

2011 FFV

Euroswap zero-coupon curve as at 31/12/2011

1 year	1.41%
5 years	1.75%
10 years	2.49%
15 years	2.84%
20 years	2.83%

Euroswap curve rates except for existing fixed interest assets backing Life-Savings business, where book returns adjusted for credit risk based on historical transition matrices and defaults rates have been used

Based on the euroswap zero-coupon curve as at 31/12/2011

- Based on internal analyses

- Expressed in Euros per policy

- Indexed to a 2.5% inflation

- There are no exceptional expenses to be excluded

In line with the existing fee structure

Tables based on the company's own experience

100% of the minimum solvency margin 4% p.a.

30%

Market-consistent using swaption implied volatilities as at 31/12/2011



Contents

- EEV analysis
- Towers Watson opinion letter
- Methodological appendix
- **Statistical appendix**
- **5** Glossary



Breakdown of the value added by new business

Breakdown by business line

	PVNBI ⁽¹⁾ VNB		3 ⁽²⁾ VN		B/PVNBI	
	2010	2011	2010	2011	2010	2011
Life Assurance:	3,021.3	2,857.6	208.7	233.2	6.9%	8.2%
- Agents' channel	731.6	1,101.7	34.9	46.1	4.8%	4.2%
- Bank channel	2,289.7	1,755.9	173.8	187.1	7.6%	10.7%
Mutual Funds	476.5	465.7	-2.9	-2.8	-0.6%	-0.6%
Pension Funds	551.4	554.5	14.8	7.1	2.7%	1.3%
- Agents' channel	322.3	237.6	11.6	4.1	3.6%	1.7%
- Bank channel	229.1	316.9	3.2	3.0	1.4%	0.9%
TOTAL	4,049.2	3,877.8	220.6	237.5	5.4%	6.1%

Breakdown by distribution channel

	PVNBI ⁽¹⁾ VNE		3 ⁽²⁾ VNB/		/PVNBI	
	2010	2011	2010	2011	2010	2011
Agents' channel	1,530.4	1,805.0	43.6	47.4	2.8%	2.6%
MAPFRE-CAJA MADRID VIDA	961.3	554.6	41.4	33.8	4.3%	6.1%
Other bank channels	1,557.5	1,518.2	135.6	156.3	8.7%	10.3%
TOTAL	4,049.2	3,877.8	220.6	237.5	5.4%	6.1%

¹⁾ Present Value of New Business Income

²⁾ Value added by New Business



Breakdown of 2011 change in EEV between ANAV and value of in-force business⁽¹⁾

	ANAV	Value of in-force business ⁽¹⁾	TOTAL
2010 EEV	777.4	1,713.1	2,490.5
Changes in assumptions	0.0	3.6	3.6
Expected return	254.8	-177.6	77.2
Value added by new business	-76.1	313.6	237.5
Deviation of actual value from expectations	7.3	-58.3	-51.0
Change in the TVFOGs ⁽²⁾	0.0	-63.0	-63.0
Value added in 2011	186.0	18.3	204.3
Changes in the model	0.2	50.0	50.2
Dividends paid and other items	-79.8	0.0	-79.8
Variation in intangible assets	5.1	0.0	5.1
Net Impact CCM and UD Takeover	58.7	0.0	58.7
Value in 2011 - aggregate	947.6	1,781.4	2,729.0
Consolidation adjustments	-402.5		-402.5
Value in 2011 - consolidated	545.1	1,781.4	2,326.5
RoEV ⁽³⁾	22.1%	1.0%	7.8%

Million Euros

27

²⁾ Not considering TVFOGs from new business, which are considered in the line "Value added by new business"



Breakdown of the sensitivity analysis

Sensitivity of the value of in-force business

	MAPFRE VIDA ⁽¹⁾	Bank channels - Other
Impact of:		
- 100bp increase in interest rates	-27.4	-33.2
- 10% decrease in the value of stocks and real estate	-25.5	1.2
- 10% decrease in expenses	19.8	13.5
- 10% decrease in the lapse rate	100.4	56.8
- 5% decrease in mortality and morbidity	-13.1	10.7
- 25bp increase in the defaut rates of the sovereign fixed income portfolio	-173.2	-24.4

Sensitivity of the value added by new business

	MAPFRE VIDA (1)	Bank channels - Other
Impact of:		
- 100bp increase in interest rates	-7.8	-9.1
- 10% decrease in the value of stocks and real estate	-1.6	0.0
- 10% decrease in expenses	2.8	1.5
- 10% decrease in the lapse rate	20.9	12.7
- 5% decrease in mortality and morbidity	-1.2	2.7

¹⁾ Includes the value of MAPFRE- CAJA MADRID VIDA business gross of minority interests



MAPFRE VIDA: reconciliation of the adjusted net asset value

Consolidated net assets for MAPFRE VIDA as at 31/12/11 (IFRS)	1,087.3
Unrealised gains	126.2
- of which: property	33.8
- of which: financial assets	92.4
Donations and dividends	0.0
Intangible assets	-669.8
Commissions and other acquisition costs net of taxes	0.0
Other	1.4
Adjusted consolidated net assets for MAPFRE VIDA as at 31/12/11 (1)	545.1



Units and operating companies included in the 2011 EEV

MAPFRE VIDA⁽¹⁾

	2010	2011
Adjusted Net Asset Value	366.0	545.1
Net PVIF - Life Assurance	814.3	870.6
- PVIF	987.1	1,061.3
- CoC	(172.8)	(190.7)
Net PVIF - Mutual Funds	108.1	78.4
- PVIF	109.4	79.5
- CoC	(1.3)	(1.1)
Net PVIF - Pension Funds	170.9	168.8
- PVIF	175.3	173.1
- CoC	(4.4)	(4.3)
TVFOGs	(39.9)	(96.5)
EEV	1,419.4	1,566.4
Initial capital used to calculate the CoC	590.2	607.2

OTHER BANK CHANNELS⁽²⁾

	2010	2011
Adjusted Net Asset Value	411.4	402.5
Net PVIF - Life Assurance	556.7	702.4
- PVIF	593.3	746.6
- CoC	(36.6)	(44.2)
Net PVIF - Mutual Funds	0.0	0.0
- PVIF	0.0	0.0
- CoC	0.0	0.0
Net PVIF - Pension Funds	107.2	74.7
- PVIF	119.8	89.2
- CoC	(12.6)	(14.5)
TVFOGs	(4.2)	(17.0)
EEV	1,071.1	1,162.6
Initial capital used to calculate the CoC	205.0	194.3

¹⁾ MAPFRE VIDA's EEV = Adjusted Net Asset Value (ANAV) + Value of in-force business (VIF), where the ANAV is reported on a consolidated basis net of minority interests and the VIF, which is added with no adjustment for the share of minority interests, includes the PVIF of the agents' channel and MAPFRE-CAJA MADRID VIDA

^{2) 100%} CX VIDA + 100% BANKINTER VIDA + 100% CCM VIDA y PENSIONES + 100% UNIÓN DUERO VIDA + 100% DUERO PENSIONES. Aggregate figures.



EEV 2011 MAPFRE S.A. - Domestic Life Assurance business

Aggregate⁽¹⁾

	2010	2011
Adjusted Net Asset Value	777.4	947.6
Net PVIF - Life Assurance	1,371.0	1,573.0
- PVIF	1,580.4	1,807.9
- CoC	(209.4)	(234.9)
Net PVIF - Mutual Funds	108.1	78.4
- PVIF	109.4	79.5
- CoC	(1.3)	(1.1)
Net PVIF - Pension Funds	278.1	243.5
- PVIF	295.1	262.3
- CoC	(17.0)	(18.8)
TVFOGs	(44.1)	(113.5)
EEV	2,490.5	2,729.0
Initial capital used to calculate the CoC	795.2	801.5

Consolidated⁽²⁾

	2010	2011
Adjusted Net Asset Value		545.1
Net PVIF - Life Assurance		1,573.0
- PVIF		1,807.9
- CoC		(234.9)
Net PVIF - Mutual Funds		78.4
- PVIF		79.5
- CoC		(1.1)
Net PVIF - Pension Funds		243.5
- PVIF		262.3
- CoC		(18.8)
TVFOGs		(113.5)
EEV		2,326.5
Initial capital used to calculate the CoC		801.5

³¹



Share of the parent company in the EEV

	MAPFRE stake	Parent company	Minority interests
ANAV			
ANAV ⁽¹⁾		545.1	
NET PVIF			
MAPFRE VIDA - AGENTS' CHANNEL	100.0%	869.3	0.0
MAPFRE - CAJA MADRID VIDA	51.0%	126.7	121.7
OTHER BANK CHANNELS ⁽²⁾	50.0%	388.6	388.6
TOTAL		1,384.6	510.3
TVFOGS			
MAPFRE VIDA - AGENTS' CHANNEL	100.0%	-92.7	0.0
MAPFRE - CAJA MADRID VIDA	51.0%	-2.0	-1.8
OTHER BANK CHANNELS(2)	50.0%	-8.5	-8.5
TOTAL		-103.2	-10.3
2011 EEV		1,826.5	500.0

¹⁾ Net of minority interests from subsidiaries consolidated by MAPFRE VIDA

²⁾ Includes BANKINTER VIDA, CCM VIDA Y PENSIONES, UNION DUERO VIDA, DUERO PENSIONES and CATALUNYACAIXA



Share of the parent company in the value added by new business

	MAPFRE stake	Parent company	Minority interests
Value added by new business			
MAPFRE VIDA - AGENTS' CHANNEL	100,0%	47,4	
MAPFRE - CAJA MADRID VIDA	51,0%	17,2	16,5
OTHER BANK CHANNELS(1)	50,0%	78,2	78,2
2011 Value added by new busines	S	142,8	94,7



Breakdown of the consolidated EEV 2011 attributable to the parent company

By line of business

	€ mill.	%	△ %
Adjusted Net Asset Value	545.1	29.8%	
Net PVIF ⁽¹⁾ - Life Assurance ⁽²⁾	1,100.1	60.2%	13.4%
- PVIF	1,279.2		13.2%
- CoC	(179.1)		12.0%
Net PVIF ⁽¹⁾ - Mutual Funds	78.4	4.3%	-27.5%
- PVIF	79.5		-27.3%
- CoC	(1.1)		-15.4%
Net PVIF ⁽¹⁾ - Pension Funds	206.2	11.3%	-8.2%
- PVIF	217.7		-7.4%
- CoC	(11.5)		8.5%
TVFOGs	(103.2)	-5.7%	155.4%
EEV 2011	1,826.5	100.0%	

By distribution channel

	€ mill.	%	△ %
Adjusted Net Asset Value	545.1	29.8%	
Net PVIF - Agents' channel	869.3	47.6%	3.2%
- PVIF	996.6		4.1%
- CoC	(127.3)		11.0%
Net PVIF - MAPFRE-CAJA MADRID VIDA	126.7	6.9%	-0.9%
- PVIF	161.8		0.9%
- CoC	(35.1)		8.0%
Net PVIF - Other bank channels	388.6	21.3%	17.1%
- PVIF	417.9		17.2%
- CoC	(29.3)		19.1%
TVFOGs	(103.2)	-5.7%	155.4%
EEV 2011	1,826.5	100.0%	

¹⁾ PVIF = "Present Value of In-Force business", reported on an aggregate basis and adjusted for the share of minority interests

²⁾ Includes the in-force values of the Life assurance and accidental death insurance businesses



Content

- EEV analysis
- Towers Watson opinion letter
- Methodological appendix
- Statistical appendix
- **5** Glossary



- The European Embedded Value Principles or "EEVP" are the principles that establish the methodology that must be applied in order to calculate the European Embedded Value. The EEVP were agreed upon by the CFOs of the multinational European insurers belonging to the "CFO Forum" in order to increase the comparability and transparency of the embedded value calculations carried out by insurance companies. The document that contains the EEVP can be obtained at the following Internet address: www.cfoforum.nl.
- The Adjusted Net Asset Value or "ANAV" is equal to the shareholders' equity as defined under IFRS adjusted for: unrealised gains or losses belonging to shareholders; committed donations and dividends; goodwill; deferred expenses; and any other item needed to calculate the economic capital.
- Financial Options and Guarantees or "FOGs" are those features of the covered business conferring potentially valuable guarantees underlying, or options to change, the level or nature of policyholder benefits and exercisable at the discretion of policyholders, whose potential value is impacted by the performance of financial variables.
- The Value of an Option is composed of two elements: the Intrinsic Value and the Time Value. In the case of a call option, the intrinsic value is equal to the difference between the price of the underlying asset and the strike price of the option (in the case of a put option the order of the difference is inverted). The intrinsic value cannot be less than zero. The time value is equal to the difference between the total value and the intrinsic value and it is ascribed to the potential for benefits under the option to increase in value prior to expiry.
- The Present Value of In-force Business or "PVIF" is determined as the present value of future statutory profits which are expected to be generated from the existing business in force at the valuation date, after tax and discounted using the euroswap curve. Investment returns for existing business have been calculated on the basis of the euroswap curve except for existing fixed interest assets backing Life-Savings business, where book returns adjusted for credit risk based on historical transition matrices and defaults rates have been used. PVIF includes the intrinsic value of financial options and guarantees granted to the insured.



- The Cost of Capital or "CoC" represents an allowance for frictional costs, non-hedgeable risk as well as unexpected credit risk which has not been considered in the value of in-force business. The CoC used in the calculation of the 2011 EEV was measured on the basis of an amount of capital equal to 100% of the minimum regulatory requirement.
- The Value of In-force Business or "VIF" is equal to: PVIF Time Value of FOGs ("TVFOGs") CoC.
- The European Embedded Value or "EEV" is the embedded value calculated in accordance with "European Embedded Value Principles". EEV is equal to: ANAV + VIF.
- Embedded value earnings are defined as the change in embedded value during the period, including dividends paid and excluding capital injections, and provide a measure of the economic performance during the year.
- Changes in Assumptions are changes in the future experience assumed in the calculation of the present value of in-force business, including economic, expense, lapse and mortality assumptions.
- The Expected Return on the Beginning of the Year Embedded Value is equal to the actual after-tax investment return on the beginning-of-the-year adjusted net asset value less the cost of capital, plus the return, at the discount rate, on the beginning-of-the-year value of the in-force business and capital.
- Deviation of Actual Value from Expectations arise mainly from the variance between the actual experience during the year and the assumed experience used to calculate the beginning-of-the-year embedded value.
- The Return on Embedded Value or "RoEV" is obtained by dividing the value added in the year by the embedded value at the close of the previous year.



- New Business is defined as: in the case of Life assurance, single, extraordinary and regular premiums from policies written in the year, as well as extraordinary contributions to existing policies; in the case of Mutual Funds, new contributions; in the case of Pension Funds, single, extraordinary and regular contributions from new participants, as well as extraordinary contributions from existing participants.
- The Present Value of New Business Income or "PVNBI" corresponds to: in the case of Life assurance, the present value of received and expected premiums from new business; in the case of Mutual Funds, contributions received in the year; and in the case of Pension Funds, contributions received in the year and expected from new business.
- The Value added by New Business or "VNB" is the intrinsic value added by new business in the period, net of acquisition expenses, TVFOGs and CoC, valued at year-end using the assumptions applicable at that point in time.



Disclaimer

This document is purely informative. Its content does not constitute, nor can it be interpreted as, an offer or an invitation to sell, exchange or buy, and it is not binding on the issuer in any way. The information about the plans of the Company, its evolution, its results and its dividends represents a simple forecast whose formulation does not represent a guarantee with respect to the future performance of the Company or the achievement of its targets or estimated results. The recipients of this information must be aware that the preparation of these forecasts is based on assumptions and estimates, which are subject to a high degree of uncertainty, and that, due to multiple factors, future results may differ materially from expected results. Among such factors, the following are worth highlighting: the development of the insurance market and the general economic situation of those countries where the Group operates; circumstances which may affect the competitiveness of insurance products and services; changes in the basis of calculation of mortality and morbidity tables which may affect the insurance activities of the Life and Health segments; frequency and severity of claims covered; effectiveness of the Groups reinsurance policies and fluctuations in the cost and availability of covers offered by third party reinsurers; changes in the legal environment; adverse legal actions; changes in monetary policy; variations in interest rates and exchange rates; fluctuations in liquidity and the value and profitability of assets which make up the investment portfolio; restrictions in the access to third party financing.

MAPFRE S.A. does not undertake to update or revise periodically the content of this document.