

18th XBRL Europe Day

February 16th, 2017

Amsterdam, The Netherlands

XBRL | EUROPE

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iXBRL, xBRL-JSON & xBRL-CSV

- Paul Warren
- XBRL International



iXBRL

is a solution to the challenge of

Open Reporting

What is Open Reporting?

<https://xbrl.org/glossary>

What is Open Reporting?

Open reporting

An environment where a **preparer** must make their own decisions about exactly which **data points** are to be reported. This is commonly found in financial reporting where the reporting requirements are expressed as a set of principles that must be followed, rather than a specific set of **data points** that must be reported. Open reporting environments may allow **preparers** to provide an **extension taxonomy** that defines any additional **data points** needed, although there are other approaches to implementing open reporting with XBRL.

Open Reporting is...

- The opposite of “fill in the boxes” template-based reporting*
- Not form-based reporting
- Financial reporting with no fixed chart of accounts

* *“Insert more rows as required” is still “Closed Reporting”*

Open Reporting is...

- What you'd invent if you wanted to make structured, electronic reporting as difficult as possible...

... but we're stuck with modelling the world as it is.

Presentation in an Open Reporting world

- Open Reporting puts preparers in control of the presentation of their reports
- Different preparers reporting different data points means it's often desirable to view facts in the context in which they were “originally” presented

Presentation

“Just send us the data, we’ll render it”

This works very well in a Closed Reporting world

XBRL + Table Linkbase works well for this

								31/12/2015						
								Gross carrying amount			Accumulated impairment, accumulated changes in fair value due to credit risk and provisions		Collaterals and financial guarantees received on non-performing exposures	
								Of which performing but past due >30 days and <=90 days	Of which non-performing		On performing exposures ²	On non-performing exposures ³		
									Of which: defaulted					
(mln EUR)														
Debt securities (including at amortised cost and fair value)														
Central banks														
General governments														
Credit institutions														
Other financial corporations														
Non-financial corporations														
Loans and advances(including at amortised cost and fair value)														
Central banks														
General governments														
Credit institutions														
Other financial corporations														
Non-financial corporations														
Households														
DEBT INSTRUMENTS other than HFT														
OFF-BALANCE SHEET EXPOSURES														

Presentation

“Just send us the data, we’ll render it”

This works much less well in an Open Reporting world

(In millions)	December 31, 2016		June 30, 2016			
	Gross Carrying Amount	Accumulated Amortization	Net Carrying Amount	Gross Carrying Amount	Accumulated Amortization	Net Carrying Amount
Technology-based (a)	\$ 7,619	\$ (3,604)	\$ 4,015	\$ 5,970	\$ (3,648)	\$ 2,322
Marketing-related	3,983	(691)	3,292	1,869	(616)	1,253
Contract-based	801	(709)	92	796	(718)	78
Customer-related	4,023	(421)	3,602	465	(385)	80
Total	\$ 16,426^(b)	\$ (5,425)	\$ 11,001	\$ 9,100	\$ (5,367)	\$ 3,733

“Original” HTML presentation

VS

Rendered XBRL

Finite-Lived Intangible Assets (Detail) - USD (\$) \$ in Millions	Dec. 31, 2016	Jun. 30, 2016
Finite-Lived Intangible Assets [Line Items]		
Gross Carrying Amount	\$ 16,426 ^[1]	\$ 9,100
Accumulated Amortization	(5,425)	(5,367)
Net Carrying Amount	11,001	3,733
Technology-based		
Finite-Lived Intangible Assets [Line Items]		
Gross Carrying Amount ^[2]	7,619	5,970
Accumulated Amortization ^[2]	(3,604)	(3,648)
Net Carrying Amount ^[2]	4,015	2,322
Marketing-related		
Finite-Lived Intangible Assets [Line Items]		
Gross Carrying Amount	3,983	1,869
Accumulated Amortization	(691)	(616)
Net Carrying Amount	3,292	1,253

Open Reporting Presentation

Much better to send a presentation view (e.g HTML), annotated with structured information (e.g. XBRL)

HTML + XBRL = iXBRL

<https://xbrl.org/ixbrl>

5.4.1 Consolidated statement of income

<i>(in millions of euros)</i>	Notes	2014	2013 restated ⁽⁷⁾
SALES	4.1	12,725	11,662
Cost of sales	4.3	(10,522)	(9,653)
GROSS MARGIN	4.3	2,203	2,009
<i>% of sales</i>		17.3%	17.2%
Research and Development expenditure, net	4.51	(685)	(614)
Selling expenses		(207)	(193)
Administrative expenses		(449)	(436)
OPERATING MARGIN		862	766
<i>% of sales</i>		6.8%	6.6%
Share in net earnings of equity-accounted companies	4.5 3.1	51	26
OPERATING MARGIN INCLUDING SHARE IN NET EARNINGS OF EQUITY-ACCOUNTED COMPANIES	4.5	913	792

Inline XBRL

Highlight all tags

Line item

ifrs-full:CostOfSales

Value

€ 10,522,000,000.00

Period

2014-01-01 to 2014-12-31

Units

iso4217:EUR

Entity

[5493006IH2N2WMIBB742](#)



These samples have been prepared by XBRL International as a technology demonstration, and the accuracy of figures and information contained within this sample should not be relied upon for any purpose whatsoever.

NOTE 4

INFORMATION BY OPERATING SEGMENT

For internal reporting purposes the Group is structured into the following four business units based on the type of products and services provided:

- Automotive Seating (design of vehicle seats, manufacture of seating frames and adjustment mechanisms, and assembly of complete seating units);
- Emissions Control Technologies (design and manufacture of exhaust systems);
- Interior Systems (design and manufacture of instrument panels, door panels and modules, and acoustic components);

- Automotive Exteriors (design and manufacture of front ends and safety modules).

These business units are managed on an independent basis in terms of reviewing their individual performance and allocating resources. The tables below show reconciliation between the indicators used to measure the performance of each segment - notably operating income - and the consolidated financial statements. Borrowings, other operating income and expense, financial income and expense, and taxes are monitored at Group level and are not allocated to the various segments.

4.1 Key figures by operating segment

2014

(in € millions)	Automotive Seating	Emissions Control Technologies	Interior Systems	Automotive Exteriors	Other	Total
Sales	5,318.9	6,749.6	4,737.0	2,069.7	337.3	19,212.5
Inter-segment eliminations	(9.8)	(2.2)	(27.7)	(6.6)	(337.3)	(383.6)
Consolidated sales	5,309.1	6,747.4	4,709.3	2,063.1	0.0	18,828.9

Operating income (loss)

Inline XBRL

Highlight all tags

Line item

ifrs-full:Revenue

Value

€ 5,318,900,000.00

Period

2014-01-01 to 2014-12-31

ifrs-full:SegmentConsolidationItemsAxis

ifrs-full:OperatingSegmentsMember

ifrs-full:SegmentsAxis

faurecia:AutomotiveSeatingMember

Units

iso4217:EUR

Entity

[969500F0VMZLK2IULV85](#)

LEI Reference Data

[Back to LEI Search](#)

FAURECIA

 NANTERRE, France

[in Share](#) [Tweet](#)

Entity details

LEI	969500F0VMZLK2IULV85
LEGAL NAME	FAURECIA
OTHER ENTITY NAMES	FAURECIA
BUSINESS REGISTER	FR001
BUSINESS REGISTER ENTITY ID	542005376
LEGAL JURISDICTION	FR

Using iXBRL

- iXBRL is rapidly becoming the default choice for Open Reporting
- Expecting ESD-TF to recommend its use in such environments
- Can be used with or without extensions
 - Can reduce reliance on extensions *in some environments*

iXBRL and Entity Specific Disclosures (ESDs)

- Neither iXBRL nor XBRL are magic
- If you don't require comparable data, you won't get it
- Accounting standards were developed for a paper-based world with human consumers
- Need to find a better balance between consumer desire for consistent data, and the need for a true and fair view of an entity's financial performance

OIM, XBRL-JSON & XBRL-CSV

OIM, xBRL-JSON & xBRL-CSV: Why?

Problem 1:

- XML has not aged well
- Developers see working with XML as a burden
- XBRL v2.1, as currently drafted, is wedded to XML

OIM, XBRL-JSON & XBRL-CSV: Why?

Problem 2:

- XBRL v2.1 has evolved through addition of modules
- Later modules have made some features of earlier specs redundant
- Some of XBRL's most complex features are the least used

Open Information Model: Goals

- **Simplification:** supports a subset of what is possible in XBRL v2.1
- **Syntax independence:** allow simple, lossless transformation to different formats

xBRL-JSON & xBRL-CSV

- Additional, alternative formats for XBRL data
- A test for the OIM

xBRL-JSON

- Goal: make XBRL data easier to work with
- Primary use case: publication of received, validated XBRL data
- Key features:
 - Developer-friendly JSON syntax
 - Standalone facts (no contexts, no units)
 - Simplicity of representation
- Published as Candidate Recommendation

xBRL-CSV

- Goal: efficient representation of large, tabular reports
- Primary use case: collection of high-volume, record-based data
- Key features:
 - Leverages output of W3C's CSV-on-the-Web Working Group
 - Completely standard CSV file(s), accompanied by JSON metadata file
 - Comprehensible CSV files (for the right kind of data)
- Internal Working Draft

Summary

- Extending the power of XBRL, not replacing XBRL v2.1
- Future proofing the specification
- An opportunity for simplification

Get involved

- Join the Working Group, review the specs
- Steer your use of XBRL towards the OIM subset
- Publish some XBRL data in JSON

<https://specifications.xbrl.org>

pdw@xbrl.org