IFRS 9 – Revisions to the Accounting of Financial Instruments

Main aspect

IAS 39 – Categorization:

There are four different categories and generous options for reclassification. The aim of IFRS 9 is to reduce complexity and to improve the decision-making benefits for the addressee of the annual accounts.

IFRS 9 – Categorization:

Financial assets are classified according to • The business model

- The characteristics of the receivable cash flows
- There are two basic categories
- Amortized costs
- Fair value (through OCI & P&L)

Reclassification

Only valid reason: changes in the business model

	Amortized costs					
•	 Measurement at fair value on the reclassification key date The difference has to be recognized in the profit and loss statement 					
	Fair value ————————————————————————————————————					
•	Fair value on the reclassification key date is the new book					

- The reclassification key date is always the first day of the
- accounting period starting after the change of the business model

Categorization

Classification into four categories



Embedded derivatives

Embedded derivatives are components of a structured instrument consisting of a non-derivative host contract and a derivative. Contrary to IAS 39, the derivative is not recognized separately from its financial asset host. Instead, under IFRS 9, the overall contract is recognized. In most cases this will lead to a measurement at fair value through profit or loss. In case of a non-financial host contract or financial liability, the accounting of the embedded derivative is still effected in accordance with IAS 39.

Dissolution and

recognitior in P&L

End of maturit

End of maturity

P&L amortisation

over the remaining

maturity

Hedged item

volumne of the hedging item

increase or reduction of the designated

ineffective

Our software solution

premium/

time value

Payed

premium/

time value

Beneficial for

banks with

- Allocation of financial instruments to the defined IFRS categories
- Definition of the categorization rules through a graphical user interface
- Identification of conflicts and discrepancies in the categorization rules
- Audit-proof recording of all settings



Hedge Accounting

The treatment of the FX-basis as costs when designating a cross-currency swap

corresponds to the economic idea of an insurance premium

Cumulated

losses into

umulated

Cumulated

Cumulated losses into OCI

One-sided risks

Forward risks

Cross-currency risks

Rebalancing and omission of the

ineffectivity in the next profit and loss for the period

0 - 500.000 500.000 100% -500.000 0 0

500.000 77,8%

retrospective test

effectivity

(after rebalan-

cing)

Beneficial

for banks

with ..

Increase or reduction of the designated

volumne of the hedging instrument

gains into OCI

Adjustment of the hedge ratio during the ongoing hedge relationship to improve hedge

Example: Fair value hedge of a bond by means of a interst rate swap

- 500.000 500.000 100% -590.000 70.000 -90.000 70.000 78% 🖓

-459.020 70.000 -70.020 70.000 100%

Rebalancing has only prospective impact \rightarrow direct recognition of the accumulated

gains into OCI

Separation of time value of options, spot leg of

forwards and FX-basis of the cross-currency swaps

Core aspect

IAS 39 – Hedge accounting: Focus on balance sheet, only limited coverage of economic risk hedging under IAS 39 provisions

IFRS 9 – Hedge accounting: Economic focus, aimed at an integrated view on risk management up to financial reporting hedge accounting

On effective date of first application of IFRS 9, an entity may choose to apply IAS 39 hedge accounting instead

Application of IAS 39 interst rate risk portfolio FVHA still allowed

Better representation of RM-strategies by extending the set of eligible hedged items



Your contacts at zeb:

Detlev Ahrens Senior Manager



-389.000

Frank Kathage Head of Sales zeb.control

De-designation and re-designation under IAS 39 would

result in P&L amortisation of 90.000 instead of 19.980

Designation of risk components of nonfinancials



Our software solution

- Implementation of all variants under IFRS 9 general hedge accounting
- Integrated simulation and decisionmaking model for ALM and hedge accounting
- Process support and extensive reporting functions



item do not offset exactly Proxy hedging

Hedge relations where hedging instrument and hedged



Main aspect

IAS 39 – measurement: Assets and liabilities are to be valued according to their categorization.

IFRS 9 – measurement:

Managed portfolios

Management of market

or credit risks at portfolio level on net basis

Reporting at portfolio

level to key management

positions

Measurement of the portfolio at fair value at

the end of each reporting

period

• Possibility to calculate the fair

value at portfolio level

But: no net accounting

Core aspects

cyclical lending

IAS 39 – Incurred loss model:

loss has acutally been incurred

IFRS 9 – Expected loss model:

and to an insufficient extent

yes

ves

yes

Financial instruments are also to be valued according to their categorization. In general, measurement is at (amortized) cost or as (other liability" (through effective interest, if applicable) or at fair value.

no

Individual

valuation of

the financial

instruments

Prohibition

valuation

of net

Measurement



Fair value = Selling/transfer price for an asset/liability in a regular transaction under current marke economically acting market participants in the principal market

Non-performance risk in fair value

Liabilities	Own credit spread	 The price of a liability needs to reflect ist solvency Separately contacted guarantees must not be included With fair value liabilities, the effect of the own solvency
	CVA	 The counterparty risk must be included in the fair value It has a lowering effect on the price Changes have a direct effect on the P&L statement
Derivatives	DVA	 The own credit risk must also be included in the fair value It has an increasing effect on the price Changes have a direct effect on the P&L statement
	FVA	 The funding costs should also be included in the fair val It has a lowering effect on the price Changes have a direct effect on the P&L statement

Our software solution

• Supports all IFRS-relevant measurement methods (amortization at a constant effective interest rate, conncetion to an external price feed, mark-to-model valuation)

• Covers a broad product range in the customer business as well as in propietary trading

Impairment





1) Risk provision

Hedging of

fluctuation

currency

Hammer Straße 165 48153 Münster, Germany

Phone +49.251.97128.0 E-mail accounting@zeb.de

© zeb

IFRS 9: Incurred vs. expected loss model

Good boo

Bad bool

t (deterioration of

credit quality)

D x PD x LGD x L

Bad Book: EWB/pEWB

Lifetime EL (DCF)

Good Book: PoWB (1vr Param,);

ces in active markets for identical
the entity can access at the

oservable input factors ≠ level 1:				
milar assets/liabilities				
credit spreads, implied volatilities				

h input parameters not directly ket	
t conditions between	

in	the	price

usually	has	an	impact	on	oc
				• • •	

u	е	

-	•	

Activate the



calculation model

Our software solution

- Customized configuration of the stage allocation process
- Calculation of EL/ELL on single contract level based
- on CFs and parameters Comprehensive options for
- reporting and simulations over the course of time



Consequences

Challenges

- Analysis of business models and portfolios as to the necessity of using the fair value approach and of the discretion available for AC measurement
- The classification is usually carried out at portfolio level – this mostly being the financial & risk management level of credit institutions. The aggregation of portfolios is possible, as long as this is compliant with the financial and risk management.
- Analysis of contractual CF characteristics

Approach

- Flexible simulation and pricing of the product portfolio to be calculated
- Identification of conflicts and discrepancies in the categorization rules

Challenges

- Analysis of the existing loan contracts for the determination of fair value using the DCF method or a suitbale model
- In the FV measurement, the solvency of the parties involved in the contract of a financial instrument has to be taken into account

Approach

Re-usable standard valuation algorithms (functional modules) of zeb or specific ones of the client

Challenges

- The closer relation to risk management/treasury leads to improved realization capacities in hedge accounting, i.e. a stronger link to economic management possible
- Examination of the applicability of methods and parameters from risk controlling

Approach

Early analysis and simulation to assess the possible impact (positive/negative) of hedge accounting when changing to IFRS 9 general hedge accounting

Challenges

- Early conception and implementation of the EL/ELL-based impairment model, perform impairment simulations for managing future P&L volatility & creation of transparency about the first-time adoption effect
- Review and follow-up checks of periodic changes of the credit quality for purposes of (re-)allocation via the three-stage logic

Approach

- Institution-specific definition of stage-transfer criteria depending on borrower groups, volumes, days in arrears, etc.
- Development of appropriate calculation models for EL/ELL and analysis of quantitative impacts





www.zeb-control.com/de-DE/accounting