

ESEF USE CASES

29th April 2021



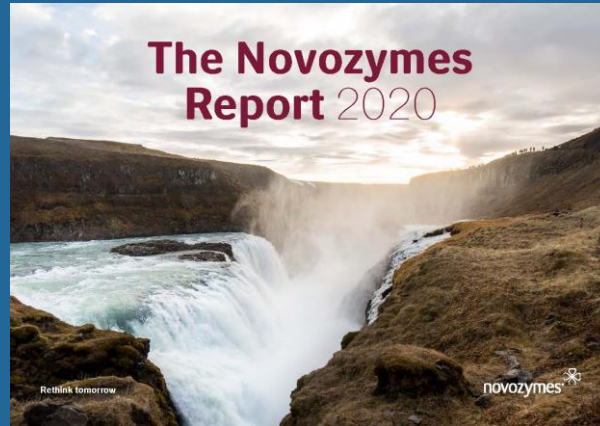
ESEF data validation

- Michael Krog
- ParsePort
- XBRL Europe

Who Are ParsePort



- » ParsePort was established in January 2010 and works solely with XBRL
- » Our creation and review/consumption software is certified by XBRL International
- » Europe's leading auditors are using the ParsePort XBRL Inspector to audit ESEF reports
- » Our customers where among the first to publish in ESEF
- » We have local offices all over Europe
 - » Headquarters in Denmark and local offices in Netherlands, UK, France, Germany, Italy, Poland, Bulgaria, Sweden, Finland, Greece, Spain and Austria



Reviewing an iXBRL File

- » Reviewing with a viewer file
 - » Does not provide e.g. linkbase and balance type information
 - » Does not easily provide access to hidden information

Reviewing with an Excel file/fact sheet

- » Does not provide relationship to visual part
- » Is not optimal for dimensional display

» Reviewing with a dedicated tool

- » Allows access to presentation, calculation and definition linkbases
- » Allows full access to all fact information including anchoring, dimensions, balance, periods etc.
- » Allows access to hidden information
- » Allows auditor to review the actual file that gets submitted

The screenshot displays the PARSEPORT iXBRL viewer interface. The top navigation bar includes options like 'Convert to ZIP', 'Open ZIP package', 'Validation', and 'Viewer'. The main window is divided into several panes:

- Fact Properties:** Shows the selected fact's details, including its concept (Revenue), dimensions (Date: 1 Jan 2020 to 31 Dec 2020), fact value (€ 10,606,000,000), accuracy (-6 (millions)), and change (11.7% decrease on 1 Jan 2019 to 31 Dec 2019).
- Table:** Displays a financial statement table with columns for 'Year ended' (31 December 2020, 31 December 2019, 31 December 2018) and rows for various financial metrics in millions of euros.
- Concept:** Provides a detailed description of the selected fact, including its expiry date and the accounting period.
- Dimensions:** Lists the dimensions associated with the fact, such as Date, Fact Value, Accuracy, and Change.
- Linkbases:** A sidebar on the right shows the available linkbases, including Presentation, Calculation, and Definition linkbases, with a search bar for finding specific elements.

	31 December 2020	31 December 2019	31 December 2018
€ million	€ million	€ million	€ million
10,606	12,017	11,518	
(6,871)	(7,424)	(7,060)	
3,735	4,593	4,458	
(1,939)	(2,258)	(2,178)	
(983)	(787)	(980)	
813	1,548	1,300	
33	49	47	
(144)	(145)	(140)	
(111)	(96)	(93)	
(7)	2	(2)	
695	1,454	1,205	
(197)	(364)	(296)	
498	1,090	909	
1.09	2.34	1.88	
1.09	2.32	1.86	

Can You Have a Clean Validation Sheet?

- » The clean validation sheet is sought after and even required by some, but it's not always a possibility.
- » For somewhere between 10-20% of the annual reports we've seen, a clean validation report is attainable, but for the rest it is not.
- » Not all errors are created equal. In general, you can split these into two groups: Errors and warnings.
 - » Errors must be fixed for the file to be compliant
 - » Faulty mappings
 - » Transformable facts in the hidden section of the file
 - » Calculations with illegal weights
 - » Warnings, however, just need to be checked, but it may turn out to be nothing
 - » Rounding errors
 - » Calculation inconsistencies
 - » Values below 0 / against expectation

>< PARSEPORT ><<<<<<<<		Convert to ZIP	Open ZIP package
<h2>Validation summary</h2>			
Taxonomy package check :	1 Warnings found		
taxonomypackage.xml check :	OK		
catalog.xml check :	OK		
Linkbase check :	OK		
Entrypoint check :	OK		
xHTML check :	1 Warnings found		
<h2>General Information</h2>			
Name :	549300EF0CDEQZBMA096-2020-12-31_		
Identifier :	549300EF0CDEQZBMA096		
Reporting period :	1/1/2020 - 12/31/2020		
Hashcode :	wΔKHirCv9nO/nln=		

MUST, SHOULD and personal preference?

- » MUST = E.g. “Document MUST NOT contain executable code. Simply not allowed.
- » SHOULD = e.g. “Extension taxonomy SHOULD NOT define abstract concepts”. It is technically possible, but discouraged.
- » Personal preference = should “Other non-current assets” be mapped to “OtherNonCurrentAssets” or “OtherNonCurrentNonFinancialAssets”? There is no right or wrong.

What About the Hidden Section

- » An ESEF file can contain a hidden section, in which you can place certain elements such as general company data etc.
- » Only non-transformable (= non-financial) data is allowed in the hidden section.
- » We still see ESEF reports being published with transformable facts in the hidden section
- » What is the reason to place transformable facts in the hidden layer?
 - » Usually it is due to problems getting the visual and technical layer to match
 - » To circumvent this, the issuer uses a hidden element placed “below” the element, and the hidden element is then tagged
- » The issue?
 - » Placing financial information in the hidden section opens up the door to having different information in the visual and technical layer of an ESEF file.

Statement of comprehensive income for the Group for 2019				
DKK'000	Notes	2019	2018	
Revenue	3	2,453,853	2,053,216	
Cost of services	4	-1,458,102	-1,236,699	
Gross profit		995,751	816,516	
Sales and marketing costs	5	-11,742	-11,871	
Administrative costs	6	-366,658	-290,428	
Special items	8	-4,398	-34,488	
EBITA (non-IFRS)		612,954	479,729	
Amortisation	9	-101,674	-115,389	
Operating profit (EBIT)		511,280	364,340	
Financial income	10	39,930	22,245	
Financial expenses	10	-53,954	-130,903	

Concept

- (ifrs-full) Revenue

Expiry date 2020-01-01: The income arising in the course of an entity's ordinary activities. Income is increases in economic benefits during the accounting period in the form of inflows or enhancements of assets or decreases of liabilities that result in an increase in equity, other than those relating to contributions from equity participants. Effective 2020-01-01: The income arising in the course of an entity's ordinary activities. Income is increases in assets, or decreases in liabilities, that result in increases in equity, other than those relating to contributions from holders of equity claims.

Dimensions

Date 1 Jan 2019 to 31 Dec 2019

Fact Value iso4217:DKK 999,999

Accuracy -3 (thousands)

Change 100.0% decrease on 1 Jan 2018 to 31 Dec 2018

Entity [LEI] 5299006DEGAWX1Z1X779

Concept ifrs-full:Revenue



Graphics



Mapping



Timing

Graphics, Mapping, Timing



Graphics

- » Is usually handled by a communications department or design agency.
- » Is the visual representation of the annual report
- » Needs to be created in XHTML format



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- » The mapping is performed using XBRL
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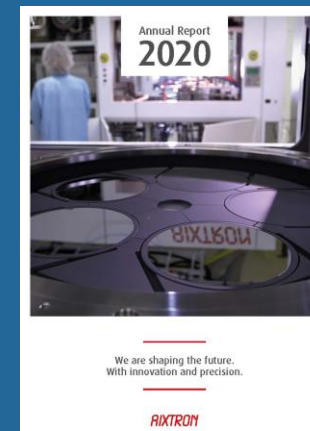
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Timing

- » Timing is the last piece of the puzzle to creating an ESEF file in time.
- » How long does it take from you have finalized your figures until you have a finished ESEF report?
- » With good timing you will be able to create an ESEF report just before deadline



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