

XBRL USER EXPERIENCES

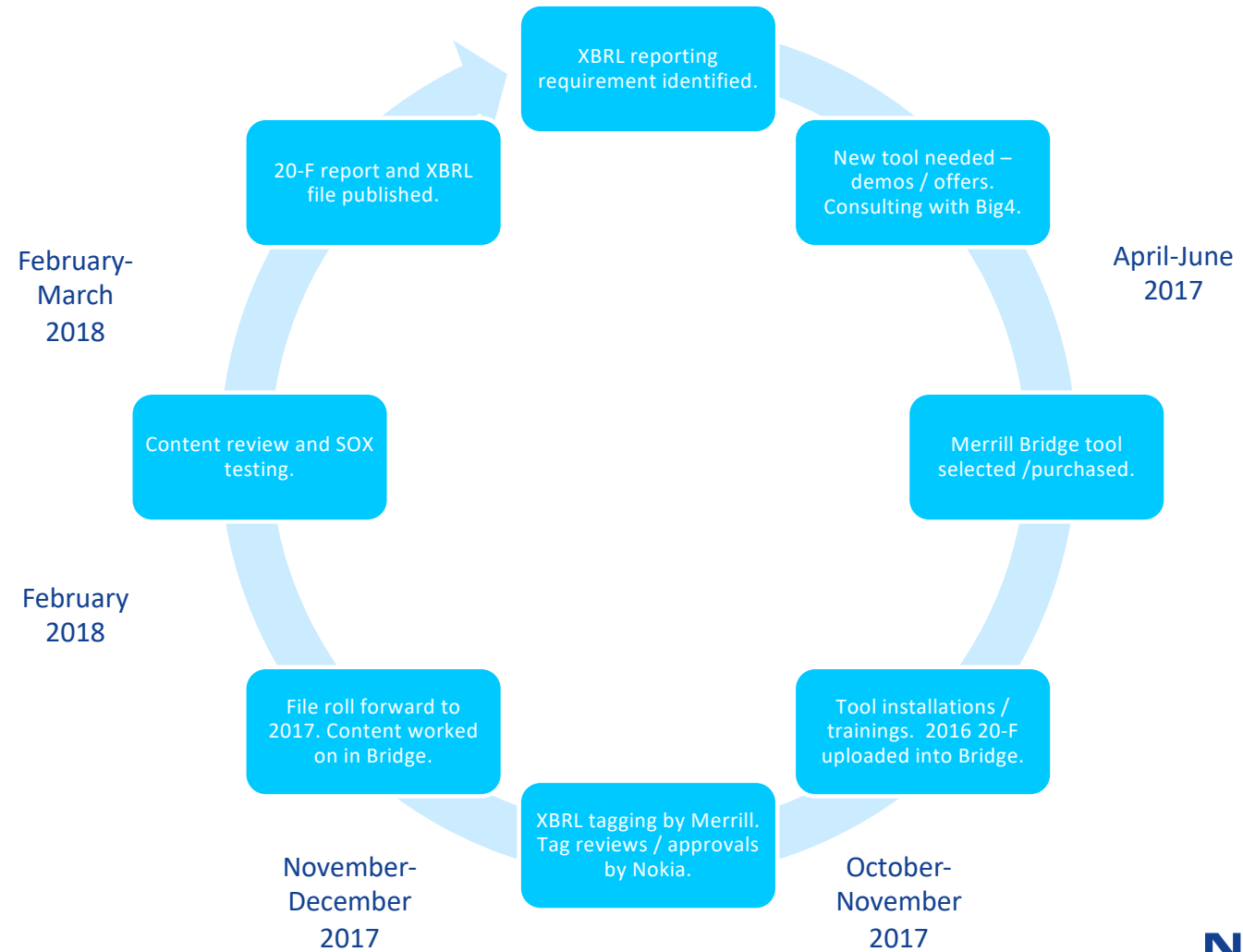
NOKIA 20-F

Sini Halla, Head of Financial Reporting, Nokia
November 2019

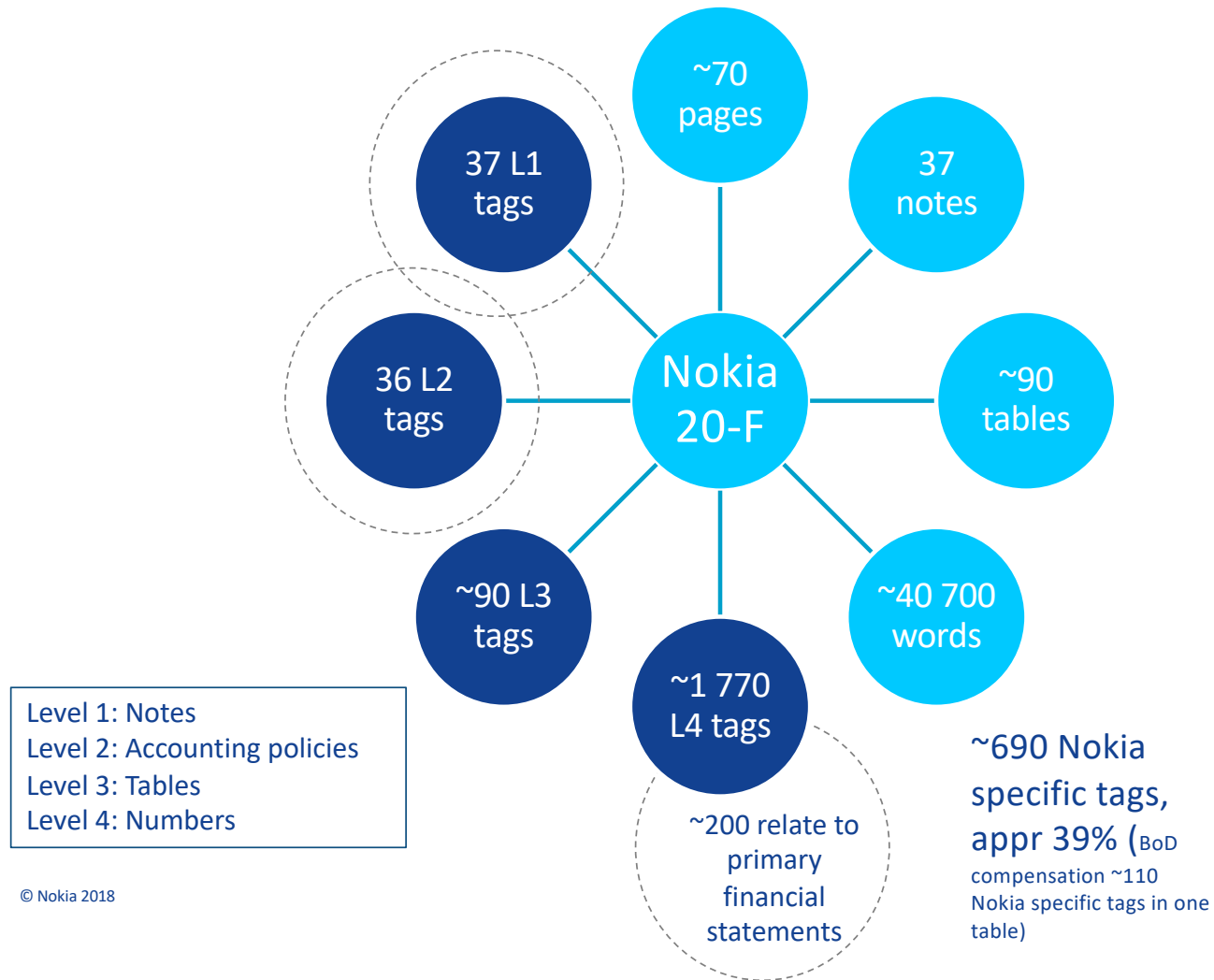
Year 1 - Process

Reporting process changes

- All participants using the same tool
- Tagging, incl. reviews, need to be incorporated in the process
- Unchanged responsibilities
- No audit procedures



Nokia 20-F financial statement document statistics



Key observations

Tool selection

- Multiphase and labour-intensive process => requires planning
- Tool comparison difficult when not fully clear what all functionalities are useful

Process

- Important to absorb as part of the process and involve the people
- Using the same tool in other publications

Competencies

- Requires experienced staffing familiar with the IFRS standards and the disclosure content
- External help needed for more complex tagging

Examples

Consolidated income statement

For the nine months ended December 31		2019	2018	2017
	Notes	EURm	EURm	EURm
Net sales	5, 7	16 412	22 563	23 147
Cost of sales	8	(10 798)	(14 117)	(14 008)
Gross profit		5 614	8 446	9 139
Research and development expenses	8	(3 342)	(4 620)	(4 916)
Selling, general and administrative expenses	8	(2 326)	(3 463)	(3 615)
Other income	10	370	290	363
Other expenses	8, 10	(634)	(712)	(955)
Operating (loss)/profit		(318)	(59)	16
Share of results of associated companies and joint ventures	34	(8)	(42)	11
Financial income and expenses	11	(326)	(313)	(537)
Loss before tax		(663)	(360)	(510)
Income tax (expense)/benefit	12	108	(189)	(927)
Loss for the year from Continuing operations		(545)	(549)	(1 437)
Loss for the year from Continuing operations attributable to:				
Equity holders of the parent		(549)	(554)	(1 473)
Non-controlling interests		4	5	36
Loss for the year from Continuing operations		(545)	(549)	(1 437)
Profit/(loss) for the year from Discontinued operations attributable to:				
Equity holders of the parent		(8)	214	(21)
Non-controlling interests		-	-	-
Profit/(loss) for the year from Discontinued operations	6	(8)	214	(21)
Loss for the year attributable to:				
Equity holders of the parent		(557)	(340)	(1 494)
Non-controlling interests		4	5	36
Loss for the year		(553)	(335)	(1 458)

Tagging Details

Approved

Element ID
ifrs-full_RevenueFromContractsWithCustomers

Label
Revenue from contracts with customers

Definition - Element
The amount of revenue from contracts with customers. A customer is a party that has contracted with an entity to obtain goods or services that are an output of the entity's ordinary activities in exchange for consideration.

Calendar
1/1/2018 - 12/31/2018

Instance document balance type
credit

Instance document value
22563000000

Formatted instance document value
22,563,000,000

Tagging Details

Approved

Element ID
ifrs-full_FinanceIncomeCost

Label
Finance income (cost)

Definition - Element
The amount of income or cost associated with interest and other financing activities of the entity.

Calendar
1/1/2018 - 12/31/2018

Instance document balance type
debit

Instance document value
-313000000

Formatted instance document value
-313,000,000

Tagging Details

Approved

Element ID
ifrs-full_ProfitLossFromDiscontinuedOperationsAttributableToOrdinaryEquityHoldersOfParentEntity

Label
Profit (loss) from discontinued operations attributable to ordinary equity holders of parent entity

Definition - Element
The profit (loss) from discontinued operations attributable to ordinary equity holders of the parent entity. [Refer: Profit (loss) from discontinued operations]

Calendar
1/1/2018 - 12/31/2018

Instance document balance type
credit

Instance document value
214000000

Formatted instance document value
214,000,000

13. Earnings per share

	2019 EURm	2018 EURm	2017 EURm
Basic and diluted			
Profit or loss attributable to equity holders of the parent			
Continuing operations	(549)	(554)	(1,473)
Discontinued operations	(8)	214	(21)
Loss for the year	(557)	(340)	(1,494)
	000s shares	000s shares	000s shares
Basic			
Weighted average number of shares in issue	5,598,237	5,588,020	5,651,814
Diluted			
Effect of dilutive shares			
Effect of dilutive equity-settled share-based incentive programs			
Restricted shares and other		3,656	
Performance shares		20,577	
Stock options		224	
Total effect of dilutive equity-settled share-based incentive programs		24,457	
Total effect of dilutive shares		24,457	
Adjusted weighted average number of shares	5,598,237	5,612,477	5,651,814
Earnings per share attributable to equity holders of the parent			
	EUR	EUR	EUR
Basic earnings per share			
Continuing operations	(0.10)	(0.10)	(0.26)
Discontinued operations	0.04	0.04	0.00
Loss for the year	(0.10)	(0.06)	(0.26)
Diluted earnings per share			
Continuing operations	(0.10)	(0.10)	(0.26)
Discontinued operations	0.04	0.04	0.00
Loss for the year	(0.10)	(0.06)	(0.26)

Tagging Details

Approved

Element ID
frs-full_WeightedAverageShares

Label
Weighted average number of ordinary shares outstanding

Definition - Element
The number of ordinary shares outstanding at the beginning of the period, adjusted by the number of ordinary shares bought back or issued during the period multiplied by a time-weighting factor.

Calendar
1/1/2018 - 12/31/2018

Instance document balance type
na

Instance document value
5588020000

Formatted instance document value
5,588,020,000

Tagging Details

Approved

Element ID
nok_DilutiveEffectOfTotalDilutiveShares

Label
Dilutive effect of total dilutive shares

Definition - Element
The number of total effect of potential ordinary shares.

Calendar
1/1/2018 - 12/31/2018

Instance document balance type
na

Instance document value
24457000

Formatted instance document value
24,457,000

35. Related party transactions

Board of Directors' compensation

The annual remuneration paid to the members of the Board of Directors, as decided by the Annual General Meetings in the respective years:

	2019		2018		2017	
	Gross annual fee ⁽¹⁾ EUR	Shares received ⁽²⁾ number	Gross annual fee ⁽¹⁾ EUR	Shares received ⁽²⁾ number	Gross annual fee ⁽¹⁾ EUR	Shares received ⁽²⁾ number
Risto Siilasmaa, Chair	440,000	34,745	440,000	36,497	440,000	36,497
Olivier Piou, Vice Chair ⁽³⁾	199,000	14,610	199,000	12,129	199,000	12,129
Sari Baldauf ⁽⁴⁾	160,000	12,636	160,000	13,169	160,000	13,169
Bruce Brown ⁽⁵⁾	214,000	15,005	214,000	15,005	209,000	13,169
Jeanette Horan ⁽⁶⁾	195,000	13,820	195,000	12,129	195,000	12,129
Louis R. Hughes ⁽⁷⁾	199,000	13,820	199,000	12,129	194,000	12,129
Edward Koziel ⁽⁸⁾	217,000	15,400	217,000	12,129	175,000	12,129
Jean C. Monty ⁽⁹⁾	14,000	-	14,000	11,090	174,000	11,090
Elizabeth Nelson ⁽¹⁰⁾	192,000	13,820	192,000	13,169	207,000	13,169
Søren Skou	-	-	-	-	-	-
Carla Smits-Nusteling ⁽¹¹⁾	206,000	15,005	206,000	12,129	195,000	12,129
Kari Stadigh ⁽¹²⁾	170,000	12,636	170,000	11,090	170,000	11,090
Total	2,203,000	143,131	2,203,000	143,131	2,438,000	143,131

- (1) The meeting fees for the term that ended at the close of the Annual General meeting in 2019 were paid in cash in 2019 and are included in the table. The meeting fees for the current term as resolved by the Annual General Meeting in 2019 will be paid in cash in 2020 and are not included in the table.
- (2) Approximately 80% of each Board member's annual compensation is paid in Nokia shares purchased from the market, and the remaining approximately 20% is paid in cash.
- (3) Consists of EUR 155,000 for services as Vice Chair of the Board and meeting fees of EUR 44,000.
- (4) Consists of EUR 100,000 for services as a member of the Board.
- (5) Consists of EUR 100,000 for services as a member of the Board and EUR 80,000 for services as the Chair of the Personnel Committee and meeting fees of EUR 34,000.
- (6) Consists of EUR 100,000 for services as a member of the Board and EUR 15,000 for services as member of the Audit Committee and meeting fees of EUR 20,000.
- (7) Consists of EUR 100,000 for services as a member of the Board and EUR 10,000 for services as member of the Audit Committee and meeting fees of EUR 24,000.
- (8) Consists of EUR 100,000 for services as a member of the Board and EUR 20,000 for services as the Chair of the Technology Committee, EUR 15,000 for services as a member of the Audit Committee, and meeting fees of EUR 22,000.
- (9) Served as a member of the Board until the Annual General Meeting 2018. An annual fee was paid to him during financial year 2018, but he received the annual fee for the term until the Annual General Meeting 2018 in the financial year 2017 including meeting fees of EUR 14,000.
- (10) Consists of EUR 100,000 for services as a member of the Board and EUR 15,000 for services as member of the Audit Committee and meeting fees of EUR 17,000.
- (11) Consists of EUR 100,000 for services as a member of the Board and EUR 20,000 for services as a Chair of the Audit Committee and meeting fees of EUR 19,000.
- (12) Consists of EUR 100,000 for services as a member of the Board and meeting fees of EUR 70,000.

Transactions with the Group Leadership Team and the Board of Directors

No loans were granted to the members of the Group Leadership Team and the Board of Directors in 2019, 2018 or 2017.

Terms of termination of employment of the President and CEO

The President and CEO, Rajeev Suri, may terminate his service contract at any time with 18 months' prior notice. The Group may terminate his service contract for reasons other than cause at any time with an 18 months' notice period. If there is a change of control event as defined in Mr. Suri's service contract and the service contract is terminated either by the Group or its successor without cause, or by him for "good reason", would be entitled to a severance payment equaling up to 18 months of compensation and cash payment of the pro-rated value of his outstanding unvested equity awards, if he is dismissed within 18 months of the change in control event.

Tagging Details

Approved

Element ID
frs-full_DirectorsRemunerationExpense

Label
Directors' remuneration expense

Definition - Element
The amount of remuneration paid or payable to the entity's directors.

Calendar
1/1/2018 - 12/31/2018

Instance document balance type
debit

Axis
• frs-full_CategoriesOfRelatedPartiesAxis

Definition - Axis
• The axis of a table defines the relationship between the domain members or categories in the table and the line items or concepts that complete the table.

Dimension/Member
• nok_OlivierPiouMember

Definition - Dimension Member
• This member stands for Olivier Piou.

Tagging Details

Approved

Element ID
nok_EmployeeNotificationPeriod

Label
Employee notification period

Definition - Element
The period of time an employee is required to give notice prior to terminating the service contract.

Calendar
1/1/2019 - 12/31/2019

Instance document balance type
-

Instance document value
PGM

Formatted instance document value
-

Axis
• frs-full_CategoriesOfRelatedPartiesAxis

Definition - Axis
• The axis of a table defines the relationship between the domain members or categories in the table and the line items or concepts that complete the table.

Dimension/Member
• nok_RajeevSuriMember

Definition - Dimension Member
• This member stands for Rajeev Suri

Tagging Details

Approved

Element ID
frs-full_AmountsReceivableRelatedPartyTransactions

Label
Receivables

Definition - Element
The amounts receivable resulting from related party transactions. [Refer: Related parties [member]]

Calendar
Year 2017
(1/1/2017 - 12/31/2017)
[Calendar Year]
Year 2018
(1/1/2018 - 12/31/2018)
[Calendar Year]
Year 2019
(1/1/2019 - 12/31/2019)
[Calendar Year]

Instance document balance type
debit

Instance document value
0

Formatted instance document value
0

Axis
• frs-full_CategoriesOfRelatedPartiesAxis

Definition - Axis
• The axis of a table defines the relationship between the domain members or categories in the table and the line items or concepts that complete the table.

Dimension/Member
• frs-full_KeyManagementPersonnelOfEntityOrParentMember

Definition - Dimension Member
• This member stands for those persons having authority and responsibility for planning, directing and controlling the activities of the entity, directly or indirectly, including any director (whether executive or otherwise) of that entity.