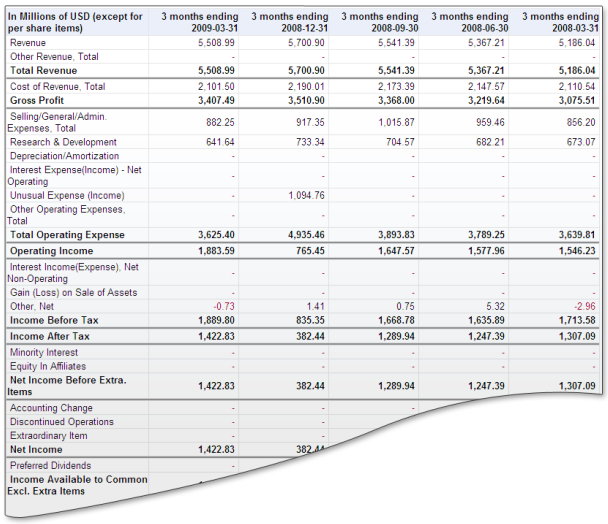
XBRL

eXtensible Business Reporting Language

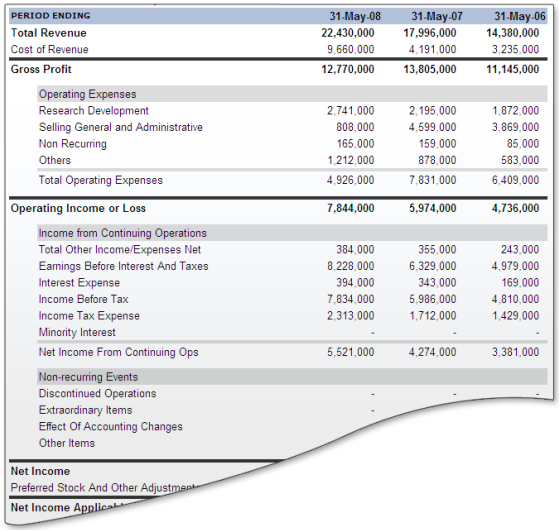
DEFINITION

XBRL (eXtensible Business Reporting Language) is a language for the electronic communication of business and financial data. The idea behind XBRL is simple: instead of treating financial information as a block of text, it provides an identifying tag for each individual item of data.

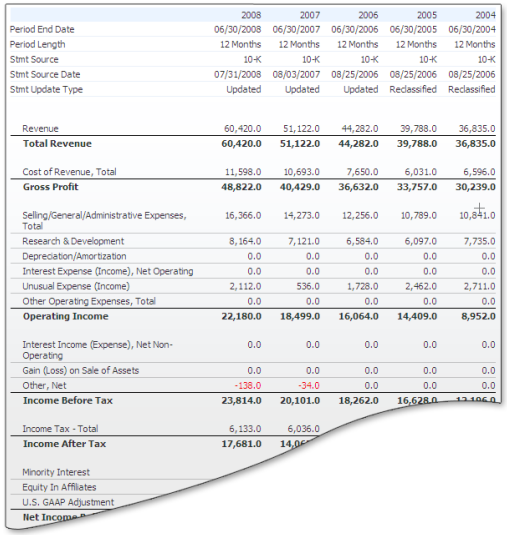
TODAY



In Millions of USD (except for per share items)	3 months ending 2009-03-31	3 months ending 2008-12-31	3 months ending 2008-09-30	3 months ending 2008-06-30	3 months ending 2008-03-31
Revenue	5,508.99	5,700.90	5,541.39	5,367.21	5,186.04
Other Revenue, Total	-	-	-	-	-
Total Revenue	**5,508.99**	**5,700.90**	**5,541.39**	**5,367.21**	**5,186.04**
Cost of Revenue, Total	2,101.50	2,190.01	2,173.39	2,147.57	2,110.54
Gross Profit	**3,407.49**	**3,510.90**	**3,368.00**	**3,219.64**	**3,075.51**
Selling/General/Admin. Expenses, Total	882.25	917.35	1,015.87	959.46	856.20
Research & Development	641.64	733.34	704.57	682.21	673.07
Depreciation/Amortization	-	-	-	-	-
Interest Expense(Income) - Net Operating	-	-	-	-	-
Unusual Expense (Income)	-	1,094.76	-	-	-
Other Operating Expenses, Total	-	-	-	-	-
Total Operating Expense	**3,625.40**	**4,935.46**	**3,893.83**	**3,789.25**	**3,639.81**
Operating Income	**1,883.59**	**765.45**	**1,647.57**	**1,577.96**	**1,546.23**
Interest Income(Expense), Net Non-Operating	-	-	-	-	-
Gain (Loss) on Sale of Assets	-	-	-	-	-
Other, Net	-0.73	1.41	0.75	5.32	-2.96
Income Before Tax	**1,889.80**	**835.35**	**1,668.78**	**1,635.89**	**1,713.58**
Income After Tax	**1,422.83**	**382.44**	**1,289.94**	**1,247.39**	**1,307.09**
Minority Interest	-	-	-	-	-
Equity In Affiliates	-	-	-	-	-
Net Income Before Extra. Items	**1,422.83**	**382.44**	**1,289.94**	**1,247.39**	**1,307.09**
Accounting Change	-	-	-		
Discontinued Operations	-	-			
Extraordinary Item	-	-			
Net Income	**1,422.83**	**382.44**			
Preferred Dividends	-				
Income Available to Common Excl. Extra Items					



PERIOD ENDING	31-May-08	31-May-07	31-May-06
Total Revenue	**22,430,000**	**17,996,000**	**14,380,000**
Cost of Revenue	9,660,000	4,191,000	3,235,000
Gross Profit	**12,770,000**	**13,805,000**	**11,145,000**
Operating Expenses			
Research Development	2,741,000	2,195,000	1,872,000
Selling General and Administrative	808,000	4,599,000	3,869,000
Non Recurring	165,000	159,000	85,000
Others	1,212,000	878,000	583,000
Total Operating Expenses	4,926,000	7,831,000	6,409,000
Operating Income or Loss	**7,844,000**	**5,974,000**	**4,736,000**
Income from Continuing Operations			
Total Other Income/Expenses Net	384,000	355,000	243,000
Earnings Before Interest And Taxes	8,228,000	6,329,000	4,979,000
Interest Expense	394,000	343,000	169,000
Income Before Tax	7,834,000	5,986,000	4,810,000
Income Tax Expense	2,313,000	1,712,000	1,429,000
Minority Interest	-	-	-
Net Income From Continuing Ops	5,521,000	4,274,000	3,381,000
Non-recurring Events			
Discontinued Operations	-	-	-
Extraordinary Items	-		
Effect Of Accounting Changes			
Other Items			
Net Income			
Preferred Stock And Other Adjustment			
Net Income Applicable			



	2008	2007	2006	2005	2004
Period End Date	06/30/2008	06/30/2007	06/30/2006	06/30/2005	06/30/2004
Period Length	12 Months	12 Months	12 Months	12 Months	12 Months
Stmt Source	10-K	10-K	10-K	10-K	10-K
Stmt Source Date	07/31/2008	08/03/2007	08/25/2006	08/25/2006	08/25/2006
Stmt Update Type	Updated	Updated	Updated	Reclassified	Reclassified
Revenue	60,420.0	51,122.0	44,282.0	39,788.0	36,835.0
Total Revenue	**60,420.0**	**51,122.0**	**44,282.0**	**39,788.0**	**36,835.0**
Cost of Revenue, Total	11,598.0	10,693.0	7,650.0	6,031.0	6,596.0
Gross Profit	**48,822.0**	**40,429.0**	**36,632.0**	**33,757.0**	**30,239.0**
Selling/General/Administrative Expenses, Total	16,366.0	14,273.0	12,256.0	10,789.0	10,841.0
Research & Development	8,164.0	7,121.0	6,584.0	6,097.0	7,735.0
Depreciation/Amortization	0.0	0.0	0.0	0.0	0.0
Interest Expense (Income), Net Operating	0.0	0.0	0.0	0.0	0.0
Unusual Expense (Income)	2,112.0	536.0	1,728.0	2,462.0	2,711.0
Other Operating Expenses, Total	0.0	0.0	0.0	0.0	0.0
Operating Income	**22,180.0**	**18,499.0**	**16,064.0**	**14,409.0**	**8,952.0**
Interest Income (Expense), Net Non-Operating	0.0	0.0	0.0	0.0	0.0
Gain (Loss) on Sale of Assets	0.0	0.0	0.0	0.0	0.0
Other, Net	-138.0	-34.0	0.0	0.0	0.0
Income Before Tax	**23,814.0**	**20,101.0**	**18,262.0**	**16,628.0**	
Income Tax - Total	6,133.0	6,036.0			
Income After Tax	**17,681.0**	**14,06**			
Minority Interest					
Equity In Affiliates					
U.S. GAAP Adjustment					
Net Income					

Hundreds of formats of financial statement

FUTURE

Traditional format

Cash and cash equivalents $ 663

Current assets:	
Cash and cash equivalents	$ 663
Marketable debt and equity securities	6,283
Accounts receivable (Note 4)	24,138
Inventories (Note 5)	20,152
Current deferred tax assets (Note 13)	503
Other current assets	908
Total current assets	$ 52,647

XBRL format

Data

$ 663

Meta Data

- Name
  (CashAndCashEquvivalents)
- Data Type
  (Monetary, String, other)
- Period Type
  (Instant, Duration)
- Balance Type
  (Debit, Credit)
- Calculations
- Presentations

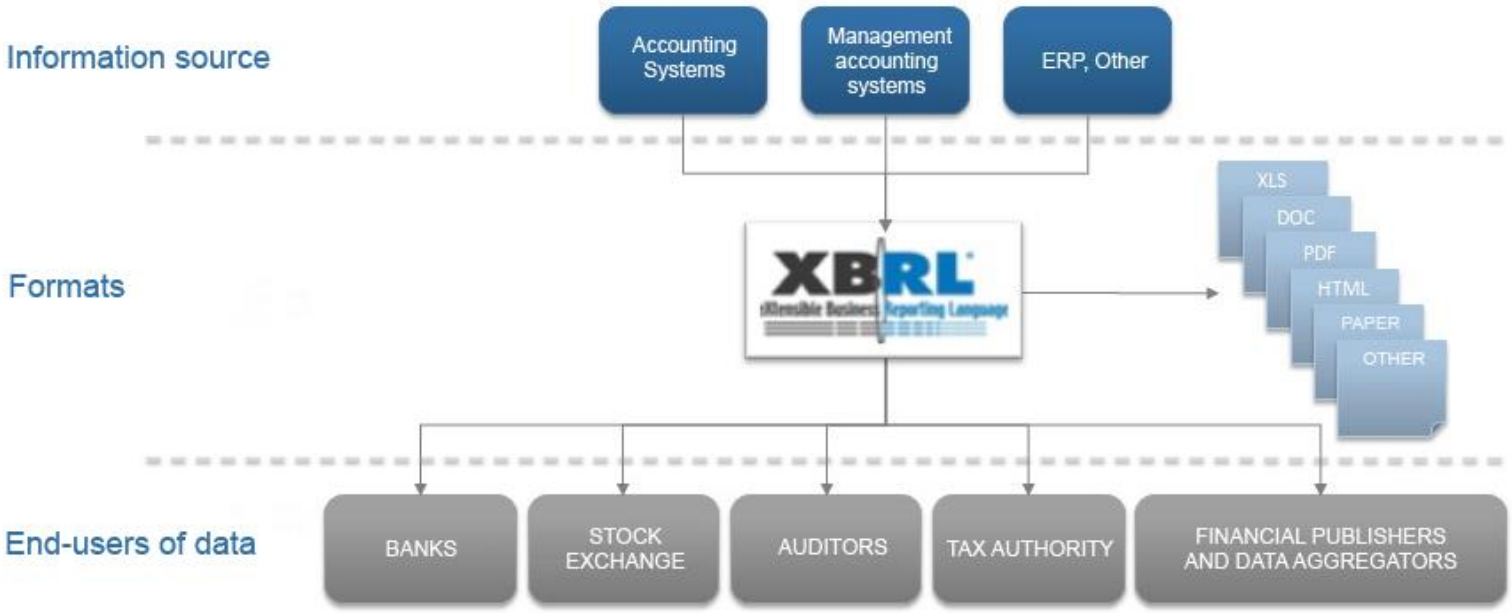
TAXONOMY

- XBRL Taxonomies are dictionaries which are used by the language. These are the categorization schemes which define the specific tags for individual items of data.

- Already prepared taxonomies:

  - US GAPP
  - IFRS
  - HGB
  - COREP
  - Other

IDEA


Information source
Accounting Systems
Management accounting systems
ERP, Other
Formats
XBRL
eXtensible Business Reporting Language
XLS
DOC
PDF
HTML
PAPER
OTHER
End-users of data
BANKS
STOCK EXCHANGE
AUDITORS
TAX AUTHORITY
FINANCIAL PUBLISHERS AND DATA AGGREGATORS

AREAS OF USE

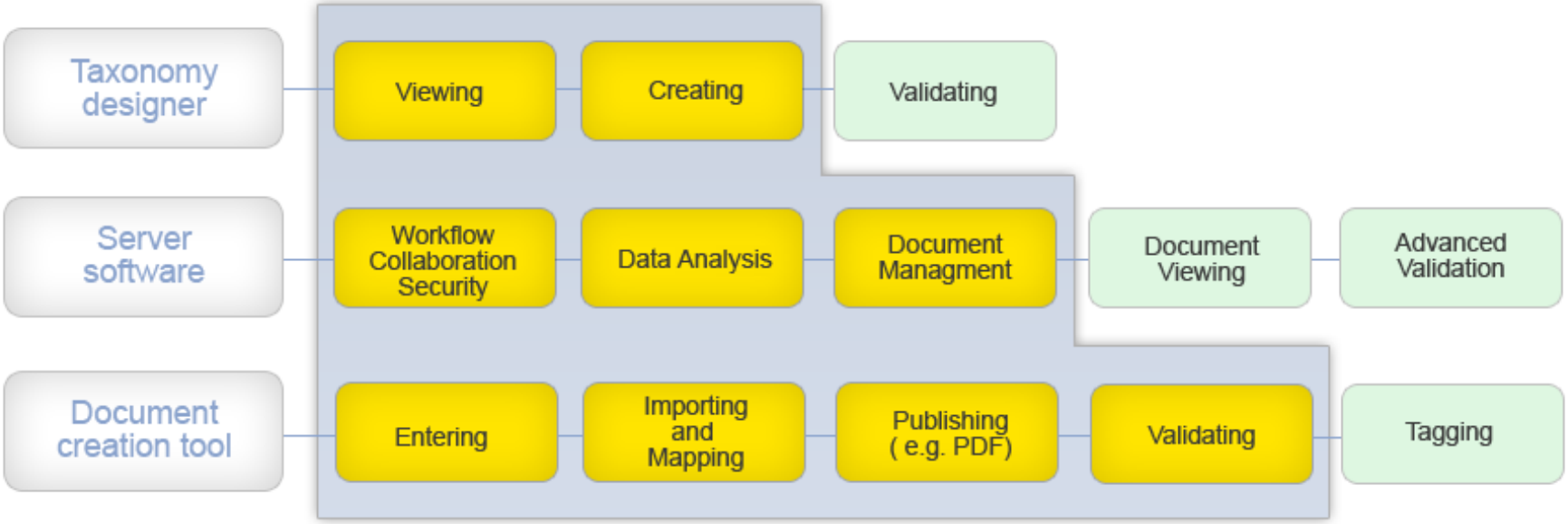
Banking reporting (COREP/FINREP)

Internal financial reporting

External financial reporting

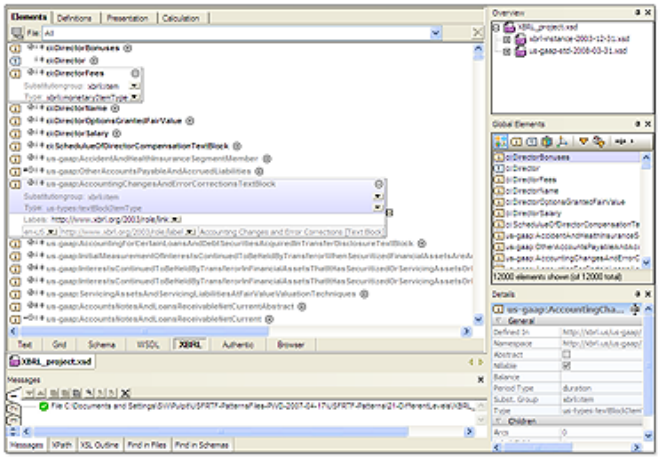
- banks
- stock exchanges
- financial publishers and data aggregators
- regulators
- tax authorities
- auditors
- trading partners

Existing IT Solutions



XBRL Integrated platform

IT Perspective



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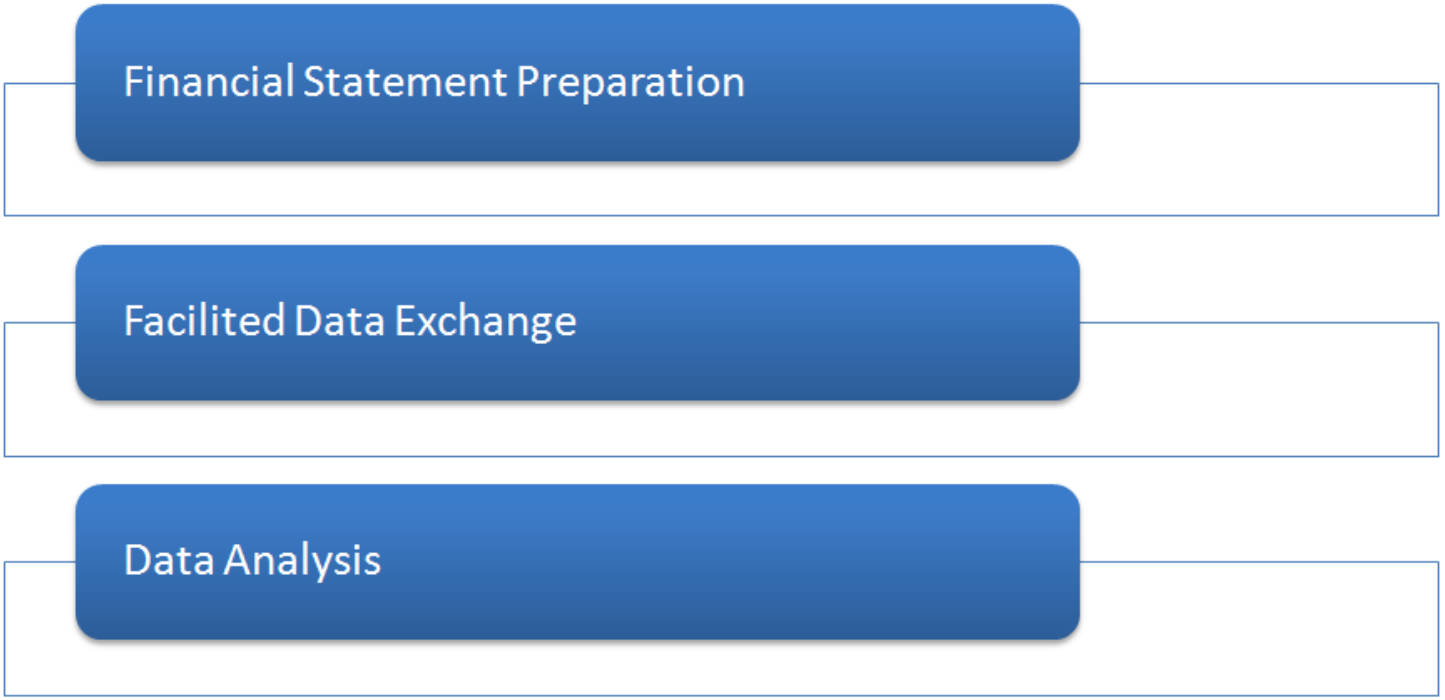
Accountants' perspective

B.1. Balance - Assets

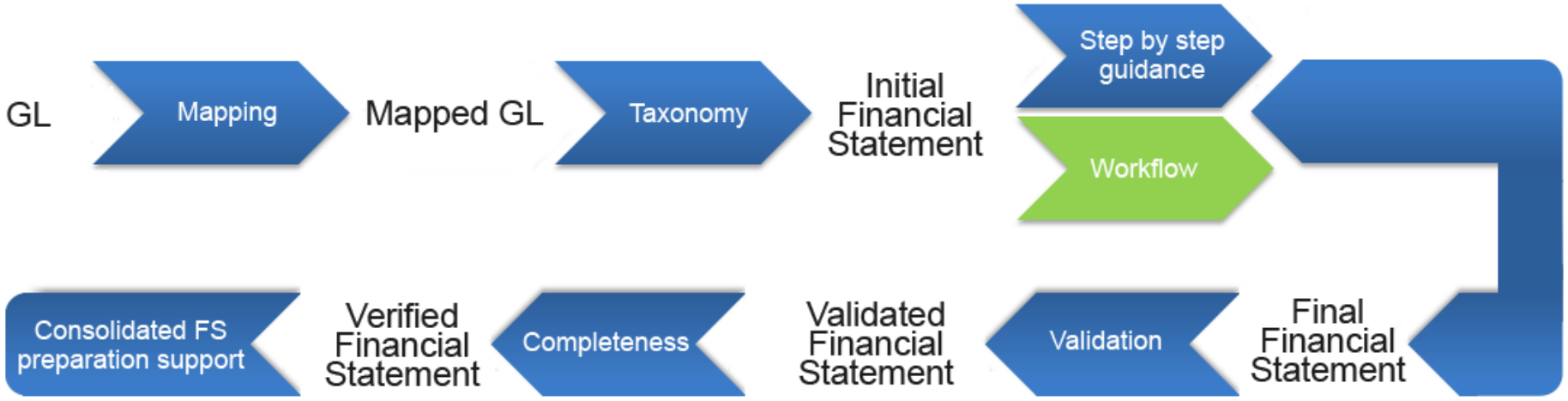
Description	Notes	2008
A. Non-current assets		1 037 681
1. Goodwill	1.1, 1.2, 1.3	123 123
2. Intangible assets other than goodwill	2.1, 2.2, 2.3	3 212
3. Tangible fixed assets	3.1, 3.2, 3.3, 3.4, 3.5	42 343
4. Real estate investment	4.1, 4.2, 4.3	423 655
5. Long-term receivables	5.1, 5.2	6 567
6. Financial assets	6.1, 6.2, 6.4, 6.5, 6.6, 6.7, 6.8	435 325
7. Deferred tax assets	7.1, 7.2, 7.3, 7.4, 18.1, 18.2, 18.3	3 453
8. Other accrued liabilities	11.1, 11.2, 11.3	3
B. Current assets		1 114 829
1. Stocks	8.1, 8.2, 8.3	435 246
2. Trade accounts receivable	9.1, 9.2	3 243
3. Sundry debtors	9.1, 9.3	234 324
4. Tax, subsidies, customs duties, social security, health insurance and other benefits receivables.	9.1, 9.4	435 435
5. Financial assets	10.1, 10.2, 10.3, 6.3	6 573
6. Cash and cash equivalents	11.1, 11.3	3
7. Accrued liabilities	11.2	3
C. Non-current assets or disposal groups classified as held for sale or as held for distribution to owners	12	534
Assets		***2 153 044***

APPLICATION ARCHITECTURE



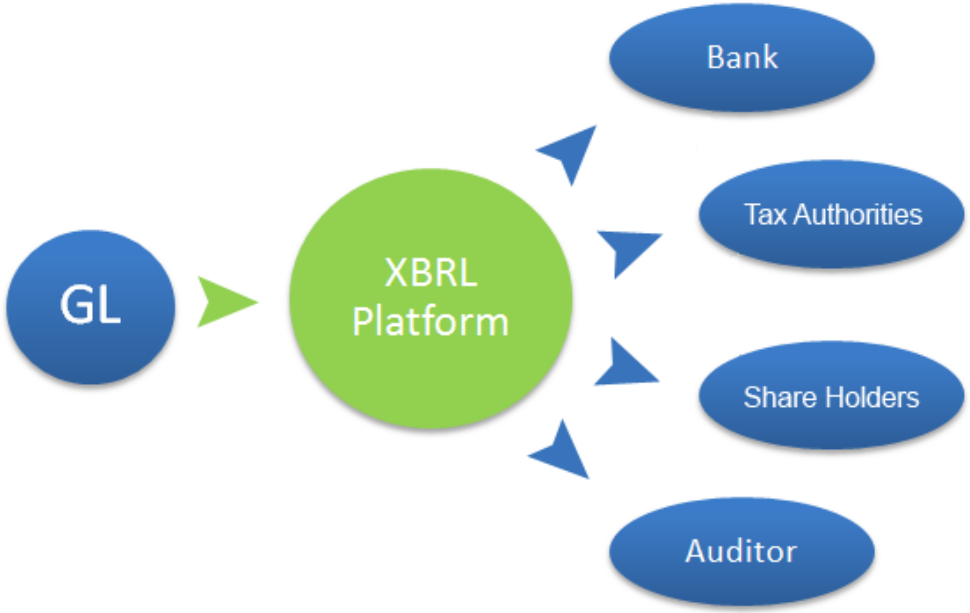
Financial statement preparation

- General ledger integration (XBRL-GL)
- Automation of the process of preparation financial statement
- Step by step guidance
- Consolidated financial statement preparation support
- Validation
- Completeness
- Workflow Collaboration



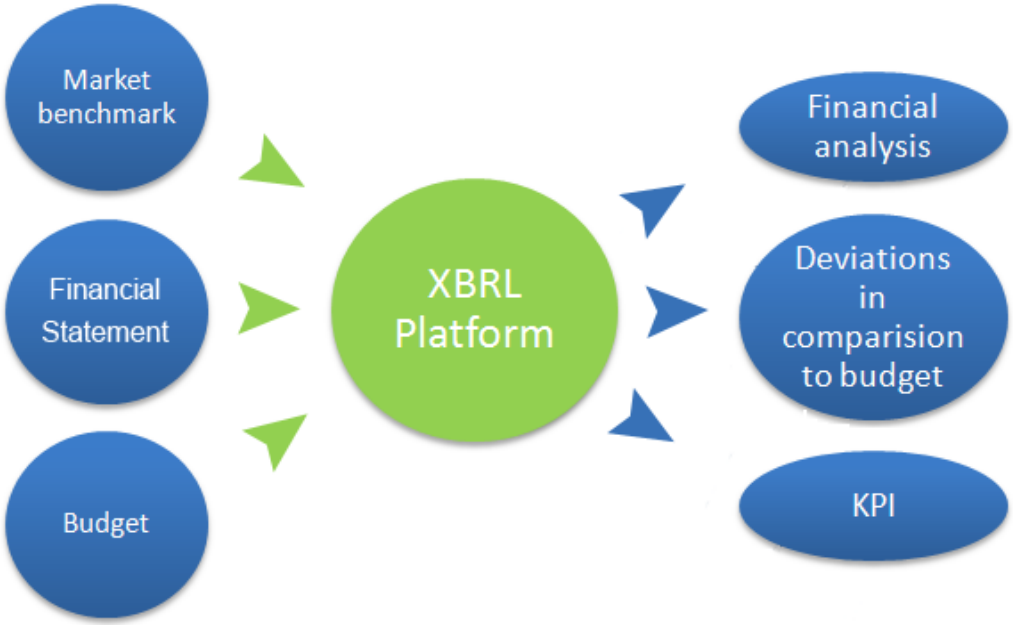
Facilited Data Exchange

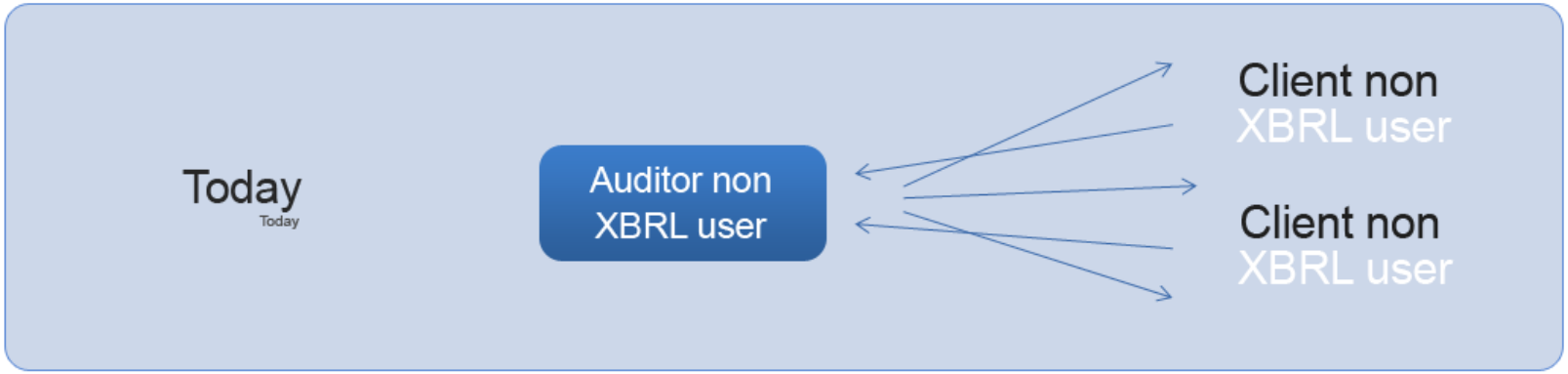
- Internal reporting
  - Managment
  - Consolidation
- External reporting
  - Auditor
  - Bank



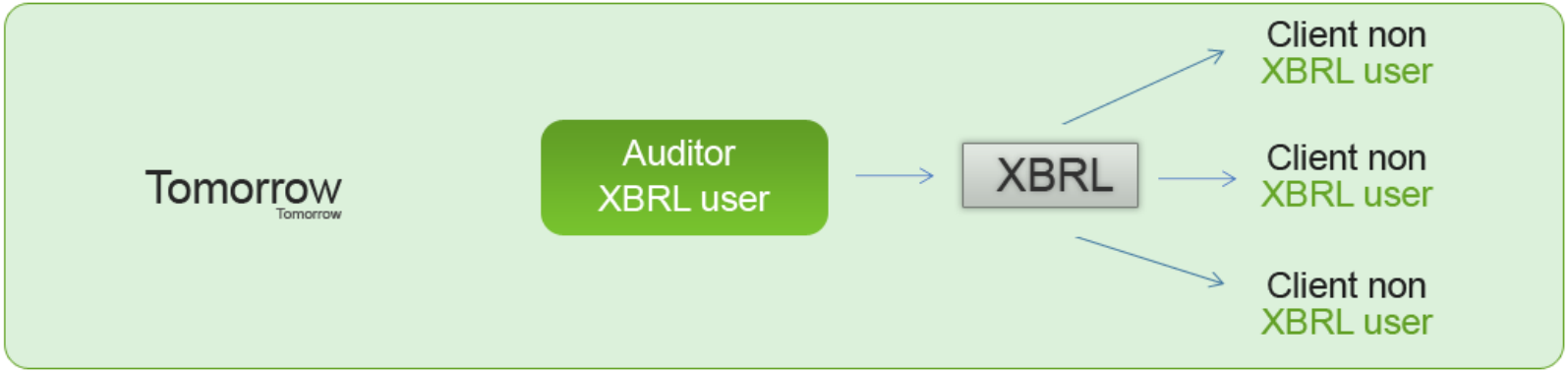
Data Analysis

- Financial and non-financial ratios
- Budgeting
- Controling
- Benchmarking





Implementing XBRL in HLB



BENEFITS

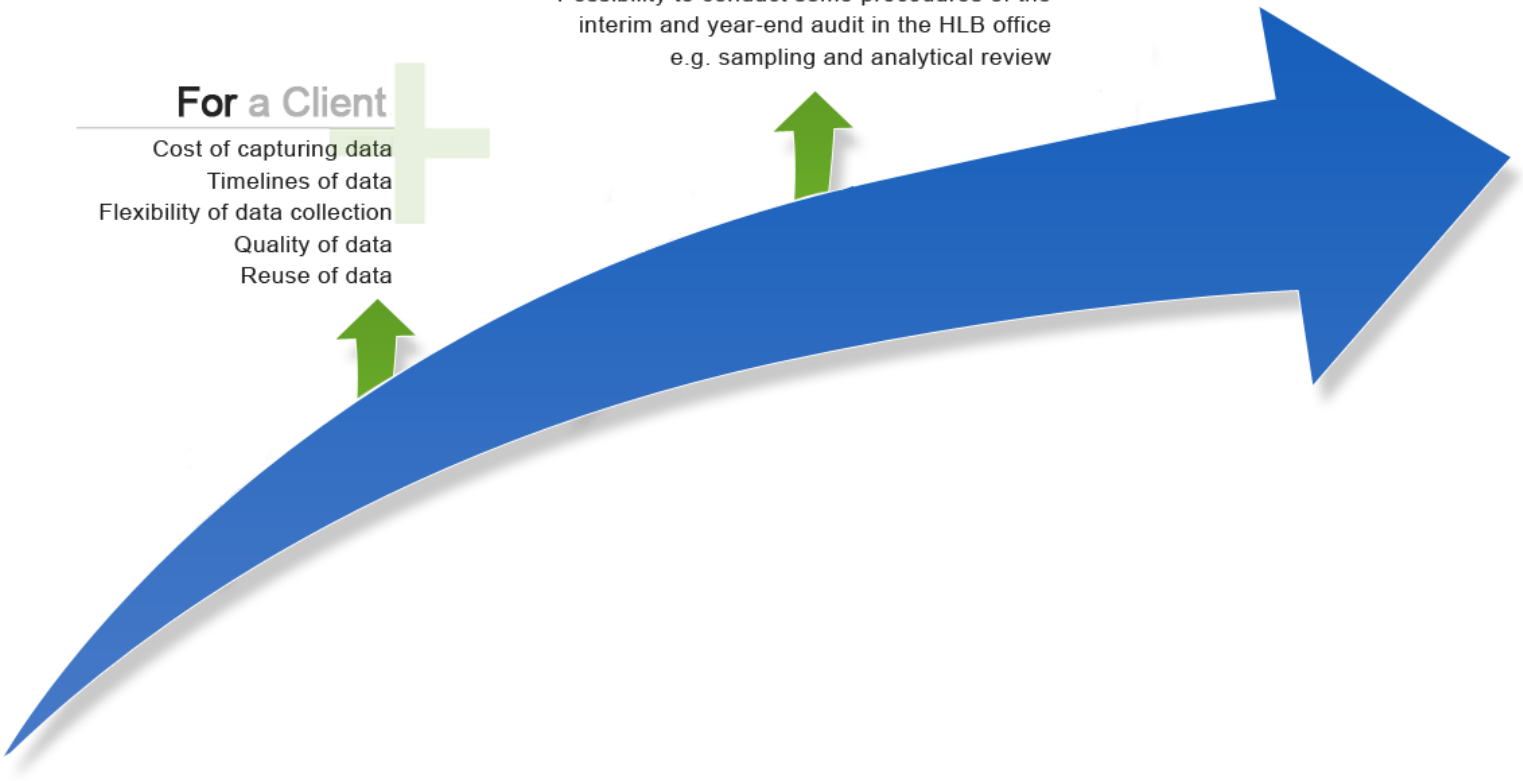
BENEFITS

For an HLB auditor

Standarization of data format
Acceleration of data gathering
Acceleration of data processing
Reduction of workload and cost of audit
Possibility to conduct some procedures of the interim and year-end audit in the HLB office
e.g. sampling and analytical review

For a Client

Cost of capturing data
Timelines of data
Flexibility of data collection
Quality of data
Reuse of data



HLB International

40 Anniversary

Thank you for your attention

HLB Sarnowski & Wiśniewski