

# Garfunkelux Holdco 2 S.A.

## Accounting Teach-In Session

March 15<sup>th</sup>, 2017





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**Claire Johnson**  
**Group Financial Controller**

- Joined the Group in June 2015
- Qualified with Deloitte 1997
- c. 20 years experience
- Experience of working in Financial Services and International FTSE/AIM listed Plc's



**Jon Trott**  
**Head of Investor Relations**

- Joined the Group in October 2013
- 11 years of Financial Services experience
- Previously with HSBC, Santander and General Electric



**How do I differentiate between income from portfolio investments and portfolio write-up?**

**How do you calculate amortisation?**

**What assumptions do you make to derive your quoted ERC replacement rate figure?**

**How does Operating Profit walk to Cash EBITDA?**

**How does quoted NPL portfolio acquisitions tie to the Cash-Flow statement?**



**I. “GH2” Income Statement – A Walk Through**

**II. IFRS Accounting – Amortised Cost (EIR)**

**III. ERC Replacement Rate**

**IV. Key Reconciliations**

**V. Future Reporting**

**VI. Q&A**



# I. “GH2” Income Statement – A Walk Through

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# Garfunkelux Holdco 2 S.A. Income Statement

## A Walk-Through



3 months to 30 September 2016	£000
<b>Revenue</b>	
Income from portfolio investments	50,885
Portfolio write up	33,992
Portfolio fair value release	(857)
Service revenue	41,250
Other revenue	746
<b>Total Revenue</b>	<b>126,016</b>
Other income	1,419
<b>Operating expenses</b>	
Collection activity costs	(49,477)
Other expenses	(36,367)
<b>Total operating expenses</b>	<b>(85,844)</b>
<b>Operating profit</b>	<b>41,591</b>
Interest income	282
Finance costs	(31,963)
<b>Profit / (loss) before tax</b>	<b>9,910</b>
Tax expense	(2,208)
<b>Profit / (loss) for the period</b>	<b>7,702</b>



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# IFRS Accounting – Amortised Cost (EIR)

## Setting The Scene – Our Income Statement And Balance Sheet



### Income Statement

3 months  
to 30 September  
2016  
£000

#### Continuing operations

##### Revenue

Income from portfolio investments.....	50,885
Portfolio write up.....	33,992
Portfolio fair value release.....	(857)
Service revenue.....	41,250
Other revenue.....	746
<b>Total Revenue.....</b>	<b>126,016</b>

Other income..... 1,419

##### Operating expenses

Collection activity costs.....	(49,477)
Other expenses.....	(36,367)
<b>Total operating expenses.....</b>	<b>(85,844)</b>

**Operating profit/(loss)..... 41,591**

### Balance Sheet

30 September 2016  
£000

#### Assets

##### Non-current assets

Goodwill.....	1,008,472
Intangible assets.....	133,251
Property, plant and equipment.....	8,967
Portfolio investments.....	431,824
Other financial assets.....	3,313
<b>Total non-current assets.....</b>	<b>1,585,827</b>

##### Current assets

Portfolio investments.....	324,225
Inventories.....	8
Trade and other receivables.....	43,728
Other financial assets.....	13,113
Assets for current tax.....	1,199
Cash and cash equivalents.....	88,911
<b>Total current assets.....</b>	<b>471,184</b>

**Total assets..... 2,057,011**

The entries shown on the face of the financial statements when accounting for acquired portfolio investments under IAS39

# IFRS Accounting – Amortised Cost (EIR)

## Establishing The Effective Interest Rate



- The EIR is the rate that exactly discounts estimated future cash receipts of the acquired portfolio asset to the net carrying amount at initial recognition (i.e. the price paid to acquire the asset)
- These estimated future cash receipts are reflective of the conditions within each market the Group operates and range from 84 months (UK) to 120 months (DACH)
- A simplified worked example...

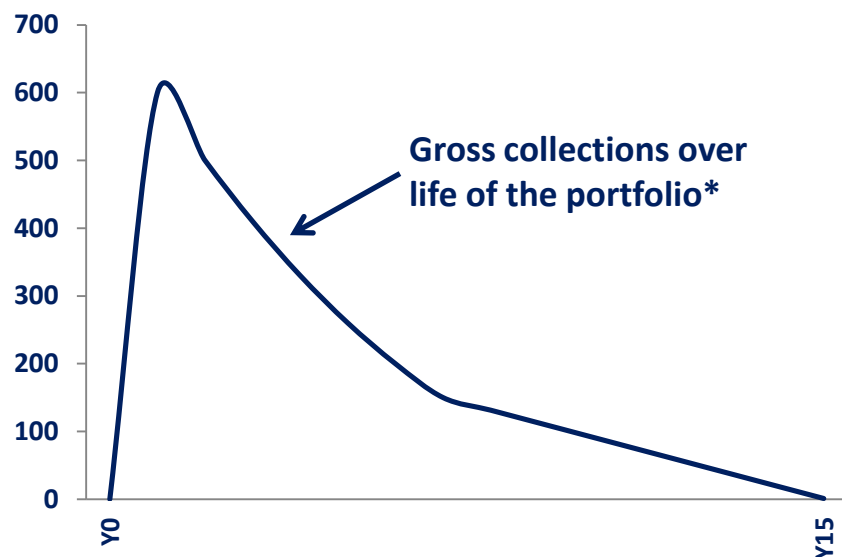
	£	
Year 0 (Day 1)	(1,000)	→ In this example, this is purely the purchase price of the portfolio
Year 1	600	→ Gross collections over 84 months
Year 2	500	
Year 3	410	
Year 4	330	
Year 5	260	
Year 6	200	
Year 7	150	
<b>EIR (annual)</b>	<b>40.5%</b>	→ 40.5% being the rate that exactly discounts the gross collections back to the £1,000 purchase price



Acquired portfolio investments are a financial asset (“contractual right to receive cash”)

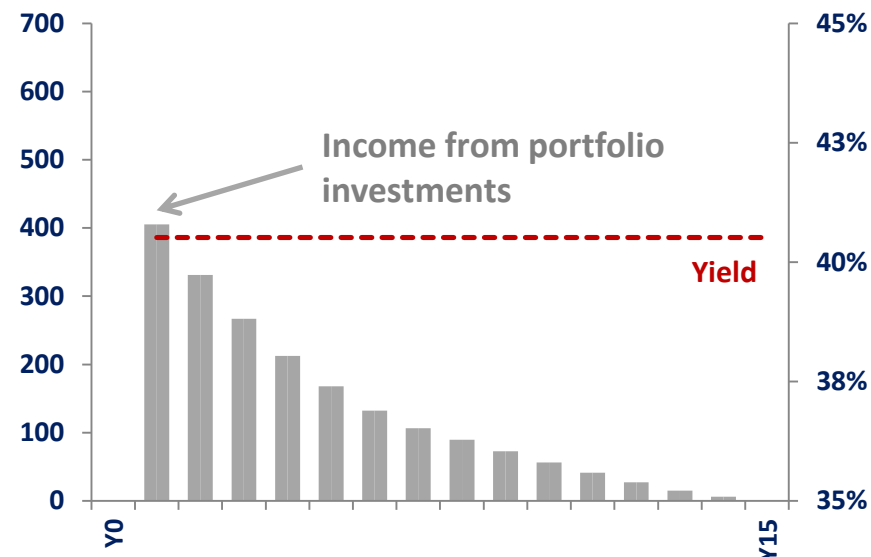
### Cash Recognition

- Given nature of these portfolio investments (Non-Performing Loans), typically cash profiles are front-end loaded



### Amortised Cost, EIR Recognition

- Under EIR, we recognise a constant yield over the life of the portfolio



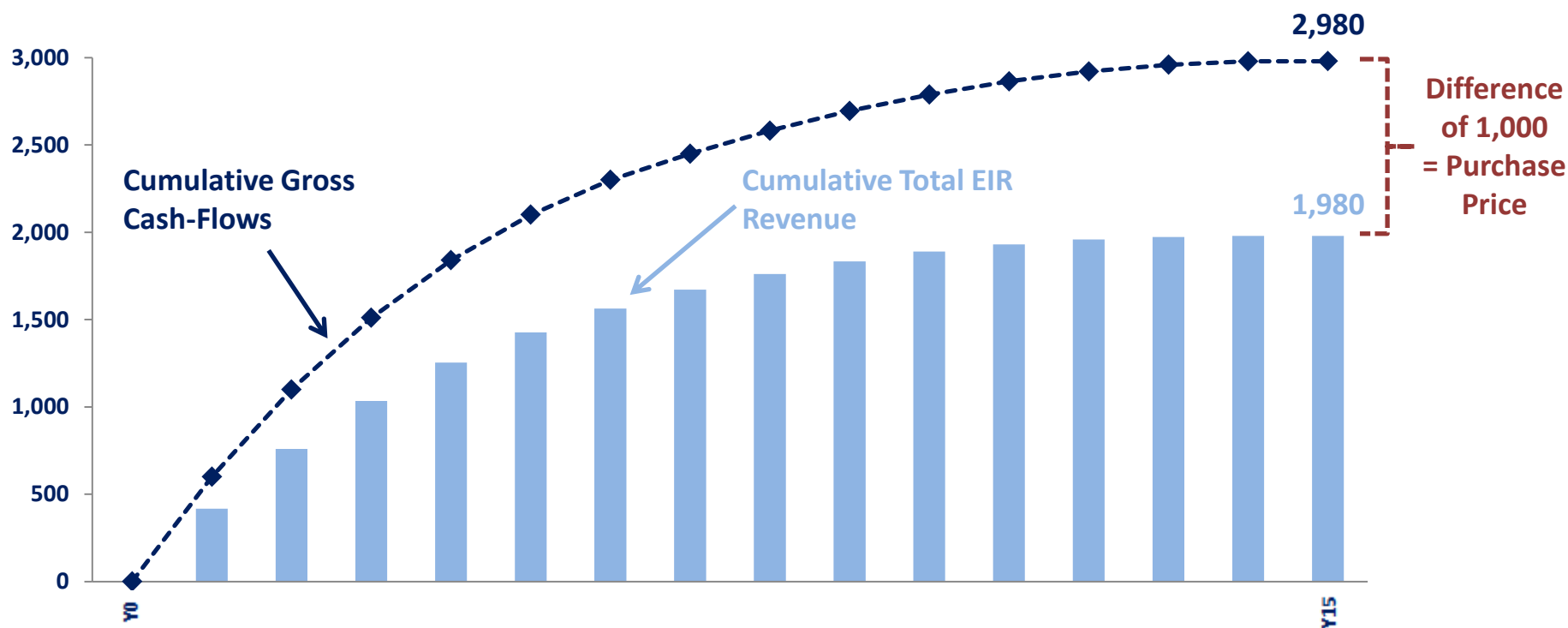
\* For the purposes of this simplified illustration, we have assumed a portfolio with a 15 year life i.e. no further collections expected after 15 years

# IFRS Accounting – Amortised Cost (EIR)

## Interpreting The Underlying Principles



Over the life of the portfolio...  
**Cumulative Gross Cash-Flows Less Purchase Price = Cumulative Total EIR Revenue**



**Cumulative Gross Cash-Flows** = Gross collections over life of the portfolio

**Cumulative Total EIR Revenue** = Income from portfolio investments plus Portfolio write-up over life of the portfolio

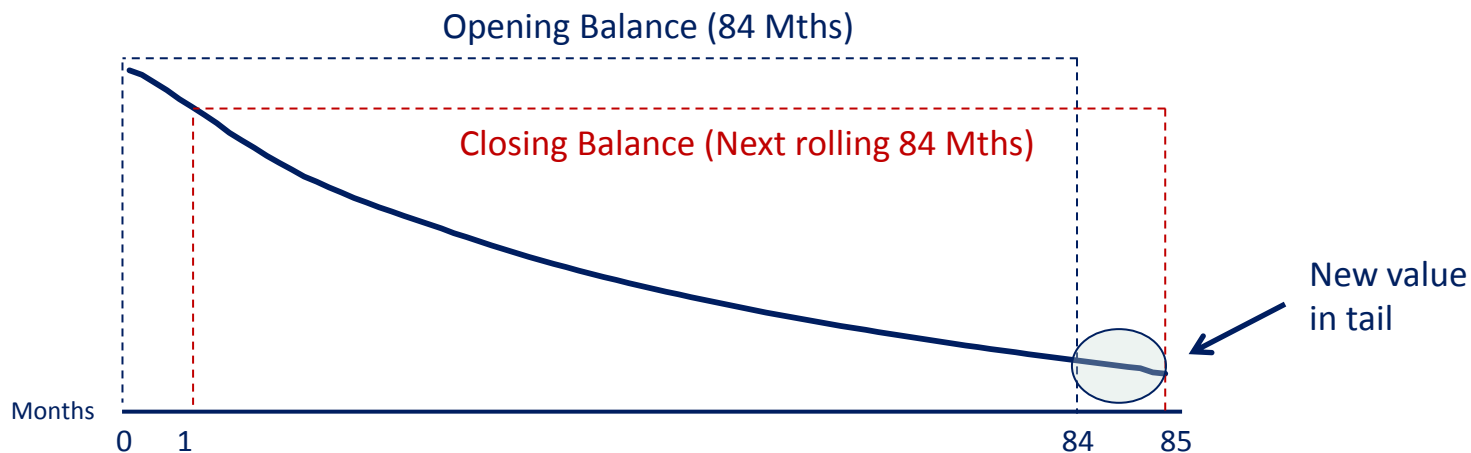


### Drivers of “Revaluations” – Two Main Components

#### 1. Time Period Roll-Forward – Static Curve

A ‘mechanical’ calculation that drives revaluation through rolling-in the value present in the tail of the collections curve (the 85<sup>th</sup> / 121<sup>st</sup> month)

#### Rolling 84 Month Example...





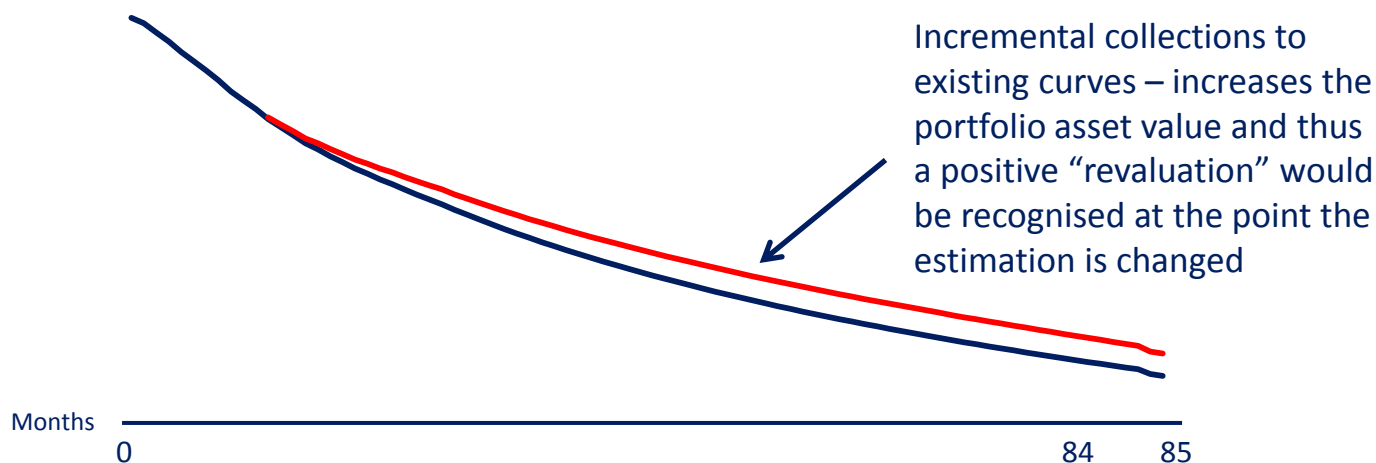
### Drivers of “Revaluations” – Two Main Components

#### 2. Revaluation from Incremental Collections

- A period of over-or under-performance versus collections expectations leading to an uplift or reduction in expected collections
- An on-going focus across the Group to drive sustainable incremental collections from paying or non-paying accounts by leveraging continuous improvements

**A period of collections over-or under-performance leading to an adjustment in the carrying value of the portfolio by revising the estimated cash flows**

#### Incremental Collections Uplift...



# IFRS Accounting – Amortised Cost (EIR)

## Initial & Subsequent Recognition



- Based on our illustrative simplified portfolio...

	£					
Purchase price	1,000					
Portfolio EIR	40.5%					
	Y0	Y1	Y2	Y3	Y4	Y5
Portfolio investment (opening asset value)	0	1,000	817	659	524	414
Gross collections		(600)	(500)	(410)	(330)	(260)
Purchase price	1,000					
Income from portfolio investments		405	331	267	212	168
Portfolio write-up		12	10	9	7	5
Portfolio investment (closing asset value)	1,000	817	659	524	414	327

- Year 0 (Day 1);
  - Asset recognised equal to the purchase price
- Year 1 (and subsequent points);
  - Asset value recorded represents the next 84 months gross collections discounted using the portfolio's specific EIR rate
  - Actual gross collections netted off
  - Two items are recorded on the income statement;
    - Income from portfolio investments ("Yield") being the opening asset value multiplied by the portfolio's specific EIR
    - Portfolio write-up ("Revaluation")



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# ERC Replacement Rate

## A Walk-Through



### ERC Replacement Rate Formula (£m)

$$\text{Replacement Rate} = \frac{\text{0 to 12m collections}^{\text{A}} - \text{roll forward collections}^{\text{B}}}{\text{Gross Money Multiple}^{\text{C}}}$$

$$\text{Replacement Rate} = \frac{331 - (46 + 8)}{2.3x}$$

$$\text{Replacement Rate} = c. 120$$

### OM Extract (14 Sept 2016), page 45

ERC by Year as of June 30, 2016	Lowell ERC <sup>(1)</sup>	GFKL ERC <sup>(2)(3)</sup> (in £ millions) (unaudited)	Group ERC <sup>(4)</sup>
0 - 12 months	256	75	331
13 - 24 months	192	57	249
25 - 36 months	150	46	196
36 - 48 months	119	39	158
49 - 60 months	99	33	132
61 - 72 months	86	29	115
73 - 84 months	75	25	100
85 - 96 months	66	22	88
97 - 108 months	58	19	77
109 - 120 months	51	16	67
121 - 132 months	—	14	14
133 - 144 months	—	12	12
145 - 156 months	—	11	11
157 - 168 months	—	10	10
169 - 180 months	—	9	9
<b>Total ERC</b>	<b>1,152</b>	<b>417</b>	<b>1,569</b>

### Notes

- A** 0-12m collections of £331m sourced from reported ERC profile in the latest OM
- B** Roll forward collections of the current ERC is calculated assuming the same decay rate as last period;
  - Lowell:  $51 * (51/58) = £46m$
  - GFKL:  $9 * (9/10) = £8m$
- C** We assume a blended Gross Money Multiple (GMM) based on our more recent vintages
  - With GMM calculated as;
 
$$\frac{\text{Actual collections to date} + 120m \text{ Gross ERC}}{\text{Purchase price}}$$



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### EIR – Portfolio Amortisation

- Quite simply the difference between
  - Gross collections for the period and;
  - ‘Income from portfolio investments’ (“Yield”)
- Using our illustrative simplified portfolio...

Y1

Gross collections                      ③   600

#### Income Statement

Income from portfolio investments                      ④   405

Portfolio write-up    12

***Portfolio Amortisation***                      (③ - ④)   195

- Important to remember that amortisation is a backward looking metric

# Key Reconciliations – Cash EBITDA

Based On Q3-16 Results



## GH2 Q3-16 Interim Financials, P19

### Operating Profit to Cash EBITDA

3 months to 30 September 2016 £000	
<b>Operating Profit to Cash EBITDA</b>	
Operating profit.....	41,591
Portfolio amortisation.....	55,872
Portfolio write up.....	(33,992)
Portfolio fair value adjustment.....	857
Direct write-down of portfolios.....	164
Non recurring costs / exceptional costs.....	1,690
Depreciation and amortisation.....	3,265
<b>Cash EBITDA.....</b>	<b>69,447</b>

- i Add back;
  - Portfolio Amortisation to derive Cash collections on owned assets
- Deduct;
  - Portfolio write-up (non-cash item)

### Cash Collections to Cash EBITDA

3 months to 30 September 2016 £000	
<b>Cash Collections to Cash EBITDA</b>	
Cash collections .....	106,757
Other income.....	43,415
Operating expenses.....	(85,844)
Non recurring costs / exceptional costs.....	1,690
Direct write-down of portfolios.....	164
Depreciation and amortisation.....	3,265
<b>Cash EBITDA.....</b>	<b>69,447</b>

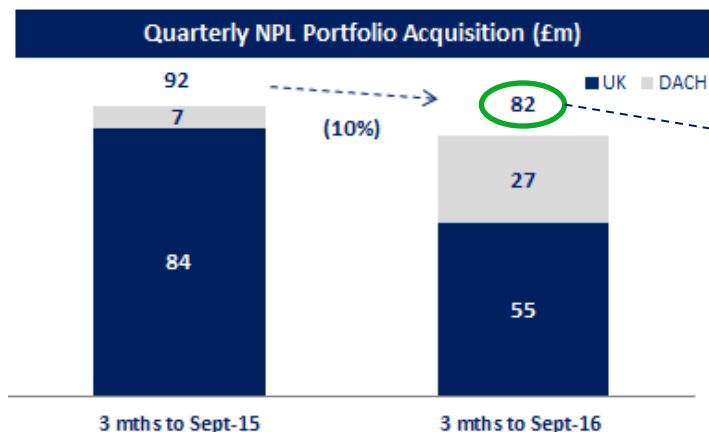
- ii Add back (consistent across both walks);
  - Non-cash items
  - Non-recurring items
- iii Walk starts from a cash basis

# Key Reconciliations – NPL Acquisitions

Based On Q3-16 Results



## GH2 Q3-16 Investor Presentation, P10



## GH2 Q3-16 Interim Financials, P17 (Note 3)

3. Portfolio investments	30 September 2016 £000
Opening balance.....	688,159
Portfolios acquired during the period.....	63,777
Portfolios acquired through acquisition of subsidiary.....	18,336
Collections in the period.....	(106,757)
Income from portfolio investments.....	50,885
Portfolio fair value release.....	(857)
Portfolio write-up.....	33,992
Write down of non-performing loans.....	(164)
Other.....	8,678
	<b>756,049</b>

Net Movement of £67,890k

## GH2 Q3-16 Interim Financials, P11 (Cash-flow statement)

	3 months to 30 September 2016 £000
Profit/(loss) for the period before tax .....	9,910
Adjustments for:	
Depreciation and amortisation.....	3,265
Interest receivable.....	(282)
(Profit)/Loss on sale of property, plant and equipment and intangible as	5
Finance costs.....	31,963
Unrealised gains from foreign exchange.....	(2,265)
Increase in portfolio investments.....	(44,644)
Increase in trade and other receivables.....	(3,624)
Increase in trade and other payables.....	5,313
Movement in other net assets.....	1,246
Cash generated by/(used) in operating activities.....	887

## Reconciliation

	£k
Net Movement (Note 3)	67,890
Deduct;	
- Portfolios acquired through acquisition of subsidiary	(18,336)
- Other – FX	(4,910)
Increase in portfolio investments	44,644



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### Three Main Areas

1. Classification and Measurement
  - a) Fair Value Through P&L
  - b) Fair Value Through Other Comprehensive Income
  - c) Valuation at Amortised Cost
2. Impairment
3. Hedging



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