

XBRL | EUROPE

XBRL | IT

24th XBRL EUROPE DAY in Milan

5-6th FEBRUARY 2020

Hosted by



The challenges of the data and how to obtain good quality

- Karsten Elmsted/Bent Reiter
- EasyX
- Member of XBRL DK and XBRL SE

- **Worked with XBRL more than 15 years**
 - **DK Gaap (2012), IFRS (2014), EBA (2014), EIOPA (2016) and ESMA (2020)**
 - **Board member of XBRL DK and member of XBRL Sweden**
 - **Customers**
 - **in DK, SE, NO**
 - **Types**
(ex. Auditors (international and local), multinational companies, Real Estate, Banks, Investment, Insurance, Pension, Layers etc.
-

New tool or conversion from PDF - pro/con



New Tools

Pros

- Potentially improved process
- Integrated with or embedded in existing software (as part of the software)

Cons

- Expensive solution if you have to change process
- Not very flexible
- Normally consolidation tools are not very sophisticated in relation to layout

Conversion from PDF

Pros

- Keep your existing process, most cost saving argument
- You are free to choose layout
- You don't need to learn another tool.
- It is possible to outsource the conversion

Cons

- Not embedded in ex. Consolidation software (one step process)

Conversion from PDF

Quality issues related to xHTML

- (Layout etc.)
 - Is the layout equal to the original PDF document
 - Pictures, tables, graphs, other illustrations,
 - Positions (the same as original documents)
 - Fonts, Lines, text,
 - Scalability

PDF

DKK million	Note	2019	2018	DKK million
Revenue	2.1	3,058	3,007	Net p
Cost of goods sold	2.2, 2.3, 2.4, 5.1	2,583	2,466	
Gross profit		475	541	Other
Sales and marketing costs	2.2, 2.4, 5.1	131	128	Items
Administrative expenses	2.2, 2.4, 5.1	105	106	the in
Operating profit before special items		239	307	Reme
Special items	2.5	24	-	oblig
Operating profit		215	307	Tax o
Financial income	4.1	32	11	empl
Financial expenses	4.1	16	13	Items
Profit before income taxes		231	305	when
Income taxes	2.6	48	69	Excha
Net profit for the year		183	236	Recyc
				Unrec
				Cash

xHTML

DKK million	Note	2019	2018	DKK million
Revenue	2.1	3,058	3,007	Net p
Cost of goods sold	2.2, 2.3, 2.4, 5.1	2,583	2,466	
Gross profit		475	541	Other
Sales and marketing costs	2.2, 2.4, 5.1	131	128	Items
Administrative expenses	2.2, 2.4, 5.1	105	106	the in
Operating profit before special items		239	307	Reme
Special items	2.5	24	-	oblig
Operating profit		215	307	Tax o
Financial income	4.1	32	11	empl
Financial expenses	4.1	16	13	Items
Profit before income taxes		231	305	when
Income taxes	2.6	48	69	Excha
Net profit for the year		183	236	Recyc
				Unrec
				Cash

From: 2018-01-01
To: 2018-12-31
Name:xd:GrossProfit
Label-en:Gross Profit
Label-da:Bruttoresultat
Label-sv:Bruttoresultat
Label-de:Bruttogewinn
Label-en:Gross profit
Debit/Credit: Credit
Value: 475000000
Currency: DKK
scale=6 decimals=-6

- Tagging process
 - Is it the right taxonomy element?
 - Functional/natural; comprehensive income before or after tax acc. Etc.
 - Several elements with nearly same meaning
 - Credit or debit element
 - In the right context
 - Missing tags (Have all elements in primary financial statement been filled out?)
 - Re-use of tags (year to year, taxonomy to taxonomy, company to company)?

Tagging (example)



xWizard ESEF easx

Files Show Tools Modify Help

Load Files Show Show Log Create Report Create XBRL Submit files Model builder Mode Build Run

C:\Users\ke\Documents\Easy-X\eksemplerregnskaber\NNIT\NNIT 2019 årsrapport\NNIT_AR19_UK_FINAL.pdf
C:\Users\ke\Documents\Easy-X\eksemplerregnskaber\NNIT\NNIT 2019 årsrapport\Parametre.xlsx

Log contents: 0 Warnings 0 Errors

Income Balance_sheet Statement_of_cash_flows Statement_of_changes_in_equity

Row	Group	A	B	C	D
1	Resultatopgørelse	Income			
2	Resultatopgørelse	statement			
3	Resultatopgørelse	for the year ended December 31			
5	Resultatopgørelse	DKK million	Note	2.019	2.018
7	Resultatopgørelse	Revenue		3.058	3.007
8	Resultatopgørelse	Cost of goods sold	2.3, 2.4, 5.1	2.583	2.466
9	Resultatopgørelse	Gross profit		475	541
11	Resultatopgørelse	Sales and marketing costs	2.2, 2.4, 5.1	131	128
12	Resultatopgørelse	Administrative expenses	2.2, 2.4, 5.1	105	106
13	Resultatopgørelse	Operating profit before special items		239	307
15	Resultatopgørelse	Special items	3	24	-
16	Resultatopgørelse	Operating profit		215	307
18	Resultatopgørelse	Financial income		32	11
19	Resultatopgørelse	Financial expenses		16	13
20	Resultatopgørelse	Profit before income taxes		231	305
22	Resultatopgørelse	Income taxes	3	48	69
23	Resultatopgørelse	Net profit for the year		183	236
25	Resultatopgørelse	Earnings per share			
26	Resultatopgørelse	Earnings per share (DKK)		7	10

Search Taxonomy

Synonym: Cost of goods sold

Område: Income Statement Område søgning

Fundet tekst: Cost of sales
[310000] Totalindkomstopgørelse, resultatopgørelse, funktionsopdeling af omk

Søg efter: Cost of sales

Vis niveau: 3 Vis dimensioner Vis alle niveauer

Presentation-link Local language: Engelsk

- Revenue
 - Cost of sales
 - Gross profit
 - Other income
 - Distribution costs
 - Administrative expenses
 - Other expense
 - Other gains (losses)
 - Operating profit before special items
 - Special items
 - Profit (loss) from operating activities
 - Difference between carrying amount of dividends payable and c
 - Gains (losses) on net monetary position
 - Gain (loss) arising from derecognition of financial assets measure
 - Finance income
 - Finance costs
 - Impairment gain and reversal of impairment loss (impairment loss)
 - Share of profit (loss) of associates and joint ventures accounted
 - Other income (expense) from subsidiaries, jointly controlled entitie
 - Gains (losses) arising from difference between previous amortise
 - Cumulative gain (loss) previously recognised in other comprehen
 - Hedging gains (losses) for hedge of group of items with offsetting
 - Profit (loss) before tax
 - Tax income (expense)
 - Profit (loss) from continuing operations
 - Profit (loss) from discontinued operations
 - Profit (loss)
 - Profit (loss), attributable to [abstract]
 - Earnings per share [text block]
- [420000] Statement of comprehensive income, OCI components presented i
- Statement of comprehensive income placeholder - this item MUST be us
- Items are further detailed in section [800200] Analysis of income and
- Profit (loss)
- Other comprehensive income [abstract]

Opret i master Opret i profil Retur

NNIT 2019 regnskab færdigmappet | ESEF20170331 | 1.1.833.0 | Årsrapport | ESEF20170331 | L-Admin

21:57 02-02-2020

- Extensions:
 - Is an extension needed? (is there already an element in the taxonomy?)
 - Is it correct Type (Monetary, Decimal etc.)
 - Debit or Credit field?
 - Labels in more languages if needed (English + local language)

Extension (example)

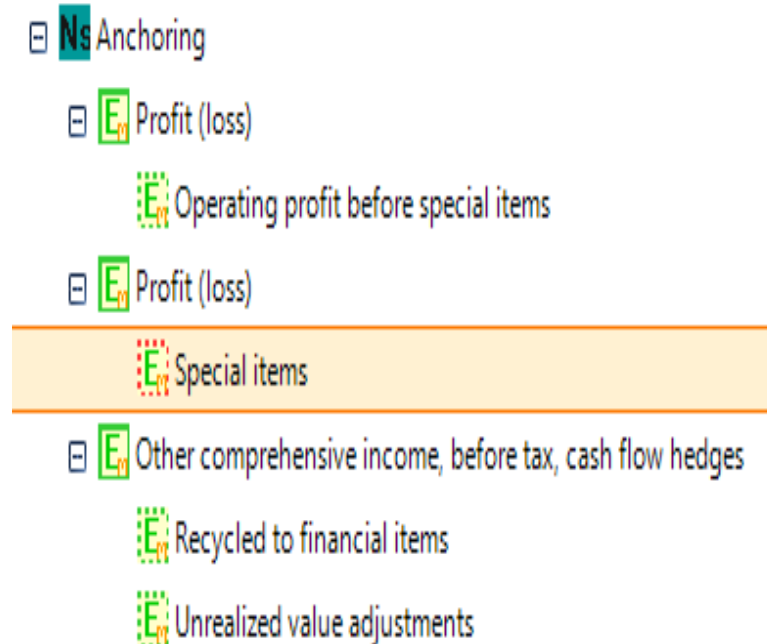


The screenshot displays the xWizard ESEF software interface. The main window shows a spreadsheet with columns for 'Income', 'Balance_sheet', 'Statement_of_cash_flows', and 'Statement_of_changes_in_equity'. A dialog box titled 'Edit/Create Element' is open, showing options for 'Regnerregel' (Debit, Kredit) and 'Type' (Balance, Drift). The 'Special items' dialog box is also visible, showing a list of items with checkboxes and a search bar. The search taxonomy window on the right shows a list of items, including 'Special items', 'Profit (loss) from operating activities', and 'Total comprehensive income'.

Row	Group	A	B
1	Resultatopgørelse	Income	
2	Resultatopgørelse	statement	
3	Resultatopgørelse	for the year ended December 31	
5	Resultatopgørelse	DKK million	Note
7	Resultatopgørelse	Revenue	
8	Resultatopgørelse	Cost of goods sold	2.2, 2.3, 2.4, 5.1
9	Resultatopgørelse	Gross profit	
11	Resultatopgørelse	Sales and marketing costs	2.2, 2.4, 5.1
12	Resultatopgørelse	Administrative expenses	2.2, 2.4, 5.1
13	Resultatopgørelse	Operating profit before special items	239 307
15	Resultatopgørelse	Special items	3 24 -
16	Resultatopgørelse	Operating profit	215 307
18	Resultatopgørelse	Financial income	4 32 11
19	Resultatopgørelse	Financial expenses	4 16 13
20	Resultatopgørelse	Profit before income taxes	231 305
22	Resultatopgørelse	Income taxes	3 48 69
23	Resultatopgørelse	Net profit for the year	183 236
25	Resultatopgørelse	Earnings per share	
26	Resultatopgørelse	Earnings per share (DKK)	4 7 10

- Model building

- Calculation link base, presentation link base
 - Right tree structure?, right elements?, all elements?
 - Sum and part sums
 - Debit/credit, plus/minus
 - P/L, B/S and Cash flow (same value, different meaning)
- Hypercubes: Hierarchy within Dimension Axis
 - Parent = sum(children) within Axis
- Anchoring (Wider to narrow)



- Model (How can we control if the model is correct?)
 - No errors in calculation link base?
 - Same as the Statements in the Annual report (Sum and part sums?)
- Tagging (How should the tagging be controlled?)
- Context (Is the element chosen in the right context)
- Other controlling issues
 - 1000, mio., Currency etc.
 - Comma or period (and what with numbers after decimals)
 - Errors/incorrect balanced data in the Annual Report?
 - End data, start date (this year, last year)
 - Subtotals and totals in line with taxonomy hierarchy in taxonomy?
 - Balancing between P/L, B/S and cashflow (the same number?)
 - Minus/plus; debit/credit (In P/L, in B/S in Cashflow?)

- Creation of xHTML just before deadline
 - Who, how,..
 - Process, risks, responsibilities
- What about control of tagging, extensions, model building?
- Last minute changes and controls of last minute changes?
- Who should be in control?
- Audit?

Tools must have comprehensive controlling possibilities -
there are many potential errors in Inline XBRL.

Quality is only achievable with multiple controls

The filer must be able to feel secure that what he reports is correct.
Wrongly reported data can or will have negative consequences.

Therefore you must prepare the conversion process in due time
before deadline

Questions?



Mail adr.: contact@easyx.eu

