18th XBRL Europe Day

February 16th, 2017

Amsterdam, The Netherlands







Assurance

- Semansys Technologies
- Paul Snijders



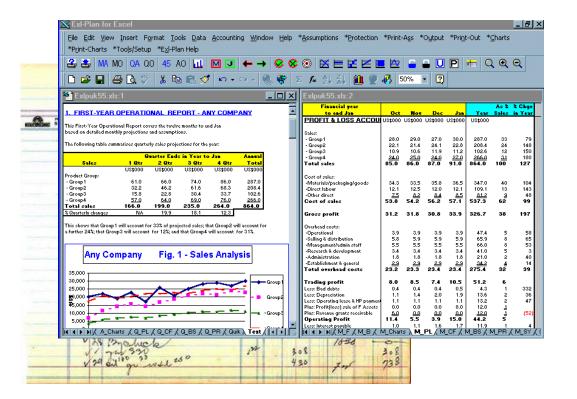


Completing the XBRL chain

- From where
- Today
- The need
- Our role
- Assurance Stack
- The last mile



Important lessons for us!



Financial intelligence firm reports that 95% of U.S. ms use spreadsheets for financial reporting Coda In spreadsheet inspection, nine experiments on using over 1,000 participants in awaii total have found average wson error detection rates of 60%!. utler. Errors were discovered in the Basel II.5 model, including, most significantly, an operational error in the calculation.

18th XBRL Europe Day

EuSpRiG

Risks Interest Group

We have to provide better results

- A EBA/EIOPA instance can be over 3 million lines of XML!
- Can be over 150.000

contexts

200.000 facts,

800.00 members

(meer dan 300.000 contexts)

```
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                                                                                                                                             reemding van eigen aandelen en certificate
                                                                                                                                                                                                           w2-i:ShareCapitalTreasurySharesPurchaseSaleDescription:
<=j-i:RevaluationReserveRevaluationsThroughIncomeStatement decimals="INF" contextRef="c15" unitRef="u0">250
<=j-i:IntangibleAssetsPutUpAsCollate=alFo=DebtsDesc=iption contextRef="c0">Beschrijving van immeterii«le 1
                                                                                                                                        activa ter zekerheid gesteld voor schulden</ri>
                                                                                                                                                                                                                 ssetsPutUpAsCollateralForDebtsDescription2
<rp-i:ProvisionLegalProceedingsPolicy contextRef-"c0">Grondslag van voorziening uit hoofde van claims/>
<ri-i:NegativeGoodwillIncomeStatementLineItemWhereRecognisedDescription contextRef-"c0">Beachritving va.
                                                                                                                                    post in de winst- en verliesrekening weeronder de negetie
                                                                                                                                                                                                                  i:NegativeGoodwillIncomeStatementLineItemWhereRecognisedDescription>
<venj-bw2-i:DepreciationPropertyPlantEquipmentAmortisationIntangibleAssetsPolicy contextRef-"c0">Grond
                                                                                                                                   van afschrijvingen op immateriä«le en materiä«le vaste activ
                                                                                                                                                                                                                       w2-i:DepreciationPropertyPlantEquipmentAmorticationIntangibleAssetsPolicy
<=j-i:ProvisionOne-ousContractsDisclosure contextRef-"c0">Informatieverschaffing over voorziening vooi
                                                                                                                                   ieslatende contractans/ri-i:ProvisionOnerousContractsDiscl
<kvk-i:LegalSireCriteriaClassification contextRef-"cl">Rlein</kvk-i:LegalSireCriteriaClassification;</pre>
<venj-bw2-i:CashAndCashEquivalentsDisclosure contextRef-"c0">Informatieverschaffing over liquide midd
                                                                                                                                    renj-bw2-i:CashAndCashEquivalentsDisclosure>
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                                                                                                                               ractens/e1-i:ProvisionOnerousContractsPolicy2
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                                                                                                                                 -"c0">161000</veni-bw2-i:ShareCapitalInTheCurrencyOfDenomination
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                                                                                                                                 ha-eCanitalNumbe-Sha-eeTeeve>
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                                                                                                                                 ShareCapitalNumberSharesIssue>
<venj-bw2-i:ShareCapitalNumberSharesPurchase decimals="INF" contextRef="c12" unitRef="u1">51000/ver
                                                                                                                                 i:ShareCapitalNumberSharesPurchase:
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nitRef-"u0">325000</venj-bw2-i:LegalReserveTranslationDiffer
                                                                                                                                                                                                                  sForeignParticipatingInterests>
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                                                                                                                                        /rj-i:RevaluationReserveRevaluationsThroughIncomeStat
<venj-bw2-i:OutcomeAssetsCurrentLessLisbilitiesCurrent decimals="INF" contextRef-"c2" unitRef-"u0">143800
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<venj-bw2-i:ProvisionPensionObligationsPolicy contextRef-"c0">Grondslag van voorziening voor pensioenenc/v
                                                                                                                                                rovisionPensionObligationsPolicy
<venj-bw2-i:EquityDisclosume contextRef-"c0">Informatieverschaffing over eigen vermogen</venj-bw2-i:EquityDis</pre>
<rj-i:RevaluationReserveRealisedRevaluationsThroughHedgedAssetsLiabilities decimals-"INF" contextRef-"cl4" unitR</pre>
<=j-i:IntangibleAssetsImpai=mentDesc=iption contextRef-"c0">Beschrijving van bijzondere waardeverminderingen van imma
                                                                                                                                                          vaste activas/=1-1:I
<venj-bw2-i:ShareCapitalNumberSharesPurchase decimals="INF" contextRef="cl3" unitRef="ul">52000</venj-bw2-i:ShareCa</pre>
<venj-bw2-i:Sha=eCapitalCont=ibutionInKindDesc=iption contextRef-"c0">Beschrijving van de inbreng anders dan in geld als aendele
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<=j-i:OffBalanceSheetLiabilitiesLiabilityClaimDesc=iption contextRef="c0">Beschrijving van niet in de belans opgenomen verplichtingen inzake eensprakelijk/=j-i:OffBalanceSheetLiab
<rrj-i:EquityContinuityDisclosume contextRef="c0">Informatieverschaffing over de continua teit met effect op het eigen vermogen/=j-i:EquityContinuityDisclosume
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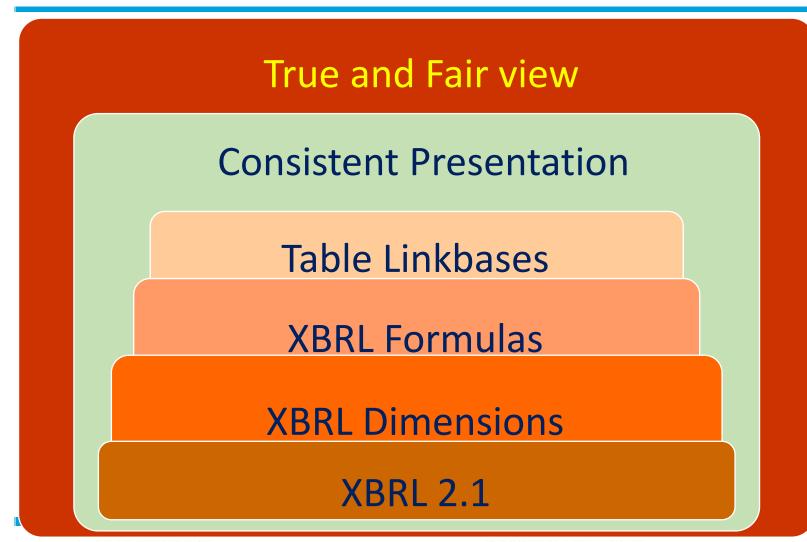
Report chain

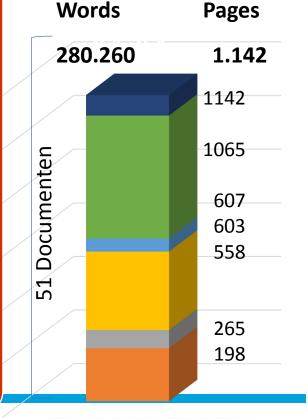
Assurance provider Control Audit Source XBRL Render Send

Formulas and tables are crucial

Formulas are a key instrument and Table layouts are essential parts of our delivery

Technology stack





Consistent Presentation: True and Fair view

Index

- Based on Uniforme Presentation
- Extended with Consistent rules

Use the tables!

Extra : → Table Hierarchy

Optioneel o.a.

- First page
- Table of Content (TOC)
- Scaling
- .

Annual report [title] Document and entity information [title] Entity information [title] Document information [title] Financial statement [title] Balance sheet [title] Notes to the financial statements [title] General notes [title] General accounting principles [title] Accounting principles [title]

Intangible assets [title]

Investment properties [title]

Property, plant and equipment [title]

Balance sheet [title]

Table Linkbase terminology

1	QName equal	25	data entry	49	path label
2	abstract rule node	26	data presentation	50	projection
3	aspect node	27	definition model	51	relationship source
4	aspect value equal	28	definition node	52	relationship node
5	aspect-node-filter relationship	29	definition-node-subtree relationship	53	resolution
6	axis	30	dimension relationship node	54	roll-up node
7	axis headers	31	domain of a table	55	rule node
8	breakdown	32	effective breakdown	56	rule set
9	breakdown definition	33	elimination	57	satisfy a constraint
10	breakdown-tree relationship	34	expansion	58	shape of a table
11	cell	35	expansion aspect	59	slice
12	cell label	36	fact source	60	slice label
13	children of a definition node	37	height balancing	61	structural model
14	closed breakdown	38	layout	62	structural node
15	closed definition node	39	layout model	63	table
16	closed structural node	40	layout process	64	table parameter
17	closed table	41	layout table	65	table set
18	compilation	42	merged rule node	66	table-breakdown relationship
19	complemented aspect-node-filter relationship	43	open breakdown	67	table-filter relationship
20	concept relationship node	44	open definition node	68	table-parameter relationship
21	constraint	45	open structural node	69	tag selector
22	constraint set	46	open table	70	tagged constraint
23	contributing facts	47	participating aspect	71	tree walk
24	coordinate	48	participating dimension	72	uniform depth tree
	Septiments of the septiment of the septi		Commence Comments	73	unpopulated slice

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Formulas and tables are two sides of the coin

	Current			Previous		
Financial assets	1.200.000				1.100.000	
	concept	venj-bw2-i:FinancialAssets	у	concept	venj-bw2-i:FinancialAssets	
	period	31-12-203	L6 x	period	31-12-2015	
	venj-bw2-dim: FinancialStatementsTypeAxis	venj-bw2-dm:SeparateMember	x	venj-bw2-dim: FinancialStatementsTypeAxis	venj-bw2-dm:SeparateMember	
	venj-bw2-dim:BasisOfPreparationAxis	venj-bw2-dm:CommercialMember	x	venj-bw2-dim: BasisOfPreparationAxis	venj-bw2-dm:CommercialMember	
Non-current assets	2.935.000			2.630.000		
	concept	venj-bw2-i:AssetsNoncurrent	у	concept	venj-bw2-i:AssetsNoncurrent	у
	period	31-12-2016 x		period	31-12-2015 x	
	venj-bw2-dim: FinancialStatementsTypeAxis	venj-bw2-dm:SeparateMember	x	venj-bw2-dim: FinancialStatementsTypeAxis	venj-bw2-dm:SeparateMember	x
	venj-bw2-dim:BasisOfPreparationAxis	venj-bw2-dm:CommercialMember	x	venj-bw2-dim: BasisOfPreparationAxis	venj-bw2-dm:CommercialMember	х
Inventories	150.000					
	concept	venj-bw2-i:Inventories	у	concept	venj-bw2-i:Inventories	у
	venj-bw2-dim:		period	31-12-2015	х	
			venj-bw2-dim: FinancialStatementsTypeAxis	venj-bw2-dm:SeparateMember x		
	venj-bw2-dim: BasisOfPreparationAxis	venj-bw2-dm:CommercialMember	x	venj-bw2-dim: BasisOfPreparationAxis	venj-bw2-dm:CommercialMember	х

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Example

- Balance
- Notes
- Movement

Voorbeeld onderneming te Hoofddorp

Voorbeeld onderneming te Hoofddorp

Voorbeeld onderneming te Hoofddorp

 Overzicht materi 	iële vaste activa 2010)			
	Aanschafwaarde 01-01-2010	Boekwaarde 01-01-2010	Aankopen/ verkopen	Afschrijving 2010	Boekwaa 31-12-20
Inventaris					
Bureaustoel	470	329	0	75	254
	470	329	0	75	254
Computers en aanverwanten					
Apple computer	1.817	908	0	290	618
Canon digitale camera	2.269	1.527	0	363	1.164
IBM Fire Wire kast	653	376	0	104	263
	4.739	2.811	0	757	2.045
Totaal	5.209	2.811	0	1.674	1.137

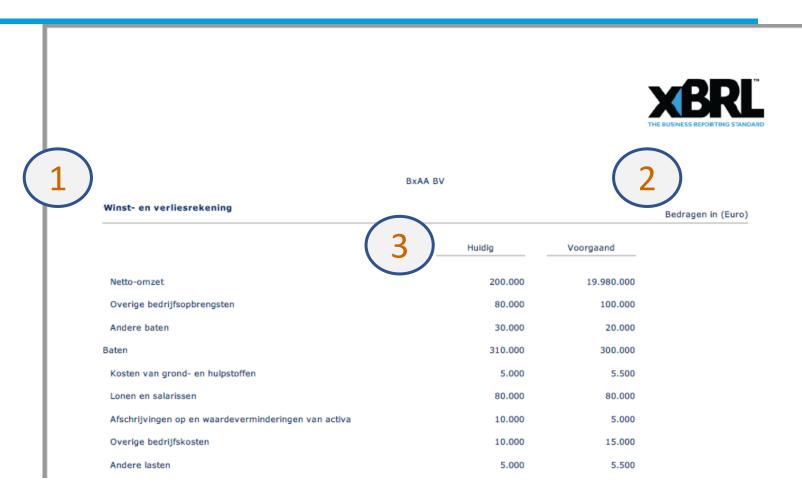
Entity and document information



Informatie over de rechtspersoon	a BV
2. Informatie over de rechtspersoon	
Naam van de rechtspersoon	BxAA BV
Rechtsvorm van de rechtspersoon	
Besloten vennootschap met beperkte aansprakelijkheid	
Zetel van de rechtspersoon	Den Haag
Registratienummer bij de Kamer van Koophandel	30267975
Classificatie van de rechtspersoon op basis van de wettelijke groottecriteria	Micro
Straatnaam NL	Noordeinde
Huisnummer NL	68
Postcode NL	2514GL
Vestigingsplaats NL	Den Haag

Use of Tables

- 1. Table Hierarchy order
- 2. Amounts in ...
- 3. Current Previous



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Optional

- 6. Entity name
- 7. Scaling factor
- 8. Amounts in ...
- 9. Style for totals



	Unidia	Voormand
	Huidig	Voorgaand
Immateriële vaste activa	3.200	
Materiële vaste activa	20.800	518
Vastgoedbeleggingen	560	
Financiële vaste activa	4.800	
Vaste activa	<u>28.800</u>	9
Voorraden	2.400	
Onderhanden projecten in opdracht van derden	1.600	
(activa)		
Vorderingen	16.800	
Effecten	16.800	
Liquide middelen	16.800	
Vlottende activa	16.800	
Activa	54.400	
Aandeel van derden	800	
Eigen vermogen	33.600	
Groepsvermogen	34.400	
Voorzieningen	4.000	
Langlopende schulden (nog voor meer dan een jaar)	12.000	
Kortlopende schulden (ten hoogste 1 jaar)	4.800	

Optional

10. Long texts

11. Short facts



Optioneel

12. First page

Information page

12

Rapportage-informatie

Bedrijf Dijkveld Transport B.V

Registratienummer 215874-25
Bedragen in Euro
Jaarrekening is Enkelvoudig

February 16th, 2017

Contact informatie

Intermediair

Bonus

Optioneel

13. Logo

16. Footer



Dijkveld Transport B.V

2. Geconsolideerde balans (scontro)

Bedragen in ('000' Euro)

	Huidig	Voorgaand	
Immateriële vaste activa	3.200		
Materiële vaste activa	20.800	518	
Vastgoedbeleggingen	560		

14 Semansys

Report presented with compliments of Semansys Technologies. Report is for information purposes only.

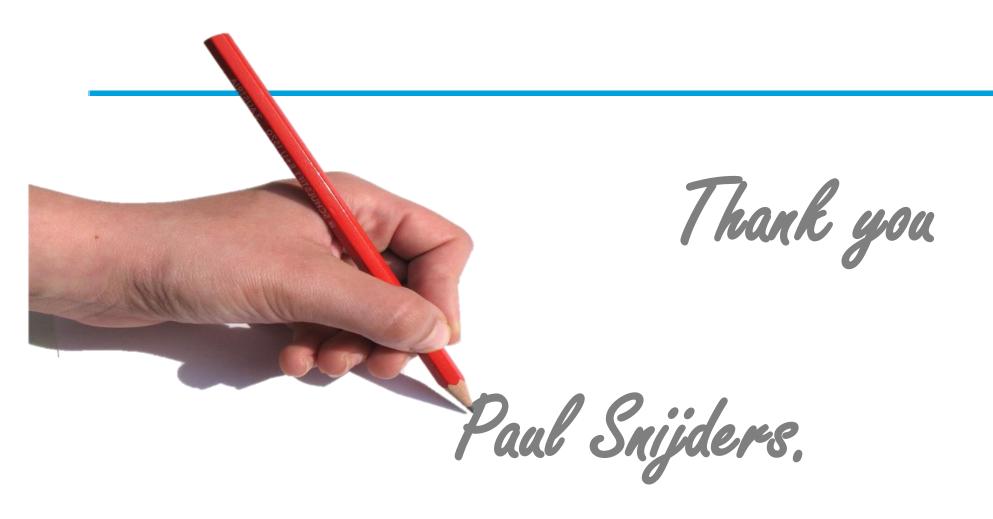
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Page 6

XBRL >> the biggest innovation you will not see







www.semansys.com paul.snijders@semansys.com