



TAXONOMY @ OAM PERSPECTIVE

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17 June 2019

Frankfurt,



AGENDA

- Tagging – who decides
- ESEF Rules of tagging
- ESEF Taxonomy
- IFRS Taxonomy - Structure
- What is tag, How to select
- Linkbase files
- XBRL in action
- Relationship between IFRS/ESEF/Local Taxonomies
- Consideration

WHO DECIDE WHAT AND HOW TO TAG?

It is a REGULATOR.

A REGULATOR defines how and what to tag

Case 1



- Level 1: Each footnote – **Block type**
- Level 2: Each accounting policy – **Block type**
- Level 3: Each table only – **Block type**
- Level 4: All pertinent facts – **Detail level**

Case 2



- PFS: – **Detail Level**
- Footnote: – **Block type**
- All pertinent facts – **Detail level** –
Voluntary basis

WHAT IS ESEF RULES OF TAGGING?



Level of tagging required by ESEF RTS

	IFRS consolidated FS	individual financial statements
primary financial statements	mandatory from 2020	voluntary (if MS provides taxonomy)
block tagging of notes	mandatory from 2022	
detailed tagging of notes	voluntary	

APPLICATION OF ESEF TAXONOMY FROM 1ST JANUARY 2020

Element names, labels and prefixes of the root elements		
Prefix	Element name	Label
ifrs-full	StatementOfFinancialPositionAbstract	Statement of financial position placeholder - this item MUST be used as a starting point for the statement of financial position
ifrs-full	IncomeStatementAbstract	Profit or loss placeholder - this item MUST be used as a starting point for the statement of profit or loss if the statement of profit or loss is disclosed separately
ifrs-full	StatementOfComprehensiveIncomeAbstract	Statement of comprehensive income placeholder - this item MUST be used as a starting point for the statement of comprehensive income if it is disclosed separately or when the statement of profit or loss and other comprehensive income statements are combined in a single statement
ifrs-full	StatementOfCashFlowsAbstract	Statement of cash flows placeholder - this item MUST be used as a starting point for the statement of cash flows
ifrs-full	StatementOfChangesInEquityAbstract	Statement of changes in equity placeholder - this item MUST be used as a starting point for the statement of changes in equity
esef_cor	NotesAccountingPoliciesAndMandatoryTags	Notes, accounting policies and mandatory core taxonomy elements placeholder – this item MUST be used as a starting point for mark-ups of disclosures in the notes to the financial statements

APPLICATION OF ESEF TAXONOMY FROM 1 JANUARY 2020

Label	Data type and other attributes	References to IFRSs
Name of reporting entity or other means of identification	text	IAS 1 51 a
Explanation of change in name of reporting entity or other means of identification from end of preceding reporting period	text	IAS 1 51 a
Domicile of entity	text	IAS 1 138 a
Legal form of entity	text	IAS 1 138 a
Country of incorporation	text	IAS 1 138 a
Address of entity's registered office	text	IAS 1 138 a
Principal place of business	text	IAS 1 138 a
Description of nature of entity's operations and principal activities	text	IAS 1 138 b
Name of parent entity	text	IAS 1 138 c, IAS 24 13
Name of ultimate parent of group	text	IAS 24 13, IAS 1 138 c

ESEF OWN EXTENDED TAGS - SAMPLE

Prefix	Element name/role URI	Element type and attributes	Label
esef_cor	http://www.esma.europa.eu/xbnl/esef/role/esef_role-999999	role	[999 999] Line items not dimensionally qualified
esef_all	http://www.esma.europa.eu/xbnl/esef/role/esma_role-000000	role	[000000] Tags that must be applied if corresponding information is present in a report
esma_technical	http://www.esma.europa.eu/xbnl/esef/role/ext/BlockDefaultUseOfLineItemsScenario	role	Prevents default use of line items (i.e. when not explicitly allowed) for scenario
esma_technical	http://www.esma.europa.eu/xbnl/esef/role/ext/BlockDefaultUseOfLineItemsSegment	role	Prevents default use of line items (i.e. when not explicitly allowed) for segment
esef_all	http://www.esma.europa.eu/xbnl/esef/role/for_ifrs_axis_role	role	Axis aggregation validations
esef_all	http://www.esma.europa.eu/xbnl/esef/role/for_ifrs_cross_role	role	Cross period validations
esef_all	http://www.esma.europa.eu/xbnl/esef/role/for_ifrs_eps_role	role	Earnings per share validations
esef_all	http://www.esma.europa.eu/xbnl/esef/role/for_ifrs_equ_role	role	Fact equivalence validations
esef_all	http://www.esma.europa.eu/xbnl/esef/role/for_ifrs_neg1_role	role	Negative fact validations 1
esef_all	http://www.esma.europa.eu/xbnl/esef/role/for_ifrs_neg2_role	role	Negative fact validations 2
esef_all	http://www.esma.europa.eu/xbnl/esef/role/for_ifrs_per_role	role	Percentage warnings
esef_all	http://www.esma.europa.eu/xbnl/esef/role/for_ifrs_pos_role	role	Positive fact validations
esef_all	http://www.esma.europa.eu/xbnl/esef/role/for_ifrs_tech_role	role	Technical validations

APPLICATION OF ESEF TAXONOMY

- ⊕ [110000] General information about financial statements
- ⊕ [210000] Statement of financial position, current/non-current
- ⊕ [220000] Statement of financial position, order of liquidity
- ⊕ [310000] Statement of comprehensive income, profit or loss, by function of expense
- ⊕ [320000] Statement of comprehensive income, profit or loss, by nature of expense
- ⊕ [410000] Statement of comprehensive income, OCI components presented net of tax
- ⊕ [420000] Statement of comprehensive income, OCI components presented before tax
- ⊕ [510000] Statement of cash flows, direct method
- ⊕ [520000] Statement of cash flows, indirect method
- ⊕ [610000] Statement of changes in equity
- ⊕ [710000] Statement of changes in net assets available for benefits
- ⊕ [800100] Subclassifications of assets, liabilities and equities
- ⊕ [800200] Analysis of income and expense
- ⊕ [800300] Statement of cash flows, additional disclosures
- ⊕ [800400] Statement of changes in equity, additional disclosures
- ⊕ [800500] List of notes
- ⊕ [800600] List of accounting policies
- ⊕ [810000] Notes - Corporate information and statement of IFRS compliance
- ⊕ [811000] Notes - Accounting policies, changes in accounting estimates and errors
- ⊕ [813000] Notes - Interim financial reporting
- ⊕ [815000] Notes - Events after reporting period

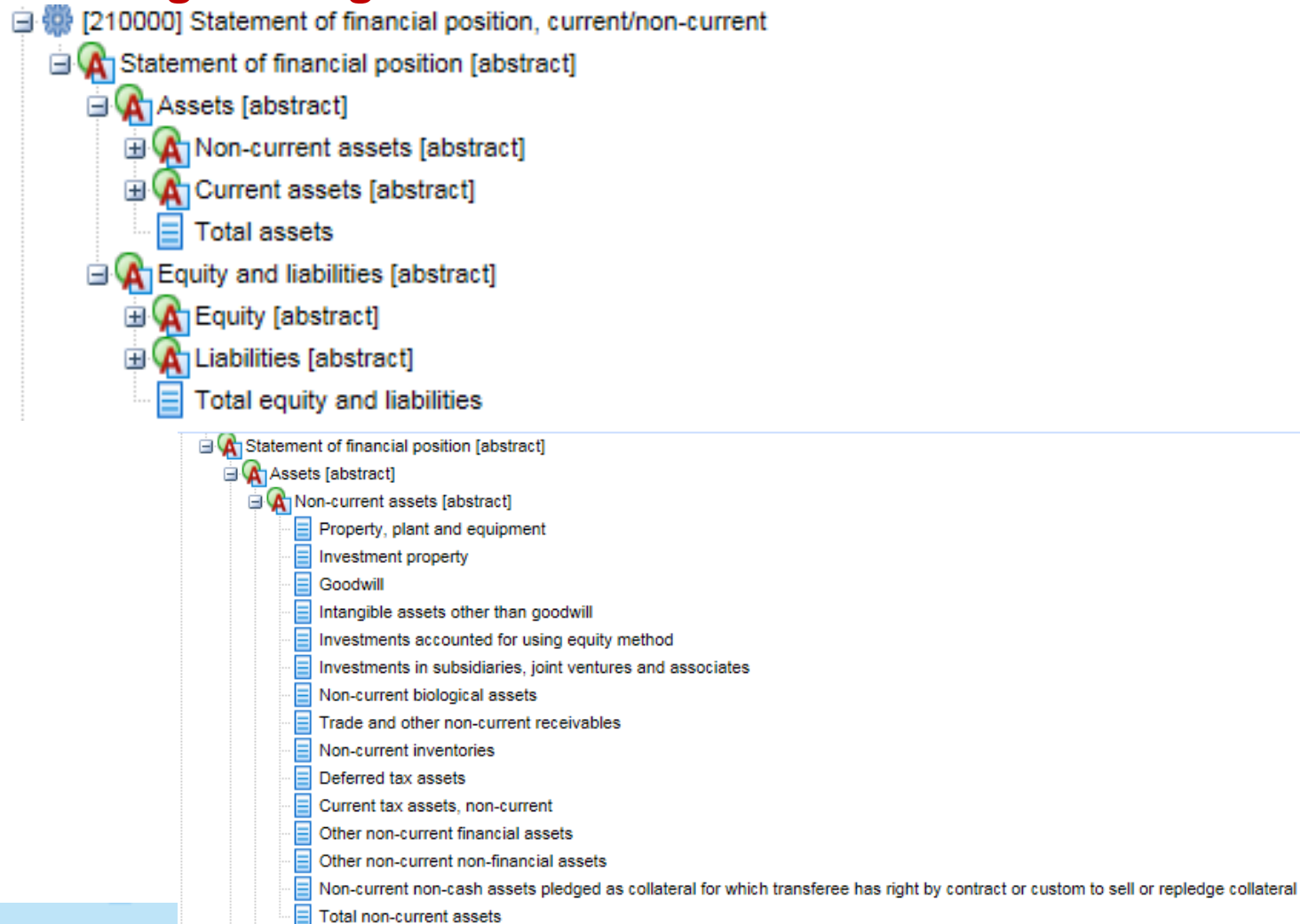
**Compliance with
ESEF for First 2
Years
2020 and 2021**

**Compliance with
ESEF for 3rd year
onwards
2022 and beyond**

Details tagging
are **voluntary**
and tags found in
rest of the
taxonomy.

TAXONOMY RELATIONSHIP

Where the tag coming from?



ELEMENTS ATTRIBUTES-IFRS

What is tag?

Basic
Attributes

XBRL
ELEMENT

Name
(XBRL Tag)

NetDeferredTaxAssets

References

Name IAS
Number 12
IssueDate 2016-01-13
Paragraph 81
Subparagraph g
Clause I
URI
http://eifrs.ifrs.org/eifrs/XBRL?type=IAS&num=12&date=2016-03-30&anchor=para_81_g_i&doctype=Standard
URIDate 2016-03-31

Documentation
(Definition)

The amount of deferred tax assets net of deferred tax liabilities, when the absolute amount of deferred tax assets is greater than the absolute amount of deferred tax liabilities. [Refer: Deferred tax assets; Deferred tax liabilities]

XBRL Type

monetaryItemType

Period Type

instant

Abstract

false

Nilable

true



Balance

debit

EXTENDED OR CUSTOM TAG

Anchoring

Basic Attributes

Name (XBRL Tag)	Company:DividendPaidPreferenceShares
Anchoring	 Dividends paid, ordinary shares  Dividends paid, other shares
Documentation (Definition)	The amount of dividends paid by the entity on preference shares
XBRL Type	monetaryItemType
Period Type	duration
Abstract	false
Nilable	true
Balance	debit

SELECTION OF THE TAG

HOW TO SELECT THE TAG FROM TAXONOMY?

- ALL FOUR should be YES. Then tag applied is correct.

- ✓ Does definition broadly matches with underlying accounting concept presented?
- ✓ Does presented underlying concept matches with tag attributes?
 - Instant – suitable for balance sheet type – as off on
 - Duration type – between periods
- ✓ Does presented underlying concept matches with tag attributes?
 - Debit – Assets in Balance sheet or expenses in income statement
 - Credit – Liability in Balance sheet or income in income statement
- ✓ Does presentation matches?
 - Signage
 - Period
 - Currency
 - Others like % type,

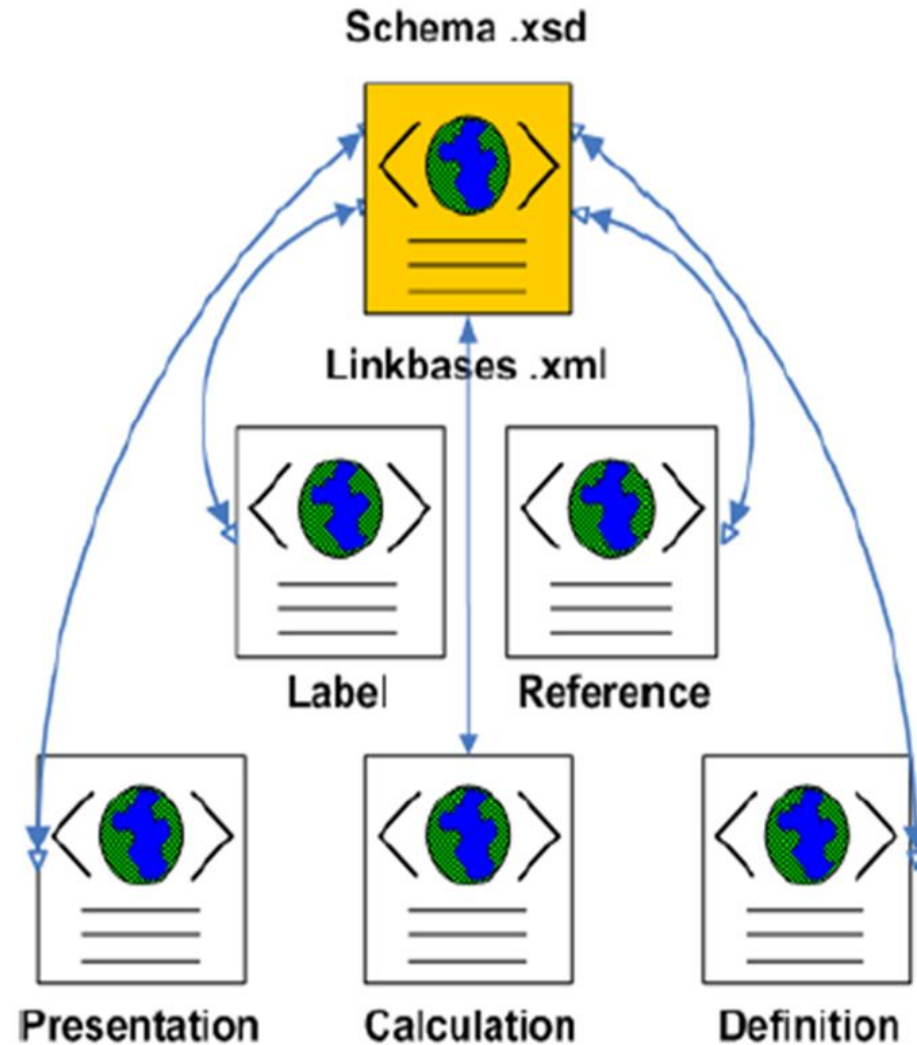
LINKBASE FILES

Schema

The XBRL taxonomy schema file defines the actual concepts (elements) that form the basis of a taxonomy or extension taxonomy. It stores the XML unique name, data type, period type, and a few other parameters.

Linkbases

- 1) Label: Allows the user to associate various labels with different roles and languages to a given concept.
- 2) Reference: Associates external information (authoritative sources) to concepts.
- 3) Presentation: Defines how concepts relate presentationally (i.e. order).
- 4) Calculation: Defines how numeric concepts relate mathematically to one another.
- 5) Definition: Defines multi-dimensional relationships.



XBRL IN ACTION

Balance Sheets (US\$, in thousands)	As of December 31, 2016	As of December 31, 2015
Cash and Cash Equivalents	1,019	991
Short-term Investments	398	511

NUMERIC UNIT:
USD

TIME PERIOD:
As of 12/31/16

PRECISION:
Thousands

Cash and Cash Equivalent

Lab
XML

Definition:

The amount of cash on hand and demand deposits, along with short-term, highly liquid investments that are readily convertible to known amounts of cash and that are subject to an insignificant risk of changes in value

Def
XML

Tagging in XML:

```
<ifrs-
full:CashAndCashEquivalents
contextRef="BalanceAsOf_31D
ec2016"unitRef="USD"
decimals="-3">1019000</ ifrs-
full:CashAndCashEquivalents >
```

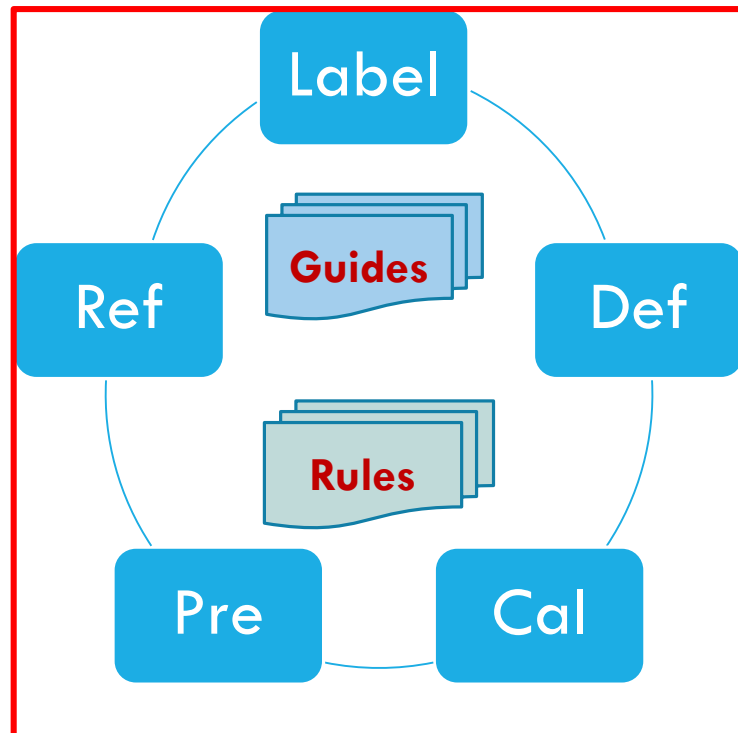
Ref
XML

Accounting STANDARD:IAS 1

ACCOUNTING CONCEPT:
Cash and cash equivalents

RELATIONSHIP - ESEF AND LOCAL TAXONOMIES

ESEF Taxonomy



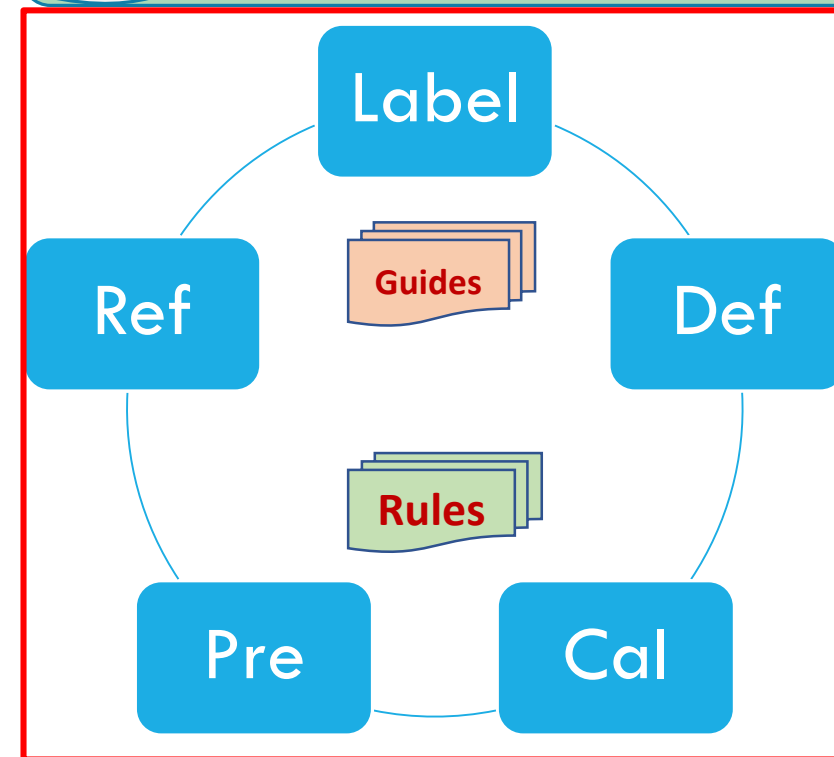
Element schemas

FULL

SME

MC

LOCAL Taxonomies



Element schemas

FULL

SME

LOCAL



SELECTION OF THE TAG

- Would regulator accept iXBRL filing outside EU?
- Presently, taxonomy outside of EU is forbidden
- Cost vs benefits
- Who validates?
- Custom tag and anchoring
- Do regulators have clearly defined filing manual?
- What are rules of the taxonomy versioning?
- How regularly local taxonomy would be updated?
- What if, similar to a custom tag available in local taxonomy?

ESEF FILING AND VALIDATION

WHO DOES VALIDATION?

EXAMPLE OF SEC VALIDATION?

SEC Validation - SEC EDGAR Filer Manual Version 49

Passed - SEC_6.03.04: An XBRL document must not contain HTML character name references.

Passed - SEC_6.03.05: The ampersand character must begin a valid XML predefined entity or numeric character reference.

Passed - SEC_6.05.09: If the duration of a context is more than 24 hours, then its endDate datetime value must be greater than the startDate datetime of any other context by 24 hours or less.

Passed - SEC_6.05.11: Element xbrli:xbrl must not have duplicate child xbrli:unit elements.

Passed - SEC_6.07.21: If the abstract attribute of xsd:element is 'true', then the xbrli:periodType attribute must be 'duration'.

Passed - SEC_6.05.43: Numeric elements that should not have negative values.

Passed - SEC_6.05.44: Custom axis elements should not duplicate standard taxonomy axis elements.

THANK YOU

