

# IFRS Reporting Styles

Charles Hoffman, CPA

Charles.Hoffman@me.com

Revised 2018-08-13

**CC0 1.0 Universal (CC0 1.0)  
Public Domain Dedication**

CC0 1.0 Universal (CC0 1.0) Public Domain Dedication <https://creativecommons.org/publicdomain/zero/1.0/>

# Summary

- **Reporting Style Details:** <http://www.xbrlsite.com/2018/Prototype/ReportingStylesIFRS/Index.html>
- **List of 406 IFRS reports used for testing:** <http://www.xbrlsite.com/2018/IFRS/ListOfIFRS-BasedReports.html>
- **Empirical Evidence:** <http://www.xbrlsite.com/2018/IFRS/EmpiricalEvidence.zip>
- **More information:** <http://xbrl.squarespace.com/journal/2018/7/14/updated-list-of-ifrs-filings.html>
- **Understanding reporting styles:** <http://xbrl.squarespace.com/journal/2017/12/9/making-the-case-for-reporting-styles.html>

Note that this is not a complete test of all IFRS-based financial reports, rather it is a test of 406 specific financial reports that have been submitted to the U.S. SEC which use IFRS. Similar testing of the complete set of approximately 7,000 US GAAP-based financial reports shows that all those reports can be distilled down to approximately 100 reporting styles with 90% of US GAAP reports fitting into about 25 reporting styles.

Exactly four balance sheet styles account for all 406 IFRS financial reports: BSC 342 (84%); BSU 35 (9%); BS5 19 (5%); BS4 10 (2%). Of the 406, 90% are consistent with one of these four reporting styles, 10% have one or more identifiable errors.

## **BALANCE SHEET**

# BSC (Classified balance sheet)

Balance Sheet [Line Items]	Period [Axis]	
	2017-12-31	
	Fact	
	Value	Origin
<b>Assets [Roll Up]</b>		
Current Assets	278,719,000	fac:CurrentAssets[ifrs-full:CurrentAssets[278,719,000]]
Noncurrent Assets	437,153,000	fac:NoncurrentAssets[437,153,000] = fac:Assets[ifrs-full:Assets[715,872,000]] - fac:CurrentAssets[ifrs-full:CurrentAssets[278,719,000]]
<b>Assets</b>	<b>715,872,000</b>	fac:Assets[ifrs-full:Assets[715,872,000]]
<b>Liabilities and Equity [Roll Up]</b>		
<b>Liabilities [Roll Up]</b>		
Current Liabilities	143,438,000	fac:CurrentLiabilities[ifrs-full:CurrentLiabilities[143,438,000]]
Noncurrent Liabilities	317,712,000	fac:NoncurrentLiabilities[317,712,000] = fac:Liabilities[ifrs-full:Liabilities[461,150,000]] - fac:CurrentLiabilities[ifrs-full:CurrentLiabilities[143,438,000]]
<b>Liabilities</b>	<b>461,150,000</b>	fac:Liabilities[ifrs-full:Liabilities[461,150,000]]
<b>Equity [Roll Up]</b>		
Equity Attributable to Parent	248,133,000	fac:EquityAttributableToParent[ifrs-full:EquityAttributableToOwnersOfParent[248,133,000]]
Equity Attributable to Noncontrolling Interest	6,589,000	fac:EquityAttributableToNoncontrollingInterest[ifrs-full:EquityAttributableToNoncontrollingInterests[6,589,000]]
<b>Equity</b>	<b>254,722,000</b>	fac:Equity[ifrs-full:Equity[254,722,000]]
<b>Liabilities and Equity</b>	<b>715,872,000</b>	fac:LiabilitiesAndEquity[ifrs-full:EquityAndLiabilities[715,872,000]]

Statement of financial position [abstract]	Period [Axis]	
	2017-12-31	2016-12-31
<b>Statement of financial position [abstract]</b>		
<b>ASSETS</b>		
Cash	9,093,000	20,956,000
Trade receivables	106,634,000	90,122,000
Inventories (Note 7)	128,233,000	103,470,000
Parts and supplies	18,571,000	16,368,000
Other current assets (Note 8)	16,188,000	11,321,000
<b>Current assets</b>	<b>278,719,000</b>	<b>242,237,000</b>
Property, plant and equipment (Note 9)	313,520,000	233,478,000
Goodwill (Note 16)	41,690,000	30,841,000
Intangible assets (Note 11)	47,318,000	34,050,000
Deferred tax assets (Note 5)	27,627,000	36,611,000
Other assets (Note 10)	6,998,000	3,380,000
<b>Total assets</b>	<b>715,872,000</b>	<b>580,597,000</b>
<b>LIABILITIES</b>		
Accounts payable and accrued liabilities	104,812,000	98,016,000
Share-based compensation liabilities, current (Note 15)	10,265,000	2,200,000
Call option redemption liability (Note 21)	12,725,000	0
Provisions, current (Note 14)	657,000	3,851,000
Borrowings, current (Note 13)	14,979,000	7,604,000
<b>Current liabilities</b>	<b>143,438,000</b>	<b>111,671,000</b>
Borrowings, non-current (Note 13)	264,484,000	172,221,000
Pension, post-retirement and other long-term employee benefits (Note 17)	29,298,000	30,832,000
Share-based compensation liabilities, non-current (Note 15)	4,984,000	296,000
Non-controlling interest put options (Note 21)	0	10,020,000
Deferred tax liabilities (Note 5)	13,769,000	9,332,000
Provisions, non-current (Note 14)	3,221,000	2,040,000
Other liabilities	1,956,000	1,242,000
<b>Total liabilities</b>	<b>461,150,000</b>	<b>337,654,000</b>
<b>EQUITY</b>		
Capital stock (Note 15)	350,759,000	351,203,000
Contributed surplus (Note 15)	17,530,000	29,585,000
Deficit	(106,687,000)	(124,605,000)
Accumulated other comprehensive loss	(13,469,000)	(19,647,000)
<b>Total equity attributable to Company shareholders</b>	<b>248,133,000</b>	<b>236,536,000</b>
Non-controlling interests	6,589,000	6,407,000
<b>Total equity</b>	<b>254,722,000</b>	<b>242,943,000</b>
<b>Total liabilities and equity</b>	<b>715,872,000</b>	<b>580,597,000</b>

# BSU (Unclassified balance sheet)

Balance Sheet [Line Items]	Period [Axis]	
	2017-12-31	
	Fact	
	Value	Origin
<b>Assets [Roll Up]</b>		
Assets	6,267,747,000	fac:Assets[ifrs-full:Assets[6,267,747,000]]
<b>Liabilities and Equity [Roll Up]</b>		
<b>Liabilities [Roll Up]</b>		
Liabilities	5,224,935,000	fac:Liabilities[ifrs-full:Liabilities[5,224,935,000]]
<b>Equity [Roll Up]</b>		
Equity Attributable to Parent	1,042,812,000	fac:EquityAttributableToParent[1,042,812,000] = fac:Equity[ifrs-full:Equity[1,042,812,000]]
Equity Attributable to Noncontrolling Interest	0	fac:EquityAttributableToNoncontrollingInterest[0] = fac:Equity[ifrs-full:Equity[1,042,812,000]] - fac:EquityAttributableToParent[1,042,812,000]
Equity	1,042,812,000	fac:Equity[ifrs-full:Equity[1,042,812,000]]
Liabilities and Equity	6,267,747,000	fac:LiabilitiesAndEquity[ifrs-full:EquityAndLiabilities[6,267,747,000]]

Statement of financial position [abstract]	Period [Axis]	
	2017-12-31	2016-12-31
<b>Statement of financial position [abstract]</b>		
<b>Assets</b>		
Cash and cash equivalents	672,048,000	1,069,538,000
<b>Financial Instruments:</b>		
At fair value through OCI	25,135,000	30,607,000
Securities at amortized cost, net	68,934,000	77,214,000
Loans	5,505,658,000	6,020,731,000
<b>Less:</b>		
Allowance for expected credit losses	81,294,000	105,988,000
Unearned interest and deferred fees	4,985,000	7,249,000
Loans, net	5,419,379,000	5,907,494,000
Derivative financial instruments used for hedging - receivable	13,338,000	9,332,000
Property and equipment, net	7,420,000	8,549,000
Intangibles, net	5,425,000	2,909,000
<b>Other assets:</b>		
Customers' liabilities under acceptances	6,369,000	19,387,000
Accrued interest receivable	30,872,000	44,187,000
Other assets	18,827,000	11,546,000
Total of other assets	56,068,000	75,120,000
<b>Total assets</b>	<b>6,267,747,000</b>	<b>7,180,783,000</b>
<b>Liabilities and stockholders' equity</b>		
<b>Deposits:</b>		
Noninterest-bearing - Demand	420,000	1,617,000
Interest-bearing - Demand	81,644,000	125,397,000
Time	2,846,780,000	2,675,838,000
Total deposits	2,928,844,000	2,802,852,000
Derivative financial instruments used for hedging - payable	34,943,000	59,686,000
Financial liabilities through profit or loss	0	24,000
Short-term borrowings and debt	1,072,723,000	1,470,075,000
Long-term borrowings and debt, net	1,138,844,000	1,776,738,000
<b>Other liabilities:</b>		
Acceptances outstanding	6,369,000	19,387,000
Accrued interest payable	15,816,000	16,603,000
Allowance for expected credit losses on loan commitments and financial guarantees contracts	6,845,000	5,776,000
Other liabilities	20,551,000	18,328,000
Total other liabilities	49,581,000	60,094,000
<b>Total liabilities</b>	<b>5,224,935,000</b>	<b>6,169,469,000</b>
<b>Stockholders' equity:</b>		
Common stock	279,980,000	279,980,000
Treasury stock	(63,248,000)	(69,176,000)
Additional paid-in capital in excess of assigned value of common stock	119,941,000	120,594,000
Capital reserves	95,210,000	95,210,000
Retained earnings	608,966,000	587,507,000
Accumulated other comprehensive income (loss)	1,963,000	(2,801,000)
Total stockholders' equity	1,042,812,000	1,011,314,000
<b>Total liabilities and stockholders' equity</b>	<b>6,267,747,000</b>	<b>7,180,783,000</b>

# BS5 (Net Assets/Liabilities)

Balance Sheet [Line Items]	Period [Axis]	
	2017-12-31	
	Value	Origin
<b>Net Assets (Liabilities) [Roll Up]</b>		
<b>Assets [Roll Up]</b>		
Current Assets	13,150,000,000	fac:CurrentAssets[ifrs-full:CurrentAssets[13,150,000,000]]
Noncurrent Assets	50,204,000,000	fac:NoncurrentAssets[ifrs-full:NoncurrentAssets[50,204,000,000]]
<b>Assets</b>	<b>63,354,000,000</b>	<b>fac:Assets[ifrs-full:Assets[63,354,000,000]]</b>
<b>Liabilities [Roll Up]</b>		
Current Liabilities	16,383,000,000	fac:CurrentLiabilities[ifrs-full:CurrentLiabilities[16,383,000,000]]
Noncurrent Liabilities	30,329,000,000	fac:NoncurrentLiabilities[ifrs-full:NoncurrentLiabilities[30,329,000,000]]
<b>Liabilities</b>	<b>46,712,000,000</b>	<b>fac:Liabilities[ifrs-full:Liabilities[46,712,000,000]]</b>
<b>Net Assets (Liabilities)</b>	<b>16,642,000,000</b>	<b>fac:NetAssetsLiabilities[ifrs-full:NetAssetsLiabilities[16,642,000,000]]</b>
<b>Equity [Roll Up]</b>		
Equity Attributable to Parent	14,960,000,000	fac:EquityAttributableToParent[ifrs-full:EquityAttributableToOwnersOfParent[14,960,000,000]]
Equity Attributable to Noncontrolling Interest	1,682,000,000	fac:EquityAttributableToNoncontrollingInterest[ifrs-full:NoncontrollingInterests[1,682,000,000]]
<b>Equity</b>	<b>16,642,000,000</b>	<b>fac:Equity[ifrs-full:Equity[16,642,000,000]]</b>

Statement of financial position [abstract]	Period [Axis]		
	2017-12-31	2016-12-31	2015-12-31
<b>Statement of financial position [abstract]</b>			
<b>Assets.</b>			
<b>Non-current assets</b>			
Property, plant and equipment	7,615,000,000	6,848,000,000	6,413,000,000
Goodwill	11,825,000,000	11,658,000,000	11,800,000,000
Intangible assets	26,188,000,000	27,586,000,000	22,646,000,000
Investments in associates and joint ventures	103,000,000	99,000,000	85,000,000
Other investments	933,000,000	727,000,000	458,000,000
Derivative financial instruments	504,000,000	343,000,000	446,000,000
Other receivables	847,000,000	901,000,000	907,000,000
Deferred tax assets	2,189,000,000	1,102,000,000	1,294,000,000
<b>Total non-current assets</b>	<b>50,204,000,000</b>	<b>49,264,000,000</b>	<b>44,049,000,000</b>
<b>Current assets</b>			
Inventories	3,035,000,000	2,334,000,000	2,143,000,000
Trade and other receivables	5,009,000,000	4,573,000,000	6,622,000,000
Other investments	1,230,000,000	884,000,000	613,000,000
Derivative financial instruments	28,000,000	27,000,000	2,000,000
Income tax receivable	524,000,000	426,000,000	387,000,000
Cash and cash equivalents	3,324,000,000	5,018,000,000	6,240,000,000
<b>Total current assets</b>	<b>13,150,000,000</b>	<b>13,262,000,000</b>	<b>16,007,000,000</b>
<b>Total assets</b>	<b>63,354,000,000</b>	<b>62,526,000,000</b>	<b>60,056,000,000</b>
<b>Liabilities.</b>			
<b>Current liabilities</b>			
Interest-bearing loans and borrowings	(2,247,000,000)	(2,307,000,000)	(916,000,000)
Trade and other payables	(11,641,000,000)	(10,486,000,000)	(11,663,000,000)
Derivative financial instruments	(24,000,000)	(18,000,000)	(9,000,000)
Provisions	(1,121,000,000)	(1,065,000,000)	(798,000,000)
Income tax payable	(1,350,000,000)	(1,380,000,000)	(1,483,000,000)
<b>Current liabilities</b>	<b>(16,383,000,000)</b>	<b>(15,256,000,000)</b>	<b>(14,869,000,000)</b>
<b>Non-current liabilities</b>			
Interest-bearing loans and borrowings	(15,560,000,000)	(14,501,000,000)	(14,137,000,000)
Derivative financial instruments	(4,000,000)	(117,000,000)	(1,000,000)
Deferred tax liabilities	(3,995,000,000)	(3,956,000,000)	(2,665,000,000)
Retirement benefit obligations	(2,583,000,000)	(2,186,000,000)	(1,974,000,000)
Provisions	(347,000,000)	(353,000,000)	(444,000,000)
Other payables	(7,840,000,000)	(9,488,000,000)	(7,457,000,000)
<b>Total non-current liabilities</b>	<b>(30,329,000,000)</b>	<b>(30,601,000,000)</b>	<b>(26,678,000,000)</b>
<b>Total liabilities</b>	<b>(46,712,000,000)</b>	<b>(45,857,000,000)</b>	<b>(41,547,000,000)</b>
<b>Net assets/(liability)</b>	<b>16,642,000,000</b>	<b>16,669,000,000</b>	<b>18,509,000,000</b>
<b>Equity</b>			
Share capital	317,000,000	316,000,000	316,000,000
Share premium account	4,393,000,000	4,351,000,000	4,304,000,000
Capital redemption reserve	153,000,000	153,000,000	153,000,000
Merger reserve	448,000,000	448,000,000	448,000,000
Other reserves	1,428,000,000	1,446,000,000	1,435,000,000
Retained earnings	8,221,000,000	8,140,000,000	11,834,000,000
<b>Total equity attributable to owners of parent</b>	<b>14,960,000,000</b>	<b>14,854,000,000</b>	<b>18,490,000,000</b>
Non-controlling interests	1,682,000,000	1,815,000,000	19,000,000
<b>Total equity</b>	<b>16,642,000,000</b>	<b>16,669,000,000</b>	<b>18,509,000,000</b>

# BS4 (Not allowed)

Balance Sheet [Line Items]	Period [Axis]	
	2017-12-31	
	Value	Fact
<b>Assets [Roll Up]</b>		
Current Assets	3,875,000,000	fac:CurrentAssets[ifrs-full:CurrentAssets[3,875,000,000]]
Noncurrent Assets	15,113,000,000	fac:NoncurrentAssets[ifrs-full:NoncurrentAssets[15,113,000,000]]
Assets Held for Sale	533,000,000	fac:AssetsHeldForSale[ifrs-full:NoncurrentAssetsOrDisposalGroupsClassifiedAsHeldForSale[533,000,000]]
<b>Assets</b>	<b>19,521,000,000</b>	fac:Assets[ifrs-full:Assets[19,521,000,000]]
<b>Liabilities and Equity [Roll Up]</b>		
<b>Liabilities [Roll Up]</b>		
Current Liabilities	4,607,000,000	fac:CurrentLiabilities[ifrs-full:CurrentLiabilities[4,607,000,000]]
Noncurrent Liabilities	10,937,000,000	fac:NoncurrentLiabilities[ifrs-full:NoncurrentLiabilities[10,937,000,000]]
Liabilities Held for Sale	50,000,000	fac:LiabilitiesHeldForSale[ifrs-full:LiabilitiesIncludedInDisposalGroupsClassifiedAsHeldForSale[50,000,000]]
<b>Liabilities</b>	<b>15,594,000,000</b>	fac:Liabilities[15,594,000,000] = fac:CurrentLiabilities[ifrs-full:CurrentLiabilities[4,607,000,000]] + fac:NoncurrentLiabilities[ifrs-full:NoncurrentLiabilities[10,937,000,000]] + fac:LiabilitiesHeldForSale[ifrs-full:LiabilitiesIncludedInDisposalGroupsClassifiedAsHeldForSale[50,000,000]]
<b>Equity [Roll Up]</b>		
Equity Attributable to Parent	4,352,000,000	fac:EquityAttributableToParent[ifrs-full:EquityAttributableToOwnersOfParent[4,352,000,000]]
Equity Attributable to Noncontrolling Interest	(425,000,000)	fac:EquityAttributableToNoncontrollingInterest[ifrs-full:NoncontrollingInterests[-425,000,000]]
<b>Equity</b>	<b>3,927,000,000</b>	fac:Equity[ifrs-full:Equity[3,927,000,000]]
<b>Liabilities and Equity</b>	<b>19,521,000,000</b>	fac:LiabilitiesAndEquity[ifrs-full:EquityAndLiabilities[19,521,000,000]]

Note that this reporting style is NOT ALLOWED. The reporting entity is using incorrect concepts to represent current assets and current liabilities.

CONSOLIDATED STATEMENT OF FINANCIAL POSITION	Period [Axis]	
	2017-12-31	2016-12-31
<b>CONSOLIDATED STATEMENT OF FINANCIAL POSITION</b>		
<b>Assets</b>		
<b>Non-current assets</b>		
Property and equipment	6,097,000,000	6,719,000,000
Intangible assets	2,168,000,000	2,257,000,000
Goodwill	4,394,000,000	4,696,000,000
Investments in joint ventures and associates	1,921,000,000	2,179,000,000
Deferred tax assets	272,000,000	343,000,000
Non-current income tax advance	28,000,000	25,000,000
Other financial assets	34,000,000	306,000,000
Other assets	199,000,000	118,000,000
<b>Total non-current assets</b>	<b>15,113,000,000</b>	<b>16,643,000,000</b>
<b>Current assets</b>		
Inventories	72,000,000	125,000,000
Trade and other receivables	745,000,000	685,000,000
Other assets	394,000,000	439,000,000
Current income tax assets	230,000,000	169,000,000
Other financial assets	1,130,000,000	190,000,000
Cash and cash equivalents	1,304,000,000	2,942,000,000
<b>Total current assets</b>	<b>3,875,000,000</b>	<b>4,550,000,000</b>
<b>Assets classified as held for sale</b>	<b>533,000,000</b>	
<b>Total assets</b>	<b>19,521,000,000</b>	<b>21,193,000,000</b>
<b>Equity and liabilities</b>		
<b>Equity</b>		
Equity attributable to equity owners of the parent	4,352,000,000	5,960,000,000
Non-controlling interests	(425,000,000)	83,000,000
<b>Total equity</b>	<b>3,927,000,000</b>	<b>6,043,000,000</b>
<b>Non-current liabilities</b>		
Financial liabilities	10,362,000,000	8,070,000,000
Provisions	116,000,000	148,000,000
Other liabilities	83,000,000	44,000,000
Deferred tax liabilities	375,000,000	331,000,000
<b>Total non-current liabilities</b>	<b>10,937,000,000</b>	<b>8,593,000,000</b>
<b>Current liabilities</b>		
Trade and other payables	1,523,000,000	1,744,000,000
Other liabilities	1,346,000,000	1,236,000,000
Other financial liabilities	1,268,000,000	3,046,000,000
Current income tax payables	48,000,000	57,000,000
Provisions	422,000,000	474,000,000
<b>Total current liabilities</b>	<b>4,607,000,000</b>	<b>6,557,000,000</b>
<b>Liabilities associated with assets held for sale</b>	<b>50,000,000</b>	
<b>Total equity and liabilities</b>	<b>19,521,000,000</b>	<b>21,193,000,000</b>

At this point four income statement styles account for all 406 IFRS financial reports: (this is a work in progress) ISFUNC6 155 (38%); ISNATU1 88 (22%); ISNATU6 38 (9%); ISFUNC7 7 (2%); ISFUNC8 18 (4%); ISFUNC9 27 (7%); UNKNOWN 73 (18%). Of the 406, 369 (91%) are consistent with one of these six reporting styles, 37 (9%) have one or more identifiable errors. (Note that income statement validation is turned off for UNKNOWN income statement reporting styles.)

# INCOME STATEMENT



# ISFUNC6 (Gross profit and operating income (loss) are reported

Income Statement [Line Items]	Period [Axis]	
	2017-01-01 - 2017-12-31	
	Value	Origin
<b>Net Income (Loss) [Roll Up]</b>		
<b>Income (Loss) from Continuing Operations After Tax [Roll Up]</b>		
<b>Income (Loss) from Continuing Operations Before Tax [Roll Up]</b>		
<b>Operating Income (Loss) [Roll Up]</b>		
<b>Gross Profit [Roll Up]</b>		
Revenues	4,318,073,000	fac:Revenues[ifrs-full:Revenue[4,318,073,000]]
Cost of Revenue	2,166,062,000	fac:CostOfRevenue[ifrs-full:CostOfSales[2,166,062,000]]
Gross Profit	2,152,011,000	fac:GrossProfit[ifrs-full:GrossProfit[2,152,011,000]]
Operating Expenses	1,148,668,000	fac:OperatingExpenses[1,148,668,000] = fac:GrossProfit[ifrs-full:GrossProfit[2,152,011,000]] - fac:OperatingIncomeLoss[ifrs-full:ProfitLossFromOperatingActivities[1,003,343,000]]
Operating Income (Loss)	1,003,343,000	fac:OperatingIncomeLoss[ifrs-full:ProfitLossFromOperatingActivities[1,003,343,000]]
Nonoperating Income (Loss)	(307,621,000)	fac:NonoperatingIncomeLoss[-307,621,000] = fac:IncomeLossFromContinuingOperationsBeforeTax[ifrs-full:ProfitLossBeforeTax[695,722,000]] - fac:OperatingIncomeLoss[ifrs-full:ProfitLossFromOperatingActivities[1,003,343,000]]
Income (Loss) from Continuing Operations Before Tax	695,722,000	fac:IncomeLossFromContinuingOperationsBeforeTax[ifrs-full:ProfitLossBeforeTax[695,722,000]]
Income Tax Expense (Benefit)	34,408,000	fac:IncomeTaxExpenseBenefit[ifrs-full:IncomeTaxExpenseContinuingOperations[34,408,000]]
Income (Loss) from Continuing Operations After Tax	661,314,000	fac:IncomeLossFromContinuingOperationsAfterTax[ifrs-full:ProfitLossFromContinuingOperations[661,314,000]]
Income (Loss) from Discontinued Operations, Net of Tax	0	fac:IncomeLossFromDiscontinuedOperationsNetOfTax[0] = 0
Net Income (Loss)	661,314,000	fac:NetIncomeLoss[ifrs-full:ProfitLoss[661,314,000]]

Consolidated Statements of Profit and Loss	Period [Axis]		
	2017-01-01 - 2017-12-31	2016-01-01 - 2016-12-31	2015-01-01 - 2015-12-31
<b>Consolidated Statements of Profit and Loss</b>			
<b>Continuing Operations</b>			
Net revenue	4,318,073,000	4,049,830,000	3,934,563,000
Cost of sales	(2,166,062,000)	(2,137,539,000)	(2,003,565,000)
Gross profit	2,152,011,000	1,912,291,000	1,930,998,000
Research and Development	(288,320,000)	(197,617,000)	(224,193,000)
Selling, General and Administration expenses	(860,348,000)	(775,266,000)	(736,435,000)
Operating Expenses	(1,148,668,000)	(972,883,000)	(960,628,000)
Operating Result	1,003,343,000	939,408,000	970,370,000
Finance income	9,678,000	9,934,000	5,841,000
Finance costs	(263,344,000)	(244,829,000)	(240,335,000)
Change in fair value of financial instruments	(3,752,000)	(7,610,000)	(25,206,000)
Impairment and gains / (losses) on disposal of financial instruments	(18,844,000)		
Exchange differences	(11,472,000)	8,916,000	(12,140,000)
Finance result	(287,734,000)	(233,589,000)	(271,840,000)
Share of losses of equity accounted investees	(19,887,000)	6,933,000	(8,280,000)
Profit before income tax from continuing operations	695,722,000	712,752,000	690,250,000
Income tax expense	(34,408,000)	(168,209,000)	(158,809,000)
Profit after income tax from continuing operations	661,314,000	544,543,000	531,441,000
Consolidated profit for the year	661,314,000	544,543,000	531,441,000

# ISNATU1 (Gross profit NOT reported, Operating income (loss) reported)

Income Statement [Line Items]	Period [Axis]	
	2017-01-01 - 2017-12-31	
	Value	Origin
<b>Net Income (Loss) [Roll Up]</b>		
<b>Income (Loss) from Continuing Operations After Tax [Roll Up]</b>		
<b>Income (Loss) from Continuing Operations Before Tax [Roll Up]</b>		
<b>Operating Income (Loss) [Roll Up]</b>		
Revenues	442,911,000,000	fac:Revenues[ifrs-full:Revenue[442,911,000,000]]
Costs and Expenses	346,811,000,000	fac:CostsAndExpenses[346,811,000,000] = fac:Revenues[ifrs-full:Revenue[442,911,000,000]] - fac:OperatingIncomeLoss[ifrs-full:ProfitLossFromOperatingActivities[96,100,000,000]]
Operating Income (Loss)	96,100,000,000	fac:OperatingIncomeLoss[ifrs-full:ProfitLossFromOperatingActivities[96,100,000,000]]
Nonoperating Income (Loss)	(20,533,000,000)	fac:NonoperatingIncomeLoss[-20,533,000,000] = fac:IncomeLossFromContinuingOperationsBeforeTax[ifrs-full:ProfitLossBeforeTax[75,567,000,000]] - fac:OperatingIncomeLoss[ifrs-full:ProfitLossFromOperatingActivities[96,100,000,000]]
Income (Loss) from Continuing Operations Before Tax	75,567,000,000	fac:IncomeLossFromContinuingOperationsBeforeTax[ifrs-full:ProfitLossBeforeTax[75,567,000,000]]
Income Tax Expense (Benefit)	18,977,000,000	fac:IncomeTaxExpenseBenefit[ifrs-full:IncomeTaxExpenseContinuingOperations[18,977,000,000]]
Income (Loss) from Continuing Operations After Tax	56,590,000,000	fac:IncomeLossFromContinuingOperationsAfterTax[ifrs-full:ProfitLossFromContinuingOperations[56,590,000,000]]
Income (Loss) from Discontinued Operations, Net of Tax	0	fac:IncomeLossFromDiscontinuedOperationsNetOfTax[0] = 0
Net Income (Loss)	56,590,000,000	fac:NetIncomeLoss[ifrs-full:ProfitLoss[56,590,000,000]]

CONSOLIDATED STATEMENTS OF PROFIT OR LOSS	Period [Axis]		
	2017-01-01 - 2017-12-31	2016-01-01 - 2016-12-31	2015-01-01 - 2015-12-31
<b>CONSOLIDATED STATEMENTS OF PROFIT OR LOSS</b>			
Service revenue	390,761,000,000	386,486,000,000	386,159,000,000
Sales of goods	52,150,000,000	49,206,000,000	40,480,000,000
Revenue	442,911,000,000	435,692,000,000	426,639,000,000
Cost of services	123,779,000,000	130,158,000,000	126,805,000,000
Cost of goods	45,623,000,000	45,574,000,000	36,555,000,000
Selling, general and administrative expenses	95,186,000,000	94,046,000,000	87,340,000,000
Depreciation and amortization	79,912,000,000	81,582,000,000	77,843,000,000
Operating share of the profit of associates	(3,210,000,000)	(3,115,000,000)	(3,456,000,000)
Provision for investments in distressed Ukrainian banks			1,698,000,000
Impairment of non-current assets	3,775,000,000	0	3,516,000,000
Other expenses / (income)	1,746,000,000	(222,000,000)	2,415,000,000
Operating profit	96,100,000,000	87,669,000,000	93,923,000,000
Finance income	(5,548,000,000)	(5,273,000,000)	(8,368,000,000)
Finance costs	26,064,000,000	27,136,000,000	26,422,000,000
Currency exchange (gain) / loss	(1,301,000,000)	(3,241,000,000)	6,154,000,000
Non-operating share of the loss of associates	436,000,000	1,287,000,000	3,780,000,000
Change in fair value of financial instruments	(110,000,000)	(166,000,000)	(1,014,000,000)
Other expenses / (income)	992,000,000	317,000,000	(54,000,000)
Profit before tax	75,567,000,000	67,609,000,000	67,003,000,000
Income tax expense	18,977,000,000	15,138,000,000	13,931,000,000
Profit for the year from continuing operations	56,590,000,000	52,471,000,000	53,072,000,000
Loss from discontinued operations		(4,021,000,000)	(5,668,000,000)
Profit for the year	56,590,000,000	48,450,000,000	47,404,000,000

# ISNATU6 (Neither gross profit nor operating income (loss) are reported)

Income Statement [Line Items]	Period [Axis]	
	2017-01-01 - 2017-12-31	
	Value	Origin
<b>Net Income (Loss) [Roll Up]</b>		
<b>Income (Loss) from Continuing Operations After Tax [Roll Up]</b>		
<b>Income (Loss) from Continuing Operations Before Tax [Roll Up]</b>		
Operating and Nonoperating Revenues	16,651,000,000	fact:OperatingAndNonoperatingRevenues[ifrs-full:Revenue[16,651,000,000]]
Operating and Nonoperating Costs and Expenses	13,778,000,000	fact:OperatingAndNonoperatingCostsAndExpenses[ifrs-full:ExpenseByNature[13,778,000,000]]
Income (Loss) from Continuing Operations Before Tax	2,873,000,000	fact:IncomeLossFromContinuingOperationsBeforeTax[ifrs-full:ProfitLossBeforeTax[2,873,000,000]]
Income Tax Expense (Benefit)	476,000,000	fact:IncomeTaxExpenseBenefit[ifrs-full:IncomeTaxExpenseContinuingOperations[476,000,000]]
Income (Loss) from Continuing Operations After Tax	2,397,000,000	fact:IncomeLossFromContinuingOperationsAfterTax[2,397,000,000] = fact:IncomeLossFromContinuingOperationsBeforeTax[ifrs-full:ProfitLossBeforeTax[2,873,000,000]] - fact:IncomeTaxExpenseBenefit[ifrs-full:IncomeTaxExpenseContinuingOperations[476,000,000]]
Income (Loss) from Discontinued Operations, Net of Tax	0	fact:IncomeLossFromDiscontinuedOperationsNetOfTax[0] = 0
Net Income (Loss)	2,397,000,000	fact:NetIncomeLoss[ifrs-full:ProfitLoss[2,397,000,000]]

Profit or loss [abstract]	Period [Axis]		
	2017-01-01 - 2017-12-31	2016-01-01 - 2016-12-31	2015-01-01 - 2015-12-31
<b>Profit or loss [abstract]</b>			
<b>Revenue [abstract]</b>			
Product sales	17,669,000,000	11,098,000,000	13,167,000,000
Less: royalties	(1,018,000,000)	(575,000,000)	(804,000,000)
Revenue	16,651,000,000	10,523,000,000	12,363,000,000
<b>Expenses</b>			
Production	5,596,000,000	4,099,000,000	4,726,000,000
Transportation, blending and feedstock	2,917,000,000	2,003,000,000	2,379,000,000
Depletion, depreciation and amortization	5,186,000,000	4,858,000,000	5,483,000,000
Administration	319,000,000	345,000,000	390,000,000
Share-based compensation	134,000,000	355,000,000	(46,000,000)
Asset retirement obligation accretion	164,000,000	142,000,000	173,000,000
Interest and other financing expense	631,000,000	383,000,000	322,000,000
Risk management activities	35,000,000	33,000,000	(469,000,000)
Foreign exchange (gain) loss	(787,000,000)	(55,000,000)	761,000,000
Gain on acquisition, disposition and revaluation of properties	(379,000,000)	(250,000,000)	(739,000,000)
(Gain)-loss from investments	(38,000,000)	(327,000,000)	50,000,000
Total Expenses	13,778,000,000	11,586,000,000	13,030,000,000
Earnings (loss) before taxes	2,873,000,000	(1,063,000,000)	(667,000,000)
Current income tax recovery	(164,000,000)	(618,000,000)	(261,000,000)
Deferred income tax expense (recovery)	640,000,000	(241,000,000)	231,000,000
Net earnings (loss)	2,397,000,000	(204,000,000)	(637,000,000)

Note that I don't like the labels for "Operating and nonoperating revenues" or "Operating and nonoperating costs and expenses"; need to come up with better terms/labels. The idea is right; there is ONE total for revenues and ONE total for expenses.

# ISFUNC7 (same as ISFUNC6 but also reports other income and expenses)

Income Statement [Line Items]	Period [Axis]	
	2017-01-01 - 2017-12-31	
	Value	Origin
<b>Net Income (Loss) [Roll Up]</b>		
<b>Income (Loss) from Continuing Operations After Tax [Roll Up]</b>		
<b>Income (Loss) from Continuing Operations Before Tax [Roll Up]</b>		
<b>Operating Income (Loss) [Roll Up]</b>		
<b>Gross Profit [Roll Up]</b>		
Revenues	83,554,385,000	Revenues[ifrs-full:Revenue][83,554,385,000]
Cost of Revenue	66,740,290,000	CostOfRevenue[ifrs-full:CostOfSales][66,740,290,000]
Gross Profit	16,814,095,000	GrossProfit[ifrs-full:GrossProfit][16,814,095,000]
Operating Expenses	8,138,925,000	OperatingExpenses[ifrs-full:OperatingExpenseExcludingCostOfSales][8,138,925,000]
Other Operating Income (Expenses)	127,046,000	OtherOperatingIncomeExpenses[ifrs-full:OtherOperatingIncomeExpense][127,046,000]
Operating Income (Loss)	8,802,216,000	OperatingIncomeLoss[ifrs-full:ProfitLossFromOperatingActivities][8,802,216,000]
Nonoperating Income (Loss)		
	(105,103,000)	NonoperatingIncomeLoss[-105,103,000] = fac:IncomeLossFromContinuingOperationsBeforeTax[ifrs-full:ProfitLossBeforeTax][8,697,113,000] - fac:OperatingIncomeLoss[ifrs-full:ProfitLossFromOperatingActivities][8,802,216,000]
Income (Loss) from Continuing Operations Before Tax	8,697,113,000	IncomeLossFromContinuingOperationsBeforeTax[ifrs-full:ProfitLossBeforeTax][8,697,113,000]
Income Tax Expense (Benefit)	1,525,579,000	IncomeTaxExpenseBenefit[ifrs-full:IncomeTaxExpenseContinuingOperations][1,525,579,000]
Income (Loss) from Continuing Operations After Tax	7,171,534,000	IncomeLossFromContinuingOperationsAfterTax[ifrs-full:ProfitLossBeforeTax][8,697,113,000] - fac:IncomeTaxExpenseBenefit[ifrs-full:IncomeTaxExpenseContinuingOperations][1,525,579,000]
Income (Loss) from Discontinued Operations, Net of Tax	0	IncomeLossFromDiscontinuedOperationsNetOfTax[0] = 0
Net Income (Loss)	7,171,534,000	NetIncomeLoss[ifrs-full:ProfitLoss][7,171,534,000]

Profit or loss [abstract]	Period [Axis]			
	2017-01-01 - 2017-12-31		2016-01-01 - 2016-12-31	
	Unit		Unit	
	TWD / Shares	TWD	USD / Shares	USD
<b>Profit or loss [abstract]</b>				
Operating Revenues		83,554,385,000		2,818,974,000
Operating Costs		(66,740,290,000)		(2,251,697,000)
Gross Profit		16,814,095,000		567,277,000
<b>Operating Expenses</b>				
Selling expenses		(1,032,799,000)		(34,845,000)
General and administrative expenses		(3,264,130,000)		(110,126,000)
Research and development expenses		(3,841,996,000)		(129,622,000)
Operating Expenses		(8,138,925,000)		(274,593,000)
Other Income and Expenses		127,046,000		4,286,000
Operating Profit		8,802,216,000		296,970,000
<b>Non-operating Income and Expenses</b>				
Interest income		150,260,000		5,070,000
Other gains and losses		39,976,000		1,349,000
Finance costs		(593,821,000)		(20,034,000)
Impairment loss of available-for-sale equity securities		0		0
Share of (losses) gains of associates and joint ventures accounted for using equity method		74,035,000		2,498,000
Dividends income		204,810,000		6,910,000
Gains on disposal of investments		55,369,000		1,868,000
(Losses)/ Gains on financial liabilities at fair value through profit or loss		(35,732,000)		(1,206,000)
Non-operating Income and Expenses		(105,103,000)		(3,545,000)
Income before Income Tax		8,697,113,000		293,425,000
Income Tax Expense		(1,525,579,000)		(51,470,000)
Net Income		7,171,534,000		241,955,000

# ISFUNC8 (reports gross profit but not operating income)

Income Statement [Line Items]	Period [Axis]	
	2017-01-01 - 2017-12-31	
	Value	Fact
Income Statement [Line Items]		
<b>Net Income (Loss) [Roll Up]</b>		
<b>Income (Loss) from Continuing Operations After Tax [Roll Up]</b>		
<b>Income (Loss) from Continuing Operations Before Tax [Roll Up]</b>		
<b>Gross Profit [Roll Up]</b>		
Revenues	68,275,000	fac:Revenues[ifrs-full:Revenue[68,275,000]]
Cost of Revenue	44,901,000	fac:CostOfRevenue[ifrs-full:CostOfSales[44,901,000]]
Gross Profit	23,374,000	fac:GrossProfit[ifrs-full:GrossProfit[23,374,000]]
Indirect Operating and Nonoperating Costs and Expenses	8,760,000	fac:IndirectOperatingNonoperatingCostsExpenses[8,760,000] = fac:GrossProfit[ifrs-full:GrossProfit[23,374,000]] - fac:IncomeLossFromContinuingOperationsBeforeTax[ifrs-full:ProfitLossBeforeTax[14,614,000]]
Income (Loss) from Continuing Operations Before Tax	14,614,000	fac:IncomeLossFromContinuingOperationsBeforeTax[ifrs-full:ProfitLossBeforeTax[14,614,000]]
Income Tax Expense (Benefit)	4,077,000	fac:IncomeTaxExpenseBenefit[ifrs-full:IncomeTaxExpenseContinuingOperations[4,077,000]]
Income (Loss) from Continuing Operations After Tax	10,537,000	fac:IncomeLossFromContinuingOperationsAfterTax[10,537,000] = fac:IncomeLossFromContinuingOperationsBeforeTax[ifrs-full:ProfitLossBeforeTax[14,614,000]] - fac:IncomeTaxExpenseBenefit[ifrs-full:IncomeTaxExpenseContinuingOperations[4,077,000]]
Income (Loss) from Discontinued Operations, Net of Tax	0	fac:IncomeLossFromDiscontinuedOperationsNetOfTax[0] = fac:IncomeLossFromDiscontinuedOperationsNetOfTaxDuringPhaseOut[0] + fac:IncomeLossFromDiscontinuedOperationsNetOfTaxGainLossOnDisposal[0] + fac:IncomeLossFromDiscontinuedOperationsNetOfTaxProvisionForGainLossOnDisposal[0] + fac:IncomeLossFromDiscontinuedOperationsNetOfTaxAdjustmentToPriorYearGainLossOnDisposal[0]
Net Income (Loss)	10,537,000	fac:NetIncomeLoss[ifrs-full:ProfitLoss[10,537,000]]

Consolidated Statements of Income (Loss) [abstract]	Period [Axis]	
	2017-01-01 - 2017-12-31	2016-01-01 - 2016-12-31
<b>Consolidated Statements of Income (Loss) [abstract]</b>		
Sales	49,208,000	41,634,000
Royalty revenue	19,067,000	20,737,000
Total revenue	68,275,000	62,371,000
Cost of sales excluding depletion	15,321,000	12,834,000
Depletion	29,580,000	27,654,000
Total cost of sale	44,901,000	40,488,000
Gross Profit	23,374,000	21,883,000
<b>Expenses and other (income)</b>		
Administration expenses	6,736,000	5,031,000
Project evaluation	4,564,000	5,064,000
Foreign exchange (gain) loss	(2,434,000)	87,000
(Gain) on revaluation of investments	(5,827,000)	(22,093,000)
Finance income	(722,000)	(2,598,000)
Finance expense	3,187,000	2,993,000
Mineral, royalty and other interests impairments	9,104,000	2,507,000
(Gain) loss on mineral interest disposal and other	(4,848,000)	1,107,000
Income before taxes	14,614,000	29,785,000
Current income tax expense	868,000	306,000
Deferred income tax expense	3,209,000	4,225,000
Total tax expense (income)	4,077,000	4,531,000
Net income for the year	10,537,000	25,254,000

# ISFUNC9 (reports operating income (loss) but does not report revenues)

Income Statement [Line Items]	Period [Axis]	
	2017-01-01 - 2017-12-31	
	Fact	
	Value	Origin
<b>Net Income (Loss) [Roll Up]</b>		
<b>Income (Loss) from Continuing Operations After Tax [Roll Up]</b>		
<b>Income (Loss) from Continuing Operations Before Tax [Roll Up]</b>		
Operating Income (Loss)	(1,324,088)	fac:OperatingIncomeLoss[ifrs-full:ProfitLossFromOperatingActivities[-1,324,088]]
Nonoperating Income (Loss)	980,682	fac:NonoperatingIncomeLoss[980,682] = fac:IncomeLossFromContinuingOperationsBeforeTax[ifrs-full:ProfitLossBeforeTax[-343,406]] - fac:OperatingIncomeLoss[ifrs-full:ProfitLossFromOperatingActivities[-1,324,088]]
Income (Loss) from Continuing Operations Before Tax	(343,406)	fac:IncomeLossFromContinuingOperationsBeforeTax[ifrs-full:ProfitLossBeforeTax[-343,406]]
Income Tax Expense (Benefit)	39,199	fac:IncomeTaxExpenseBenefit[ifrs-full:IncomeTaxExpenseContinuingOperations[39,199]]
Income (Loss) from Continuing Operations After Tax	(382,605)	fac:IncomeLossFromContinuingOperationsAfterTax[-382,605] = fac:IncomeLossFromContinuingOperationsBeforeTax[ifrs-full:ProfitLossBeforeTax[-343,406]] - fac:IncomeTaxExpenseBenefit[ifrs-full:IncomeTaxExpenseContinuingOperations[39,199]]
Income (Loss) from Discontinued Operations, Net of Tax	0	fac:IncomeLossFromDiscontinuedOperationsNetOfTax[0] = 0
Net Income (Loss)	(382,605)	fac:NetIncomeLoss[ifrs-full:ProfitLoss[-382,605]]

CONSOLIDATED INCOME STATEMENT [Abstract]	Period [Axis]	
	2017-01-01 - 2017-12-31	2016-06-24 - 2016-12-31
<b>CONSOLIDATED INCOME STATEMENT [Abstract]</b>		
General and administrative expenses	(1,324,088)	(397,367)
Result from operating activities	(1,324,088)	(397,367)
Finance income	1,084,213	31,808
Finance expenses	(103,531)	(33,315)
Net finance income/(expense)	980,682	(1,507)
Profit/(Loss) before tax	(343,406)	(398,874)
Income tax expense	(39,199)	0
Profit/(Loss) for the period	(382,605)	(398,874)
<b>Attributable to:</b>		
Owners of the Company	(382,605)	(398,874)
Non-controlling interest	0	0

Exactly two cash flow statement styles account for all 406 IFRS financial reports: CF1 244 (60%); CF2 162 (40%). Of the 406, 365 (90%) are consistent with one of these four reporting styles, 41 (10%) have one or more identifiable errors.

## **CASH FLOW STATEMENT**

# CF1 (exchange gains part of net cash flow roll up)

Cash Flow Statement [Line Items]	Period [Axis]	
	2017-01-01 - 2017-12-31	
	Value	Origin
<b>Net Cash Flow [Roll Up]</b>		
<b>Net Cash Flow from Operating Activities [Roll Up]</b>		
Net Cash Flow from Operating Activities, Continuing	(9,768,000)	fac:NetCashFlowFromOperatingActivitiesContinuing[-9,768,000] = fac:NetCashFlowFromOperatingActivities[ifrs-full:CashFlowsFromUsedInOperatingActivities[-9,768,000]] - fac:NetCashFlowFromOperatingActivitiesDiscontinued[0]
Net Cash Flow from Operating Activities, Discontinued	0	fac:NetCashFlowFromOperatingActivitiesDiscontinued[0] = 0
Net Cash Flow from Operating Activities	(9,768,000)	fac:NetCashFlowFromOperatingActivities[ifrs-full:CashFlowsFromUsedInOperatingActivities[-9,768,000]]
<b>Net Cash Flow from Investing Activities [Roll Up]</b>		
Net Cash Flow from Investing Activities, Continuing	(6,482,000)	fac:NetCashFlowFromInvestingActivitiesContinuing[-6,482,000] = fac:NetCashFlowFromInvestingActivities[ifrs-full:CashFlowsFromUsedInInvestingActivities[-6,482,000]] - fac:NetCashFlowFromInvestingActivitiesDiscontinued[0]
Net Cash Flow from Investing Activities, Discontinued	0	fac:NetCashFlowFromInvestingActivitiesDiscontinued[0] = 0
Net Cash Flow from Investing Activities	(6,482,000)	fac:NetCashFlowFromInvestingActivities[ifrs-full:CashFlowsFromUsedInInvestingActivities[-6,482,000]]
<b>Net Cash Flow from Financing Activities [Roll Up]</b>		
Net Cash Flow from Financing Activities, Continuing	5,016,000	fac:NetCashFlowFromFinancingActivitiesContinuing[5,016,000] = fac:NetCashFlowFromFinancingActivities[ifrs-full:CashFlowsFromUsedInFinancingActivities[5,016,000]] - fac:NetCashFlowFromFinancingActivitiesDiscontinued[0]
Net Cash Flow from Financing Activities, Discontinued	0	fac:NetCashFlowFromFinancingActivitiesDiscontinued[0] = 0
Net Cash Flow from Financing Activities	5,016,000	fac:NetCashFlowFromFinancingActivities[ifrs-full:CashFlowsFromUsedInFinancingActivities[5,016,000]]
Exchange Gains (Losses)	(1,139,000)	fac:ExchangeGainsLosses[ifrs-full:EffectOfExchangeRateChangesOnCashAndCashEquivalents[-1,139,000]]
Net Cash Flow	(12,373,000)	fac:NetCashFlow[ifrs-full:IncreaseDecreaseInCashAndCashEquivalents[-12,373,000]]

Statement of cash flows [abstract]	Period [Axis]	
	2017-01-01 - 2017-12-31	2016-01-01 - 2016-12-31
<b>Statement of cash flows [abstract]</b>		
<b>Cash provided by (used in): Operating Activities</b>	(8,048,000)	(21,687,000)
Net loss for the year		
<b>Adjustments for:</b>		
Share-based compensation	3,125,000	3,024,000
Employee future benefits	201,000	235,000
Employee future benefits plan contributions	(660,000)	(760,000)
Depreciation and amortization	5,064,000	4,544,000
Loss on decommissioning liabilities	390,000	218,000
Loss on sale of assets	1,365,000	623,000
Impairment charges on intangible assets and property, plant and equipment	1,484,000	1,151,000
Impairment loss on trade receivables	103,000	390,000
Unrealized gain on forward contracts	(324,000)	(151,000)
Equity in earnings of investment in joint venture	(201,000)	0
Total Adjustments	2,499,000	(12,413,000)
<b>Changes in non-cash working capital:</b>		
Trade and other receivables	(9,387,000)	(771,000)
Inventories	(572,000)	(2,339,000)
Prepaid expenses and other current assets	930,000	(1,322,000)
Trade and other payables	6,857,000	1,010,000
Deferred revenue	(12,539,000)	14,536,000
Warranty provision	2,444,000	(2,605,000)
Changes in non-cash working capital:	(12,267,000)	8,509,000
Cash used in operating activities	(9,768,000)	(3,904,000)
<b>Investing activities:</b>		
Additions to property, plant and equipment	(3,068,000)	(2,778,000)
Net proceeds on sale of property, plant and equipment and other	981,000	3,009,000
Additions to intangible assets	(3,376,000)	(4,103,000)
Net proceeds on sale of intangible assets	0	9,244,000
Purchase of non-controlling interest in subsidiary	(47,000)	0
Investment in associated companies	(972,000)	(180,000)
Cash provided by (used in) investing activities	(6,482,000)	5,192,000
<b>Financing activities:</b>		
Non-dilutive equity financing	0	3,347,000
Net payment of finance lease liabilities	(607,000)	(1,042,000)
Net proceeds on issuance of share capital from private placement	0	28,199,000
Net proceeds on issuance of share capital from warrant exercises	2,025,000	0
Net proceeds on issuance of share capital from share option exercises	3,598,000	496,000
Cash provided by financing activities	5,016,000	31,000,000
Effect of exchange rate fluctuations on cash and cash equivalents held	(1,139,000)	291,000
Increase (decrease) in cash and cash equivalents	(12,373,000)	32,579,000
Cash and cash equivalents, beginning of year	72,628,000	40,049,000
Cash and cash equivalents, end of year	60,255,000	72,628,000



# CF2 (exchange gains part of cash and cash equivalents roll forward)

Cash Flow Statement [Line Items]	Period [Axis]	
	2017-01-01 - 2017-12-31	
	Value	Origin
<b>Net Cash Flow [Roll Up]</b>		
<b>Net Cash Flow from Operating Activities [Roll Up]</b>		
Net Cash Flow from Operating Activities, Continuing	283,159,000	fac:NetCashFlowFromOperatingActivitiesContinuing[ifrs-full:CashFlowsFromUsedInOperatingActivitiesContinuingOperations[283,159,000]]
Net Cash Flow from Operating Activities, Discontinued	0	fac:NetCashFlowFromOperatingActivitiesDiscontinued[ifrs-full:CashFlowsFromUsedInOperatingActivitiesDiscontinuedOperations[0]]
Net Cash Flow from Operating Activities	283,159,000	fac:NetCashFlowFromOperatingActivities[ifrs-full:CashFlowsFromUsedInOperatingActivities[283,159,000]]
<b>Net Cash Flow from Investing Activities [Roll Up]</b>		
Net Cash Flow from Investing Activities, Continuing	(537,000)	fac:NetCashFlowFromInvestingActivitiesContinuing[-537,000] = fac:NetCashFlowFromInvestingActivities[ifrs-full:CashFlowsFromUsedInInvestingActivities[-537,000]] - fac:NetCashFlowFromInvestingActivitiesDiscontinued[0]
Net Cash Flow from Investing Activities, Discontinued	0	fac:NetCashFlowFromInvestingActivitiesDiscontinued[0] = 0
Net Cash Flow from Investing Activities	(537,000)	fac:NetCashFlowFromInvestingActivities[ifrs-full:CashFlowsFromUsedInInvestingActivities[-537,000]]
<b>Net Cash Flow from Financing Activities [Roll Up]</b>		
Net Cash Flow from Financing Activities, Continuing	(372,380,000)	fac:NetCashFlowFromFinancingActivitiesContinuing[-372,380,000] = fac:NetCashFlowFromFinancingActivities[ifrs-full:CashFlowsFromUsedInFinancingActivities[-372,380,000]] - fac:NetCashFlowFromFinancingActivitiesDiscontinued[0]
Net Cash Flow from Financing Activities, Discontinued	0	fac:NetCashFlowFromFinancingActivitiesDiscontinued[0] = 0
Net Cash Flow from Financing Activities	(372,380,000)	fac:NetCashFlowFromFinancingActivities[ifrs-full:CashFlowsFromUsedInFinancingActivities[-372,380,000]]
Net Cash Flow	(89,758,000)	fac:NetCashFlow[ifrs-full:IncreaseDecreaseInCashAndCashEquivalentsBeforeEffectOfExchangeRateChanges[-89,758,000]]

Statement of cash flows [abstract]	Period [Axis]		
	2017-01-01 - 2017-12-31	2016-01-01 - 2016-12-31	2015-01-01 - 2015-12-31
<b>Statement of cash flows [abstract]</b>			
Net loss from continuing operations	(1,590,735,000)	(1,314,093,000)	(29,425,000)
<b>Adjustments to reconcile net loss to net cash flows from operating activities:</b>			
Interest and accretion expense (Notes 14)	506,794,000	300,690,000	129,195,000
Interest income (Note 13)	(61,302,000)	(21,671,000)	(311,000)
Depreciation and amortization (Note 8)	228,387,000	184,758,000	76,287,000
Share based compensation expense (Note 17)	8,711,000	30,753,000	16,198,000
Non-cash inventory fair value adjustments (Note 7)	311,000	21,412,000	33,932,000
Fair value (gain) loss (Note 21)	1,406,000	(8,929,000)	(99,000)
Impairments (Notes 8 & 9)	1,194,765,000	1,132,243,000	0
Income tax expense (recovery) (Note 12)	(36,757,000)	(34,801,000)	(23,064,000)
Realized loss on foreign exchange forward contract	0	0	5,126,000
Fair value (gain) loss on derivative financial instruments (Note 13)	109,580,000	2,620,000	0
Gain on debt settlement (Note 14)	(21,188,000)	0	0
Unrealized foreign exchange (gain) loss	(72,891,000)	128,574,000	0
Contingent consideration paid (Note 21)	(10,348,000)	(4,037,000)	0
Income taxes paid	(23,116,000)	(20,283,000)	(16,220,000)
Income tax refunds	4,933,000	0	0
Other non-cash items	2,169,000	1,177,000	338,000
Changes in non-cash working capital (Note 27)	42,440,000	6,088,000	(67,535,000)
Cash flows from operating activities - continuing operations	283,159,000	404,501,000	124,422,000
Cash flows from operating activities - discontinued operations	0	3,789,000	(2,417,000)
Net cash flows from operating activities	283,159,000	408,290,000	122,005,000
<b>Cash flows used in investing activities</b>			
Purchase consideration paid	0	(30,677,000)	(3,807,160,000)
Purchase of fixed assets and development costs	(2,469,000)	(1,881,000)	(2,048,000)
Proceeds from sale of assets	1,108,000	0	10,000,000
Interest earned	824,000	966,000	0
Net cash flows used in investing activities	(537,000)	(31,592,000)	(3,799,208,000)
<b>Cash flows (used in) from financing activities</b>			
Proceeds from credit facilities (Note 14)	0	350,000,000	4,154,500,000
Deferred financing costs paid	0	(20,275,000)	(203,032,000)
Proceeds from exercise of options	0	84,000	6,233,000
Repayment of long-term debt (Note 14)	(57,279,000)	(18,193,000)	(880,104,000)
Proceeds from issuance of common shares	0	0	805,140,000
Equity issuance costs paid	0	0	(21,289,000)
Loss on foreign exchange forward contract	0	0	(5,126,000)
Contingent consideration paid (Note 21)	(97,420,000)	(143,170,000)	(4,074,000)
Interest paid (Notes 13 & 14)	(294,297,000)	(251,734,000)	(42,878,000)
Interest received (Note 13)	76,616,000	0	0
Dividends paid	0	(11,477,000)	(10,060,000)
Net cash flows (used in) from financing activities	(372,380,000)	(94,765,000)	(3,799,310,000)
Net change in cash and cash equivalents	(89,758,000)	281,933,000	122,107,000
Effects of exchange rate changes on cash and cash equivalents	18,871,000	(39,464,000)	(9,429,000)
Cash and cash equivalents, beginning of year	397,917,000	155,448,000	42,770,000
Cash and cash equivalents, end of year	327,030,000	397,917,000	155,448,000

Exactly two statement of comprehensive income styles account for all 339 IFRS financial reports: SCI1 406 (100%); SCI2 0 (0%). Of the 406, 380 (94%) are consistent with one of these four reporting styles, 26 (6%) have one or more identifiable errors. (Errors could be that testing SCI1 but should be SCI2.)

# STATEMENT OF COMPREHENSIVE INCOME

# SCI1 (statement of comprehensive income begins with total profit (loss))

Statement of Comprehensive Income (Loss) [Line Items]	Period [Axis]	
	2017-01-01 - 2017-12-31	
	Value	Fact
Statement of Comprehensive Income (Loss) [Line Items]	Value	Origin
<b>Comprehensive Income (Loss) [Roll Up]</b>		
Net Income (Loss)	(31,000,000)	fact:NetIncomeLoss[ifrs-full:ProfitLoss[-31,000,000]]
Other Comprehensive Income (Loss)	15,000,000	fact:OtherComprehensiveIncomeLoss[ifrs-full:OtherComprehensiveIncome[-15,000,000]]
Comprehensive Income (Loss)	(16,000,000)	fact:ComprehensiveIncomeLoss[ifrs-full:ComprehensiveIncome[-16,000,000]]
<b>Validation Results [Hierarchy]</b>		
IS10	OK	fact:ComprehensiveIncomeLoss[ifrs-full:ComprehensiveIncome[-16,000,000]] = (fact:NetIncomeLoss[ifrs-full:ProfitLoss[-31,000,000]] + fact:OtherComprehensiveIncomeLoss[ifrs-full:OtherComprehensiveIncome[-15,000,000]])

Comprehensive Income (Loss) Breakdown [Line Items]	Period [Axis]	
	2017-01-01 - 2017-12-31	
	Value	Fact
Comprehensive Income (Loss) Breakdown [Line Items]	Value	Origin
<b>Comprehensive Income (Loss) [Roll Up]</b>		
Comprehensive Income (Loss) Attributable to Parent	(15,000,000)	fact:ComprehensiveIncomeLossAttributableToParent[ifrs-full:ComprehensiveIncomeAttributableToOwnersOfParent[-15,000,000]]
Comprehensive Income (Loss) Attributable to Noncontrolling Interest	(1,000,000)	fact:ComprehensiveIncomeLossAttributableToNoncontrollingInterest[ifrs-full:ComprehensiveIncomeAttributableToNoncontrollingInterests[-1,000,000]]
Comprehensive Income (Loss)	(16,000,000)	fact:ComprehensiveIncomeLoss[ifrs-full:ComprehensiveIncome[-16,000,000]]
<b>Validation Results [Hierarchy]</b>		
IS9	OK	fact:ComprehensiveIncomeLoss[ifrs-full:ComprehensiveIncome[-16,000,000]] = (fact:ComprehensiveIncomeLossAttributableToParent[ifrs-full:ComprehensiveIncomeAttributableToOwnersOfParent[-15,000,000]] + fact:ComprehensiveIncomeLossAttributableToNoncontrollingInterest[ifrs-full:ComprehensiveIncomeAttributableToNoncontrollingInterests[-1,000,000]])

Statement of comprehensive income [abstract]		Period [Axis]		
		2017-01-01 - 2017-12-31	2016-01-01 - 2016-12-31	2015-01-01 - 2015-12-31
<b>Statement of comprehensive income [abstract]</b>				
Net loss		(31,000,000)	(4,000,000)	(552,000,000)
<b>Other Comprehensive Income / (loss)</b>				
<b>Items that will not be reclassified subsequently to the consolidated Income Statement</b>				
Remeasurement on post-employment benefit obligations		12,000,000	(20,000,000)	(7,000,000)
Income tax on remeasurement on post-employment benefit obligations		(8,000,000)	2,000,000	20,000,000
Cash flow hedge				(9,000,000)
Income tax on cash flow hedge				3,000,000
<b>Items that may be reclassified subsequently to the consolidated Income Statement</b>				
Cash flow hedge		46,000,000	(27,000,000)	
Income tax on cash flow hedge		(15,000,000)	9,000,000	
Currency translation differences		(20,000,000)	6,000,000	34,000,000
Other comprehensive income / (loss)		15,000,000	(30,000,000)	41,000,000
Total comprehensive loss		(16,000,000)	(34,000,000)	(511,000,000)
<b>Attributable to:</b>				
Equity holders of Constellation		(15,000,000)	(34,000,000)	(513,000,000)
Non-controlling interests		(1,000,000)		2,000,000
Total comprehensive loss		(16,000,000)	(34,000,000)	(511,000,000)

**SCI2** (statement of comprehensive income begins with profit (loss) attributable to parent)

**This is not set up yet!**