CRD IV
From Legislation to XBRL Definition & Filing

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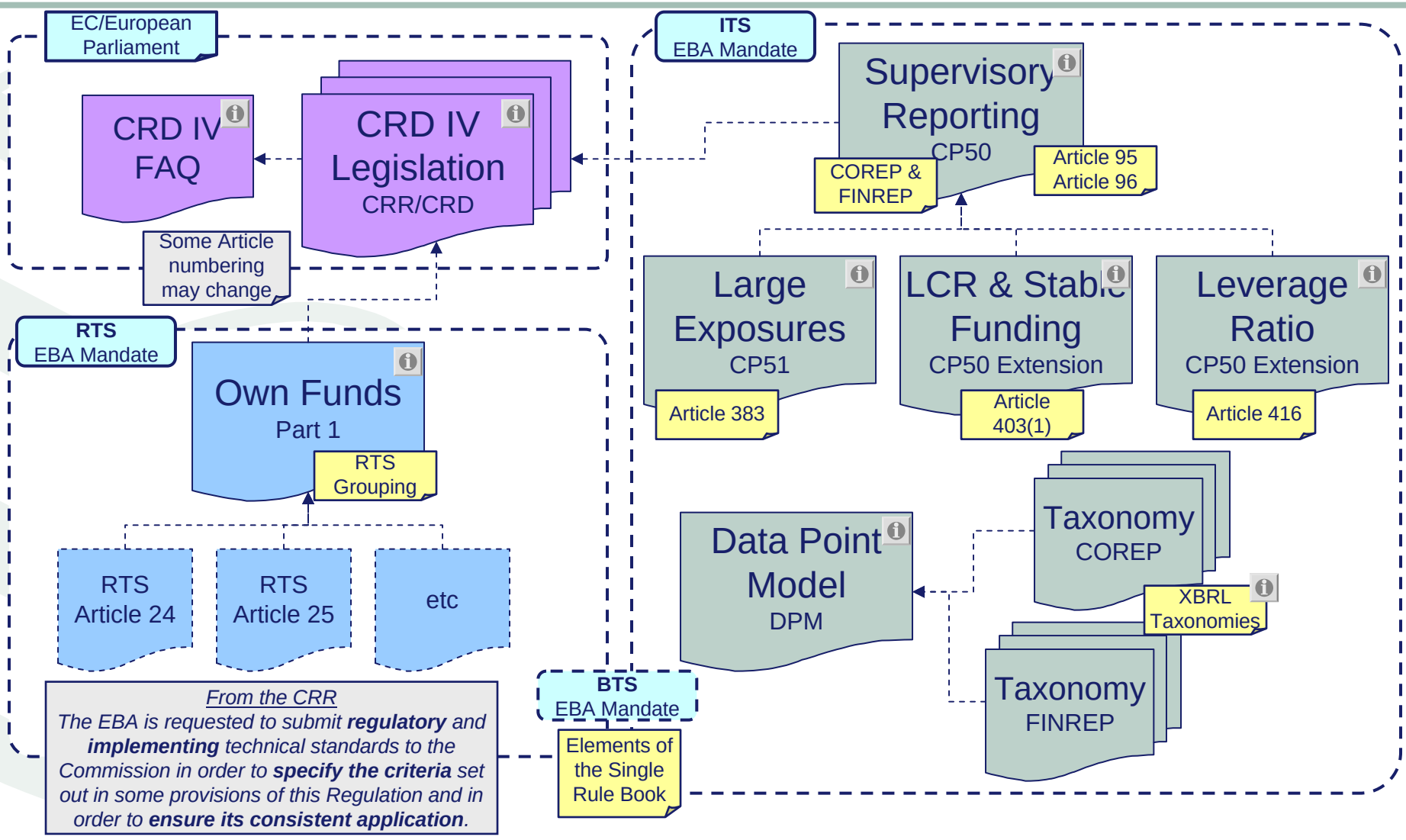
Purpose

- **This presentation has been developed as an aid to understanding how the individual Policy and Technical elements of CRD IV are related.**
- **The intended approach for how XBRL technology will be used to capture and implement specific legislative requirements is demonstrated.**
- **A comparison is provided between the existing multiple FSA data item reporting and single XBRL instance submission.**

Note
Hyperlinks are provided to facilitate access to appropriate source material, such as the FSA website.

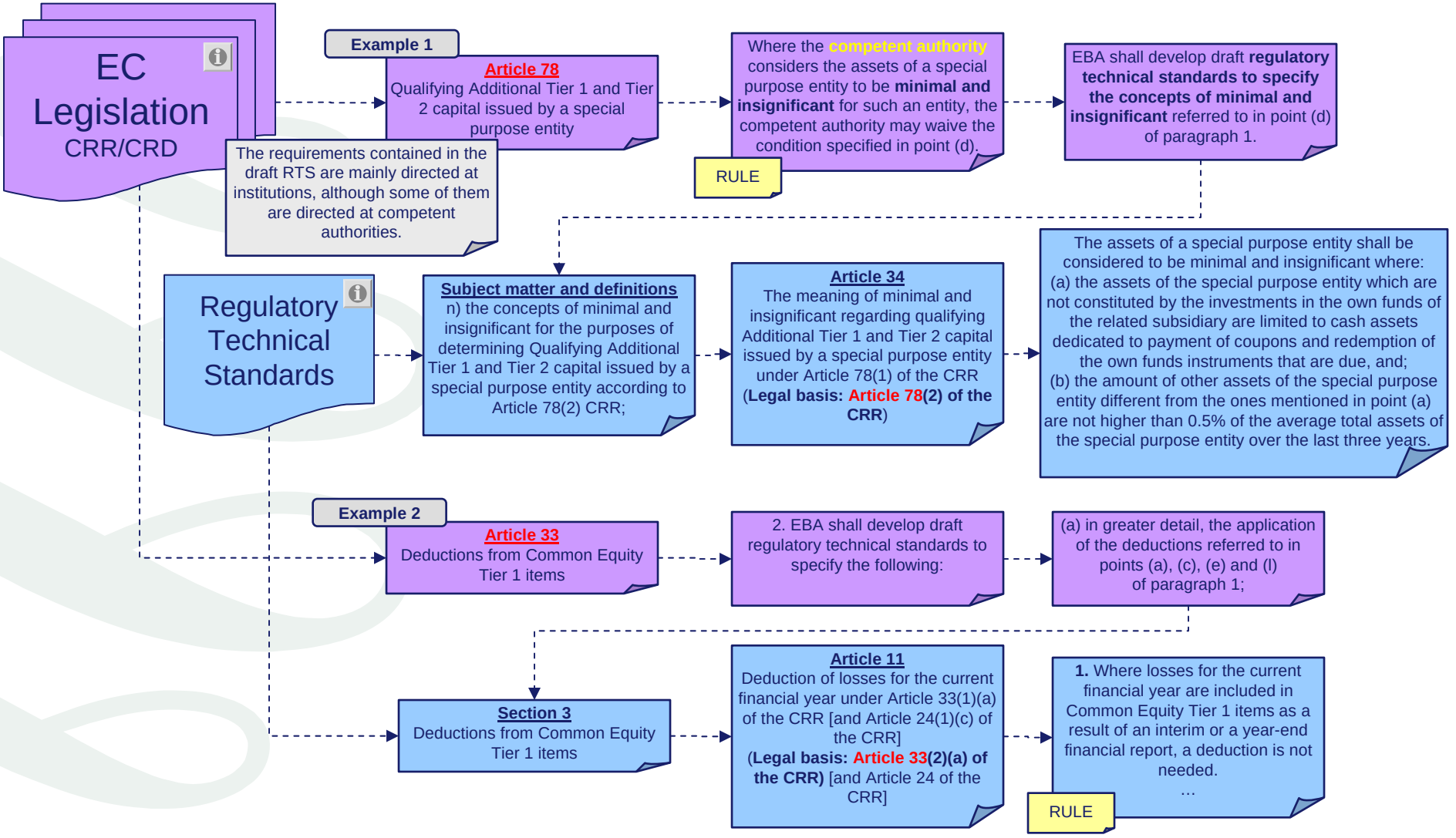
Legislative Proposals

How do the key publications relate?



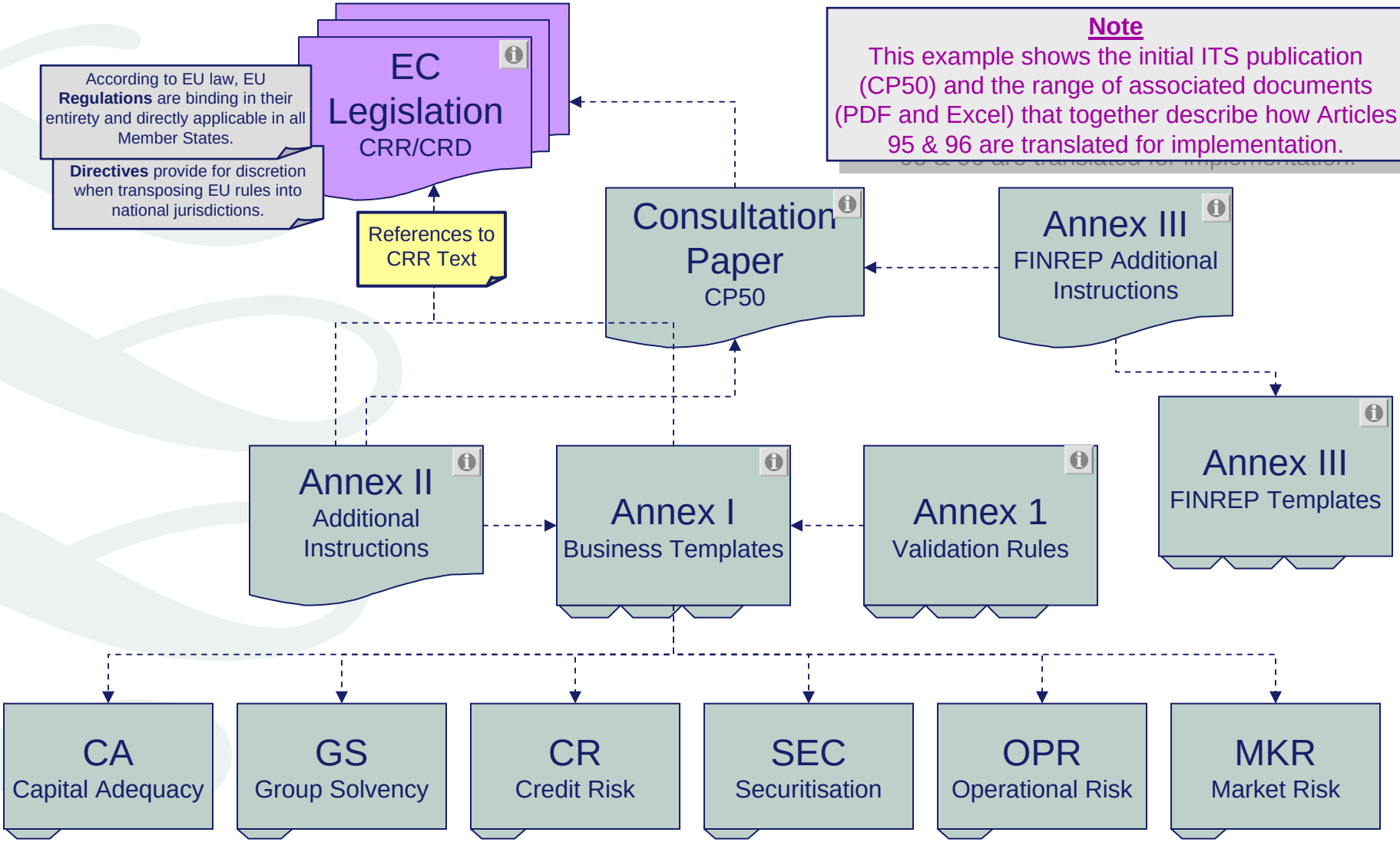
Legislation to Rules

*How is the Legislative text translated into **Regulatory Standards**?*



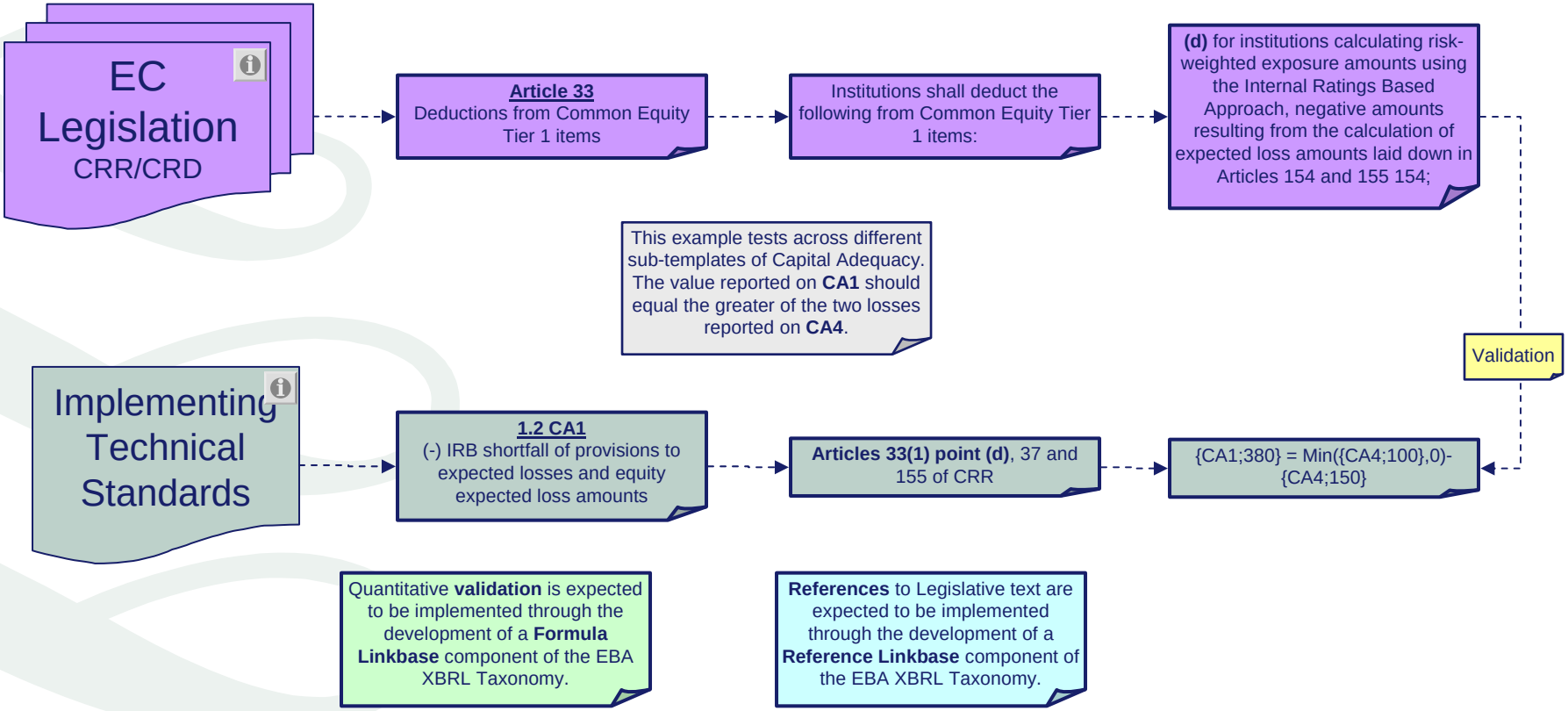
ITS Components - CP50

*How is the Legislation translated into **Implementing Standards**?*



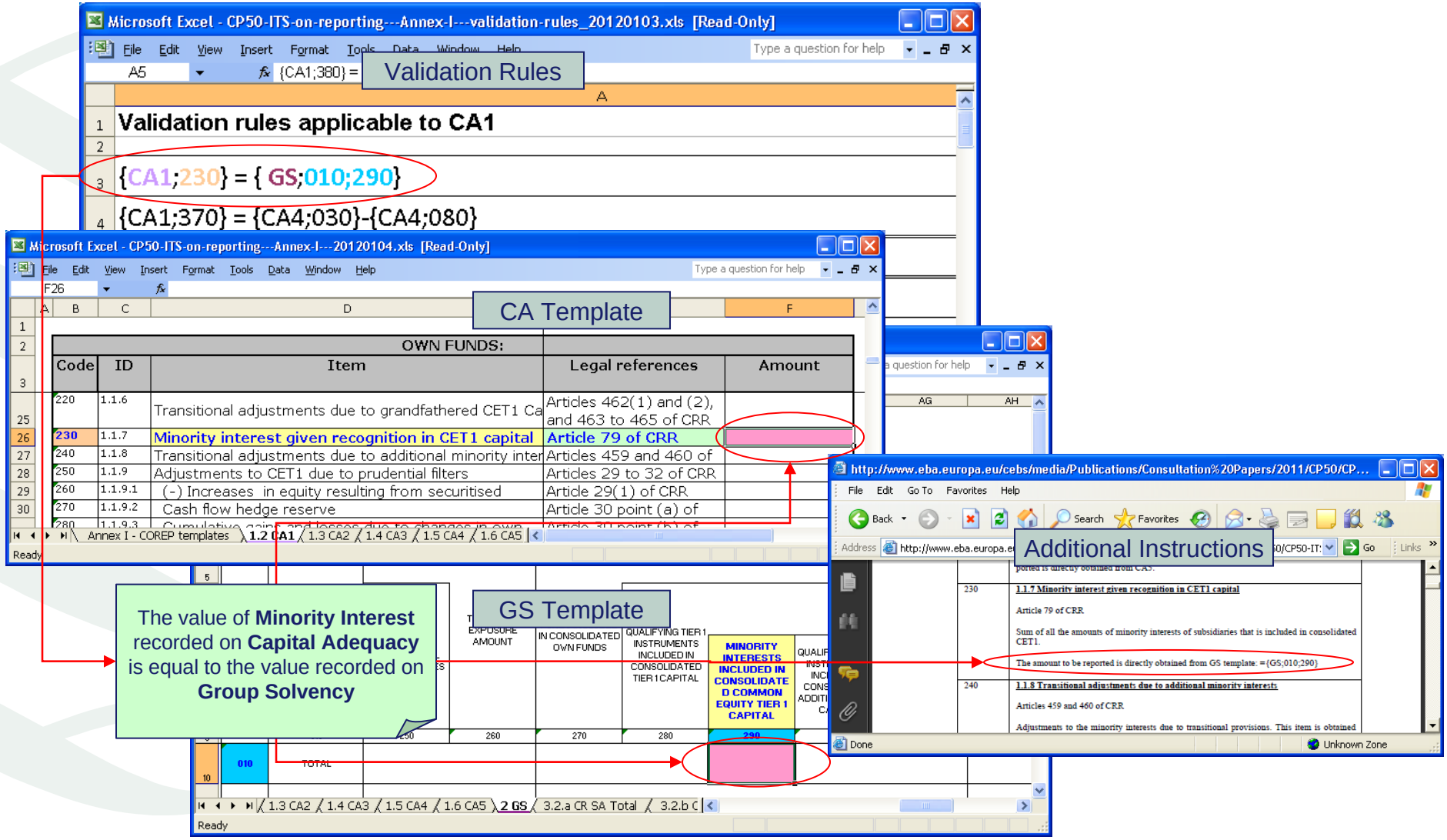
Legislation to Validation

How do potential quantitative checks get captured in the ITS?



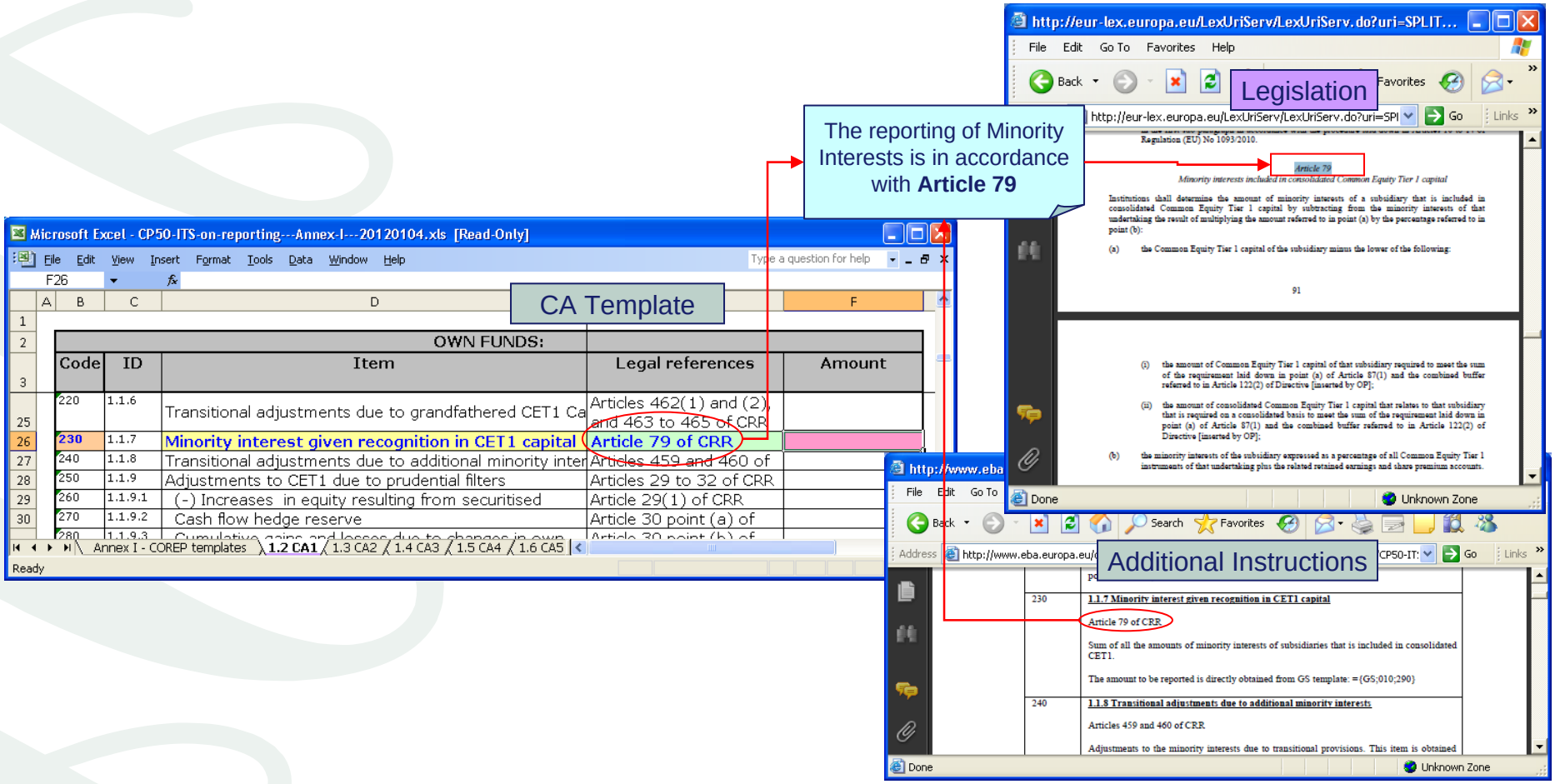
Document Cross Referencing

An example of a Validation Rule.



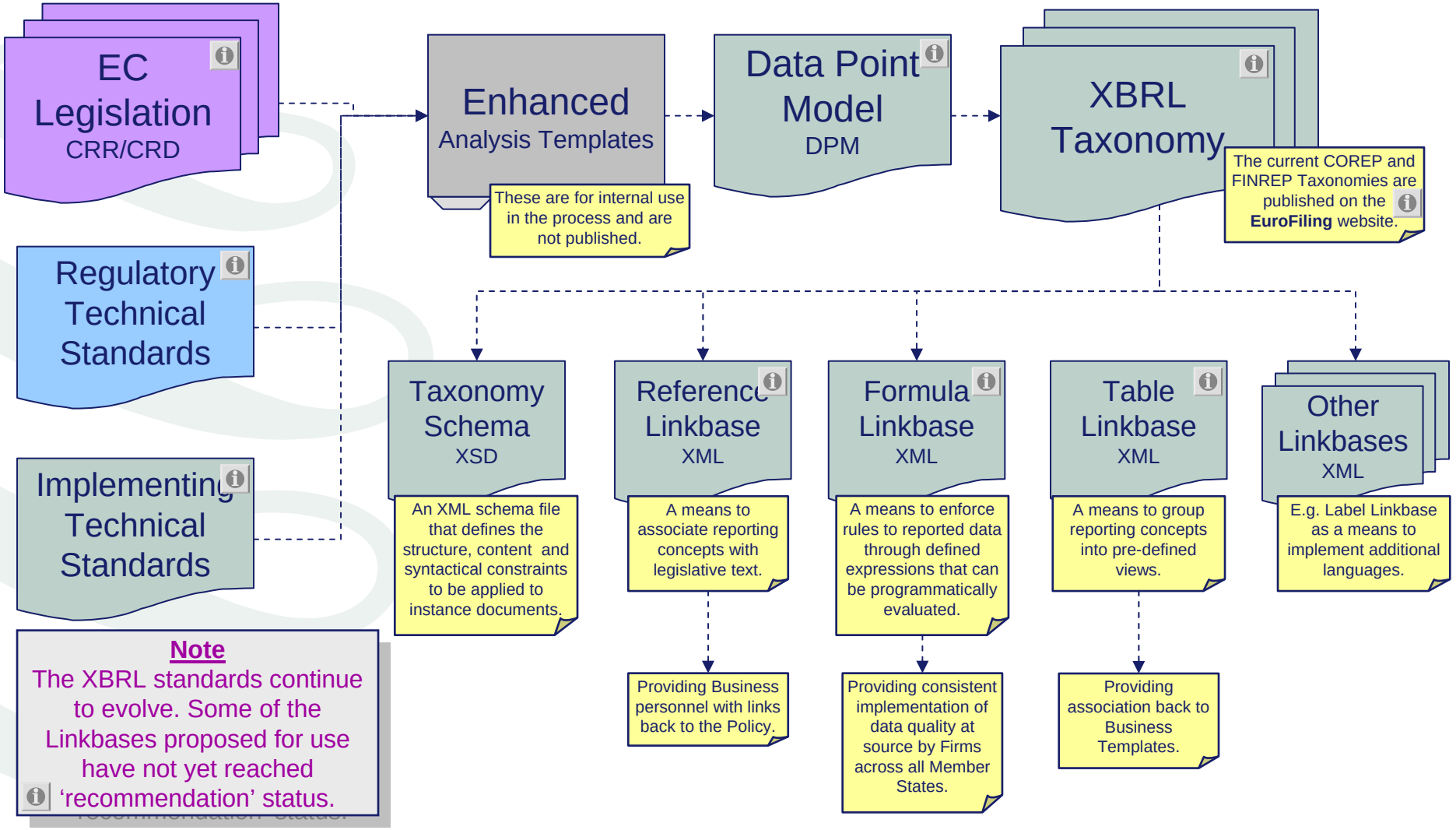
Document Cross Referencing

An example of a Legal Reference.



Legislation to DPM to Taxonomy

How reporting requirements flow through to Taxonomy development.

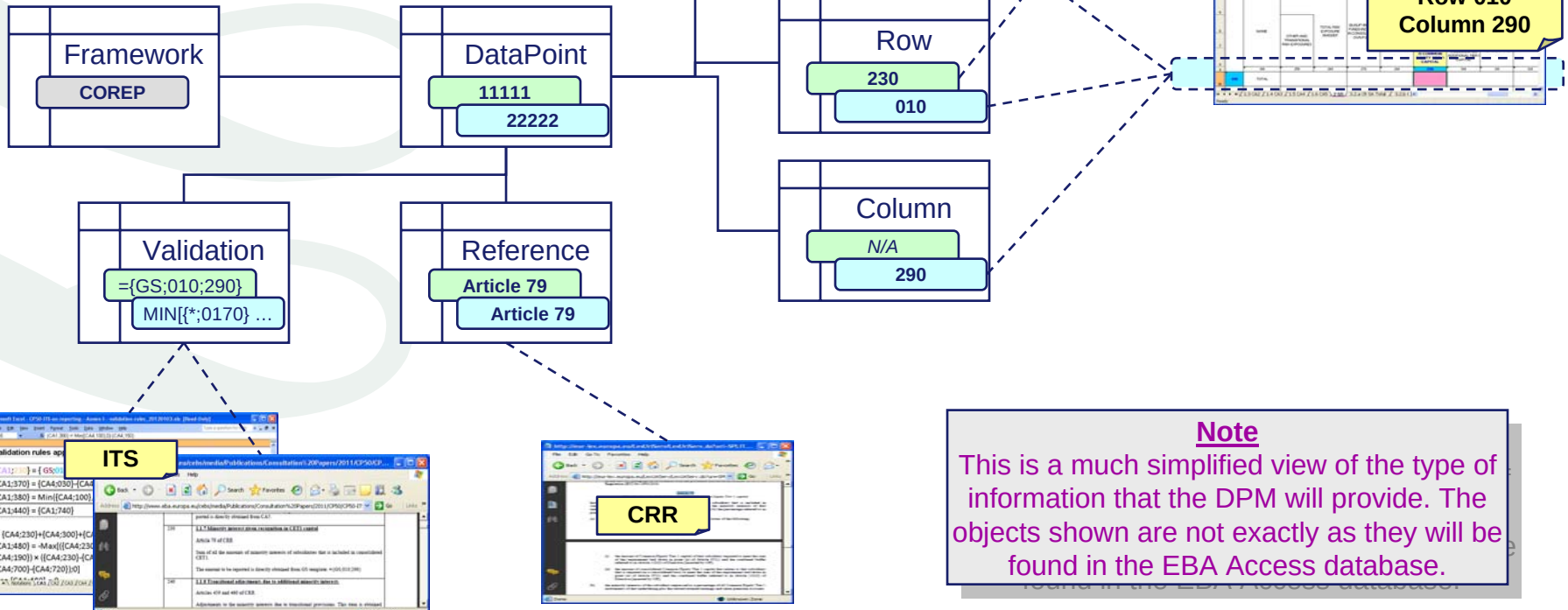


Data Point Model

How does this facilitate understanding & implementation?

From the EBA Website

*In order to assist a uniform implementation of the ITS on supervisory reporting requirements for institutions, the data items included in CP 50 and CP 51 have been translated into a DPM. The DPM is a **structured representation of the data**, identifying all the **business concepts** and its **relations**, as well as **validation rules**. It contains all the relevant technical specifications necessary for developing an IT reporting solution.*

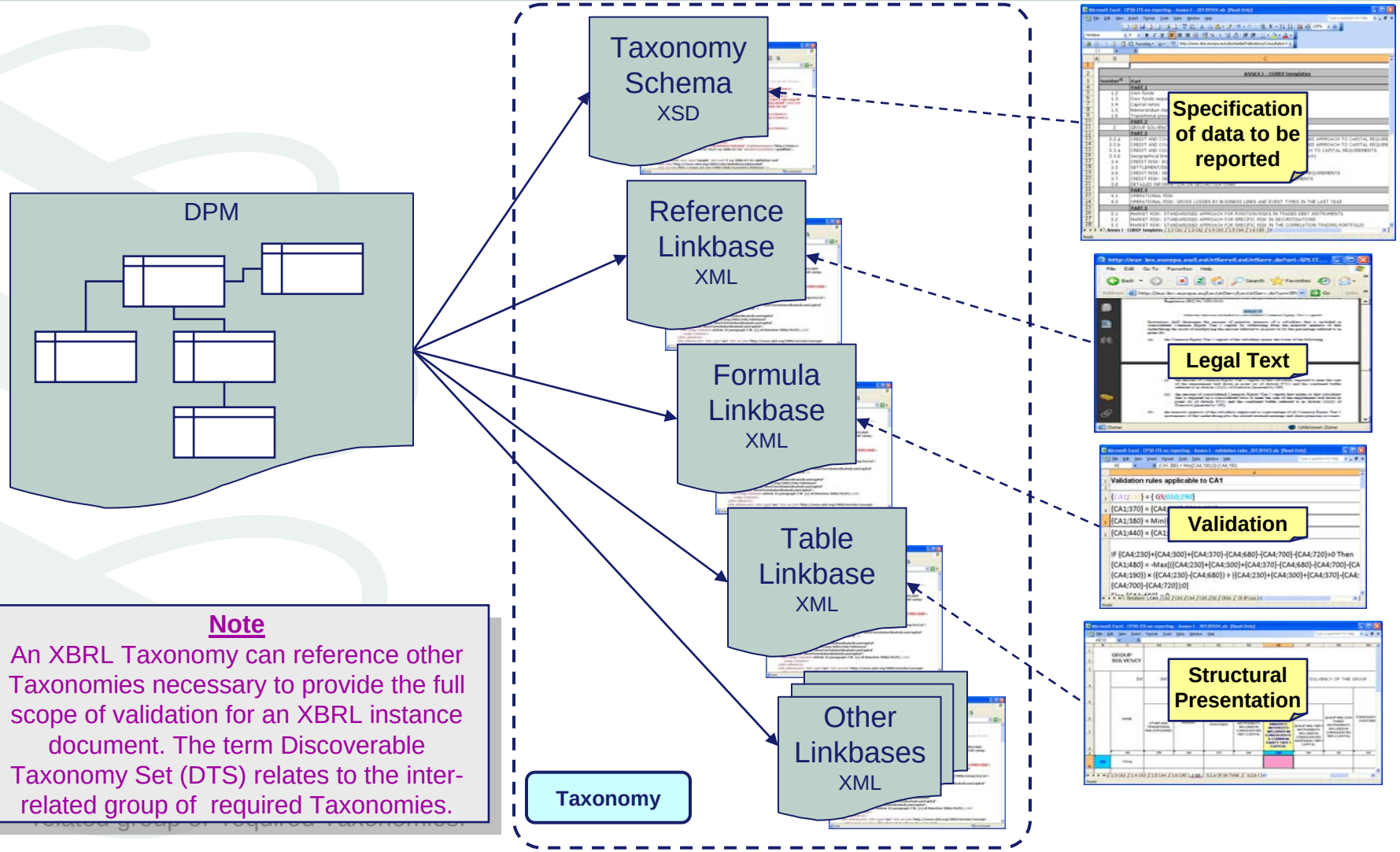


Note

This is a much simplified view of the type of information that the DPM will provide. The objects shown are not exactly as they will be found in the EBA Access database.

Data Point Model

Also used in the development of XBRL Taxonomy

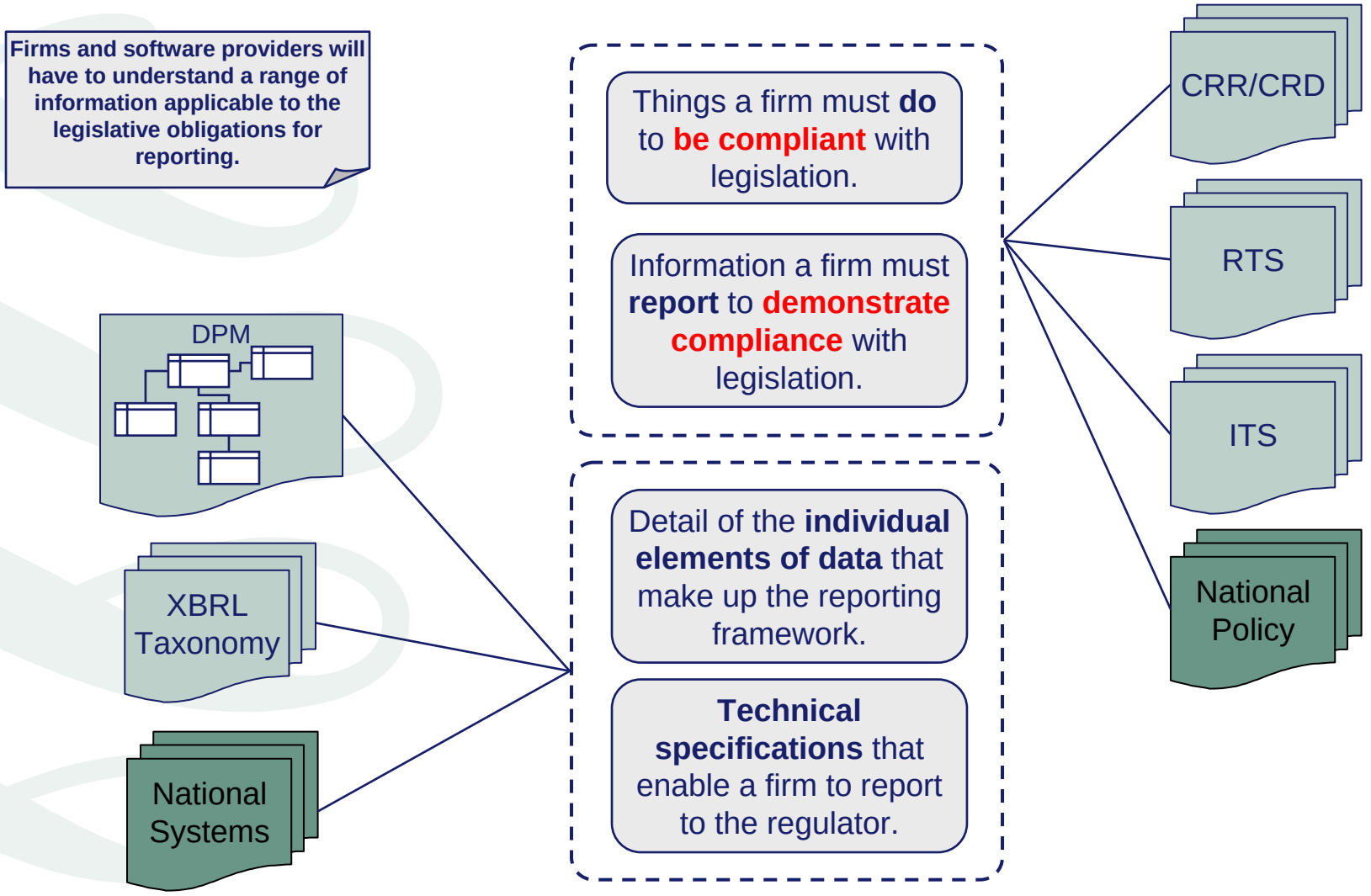


Note

An XBRL Taxonomy can reference other Taxonomies necessary to provide the full scope of validation for an XBRL instance document. The term Discoverable Taxonomy Set (DTS) relates to the inter-related group of required Taxonomies.

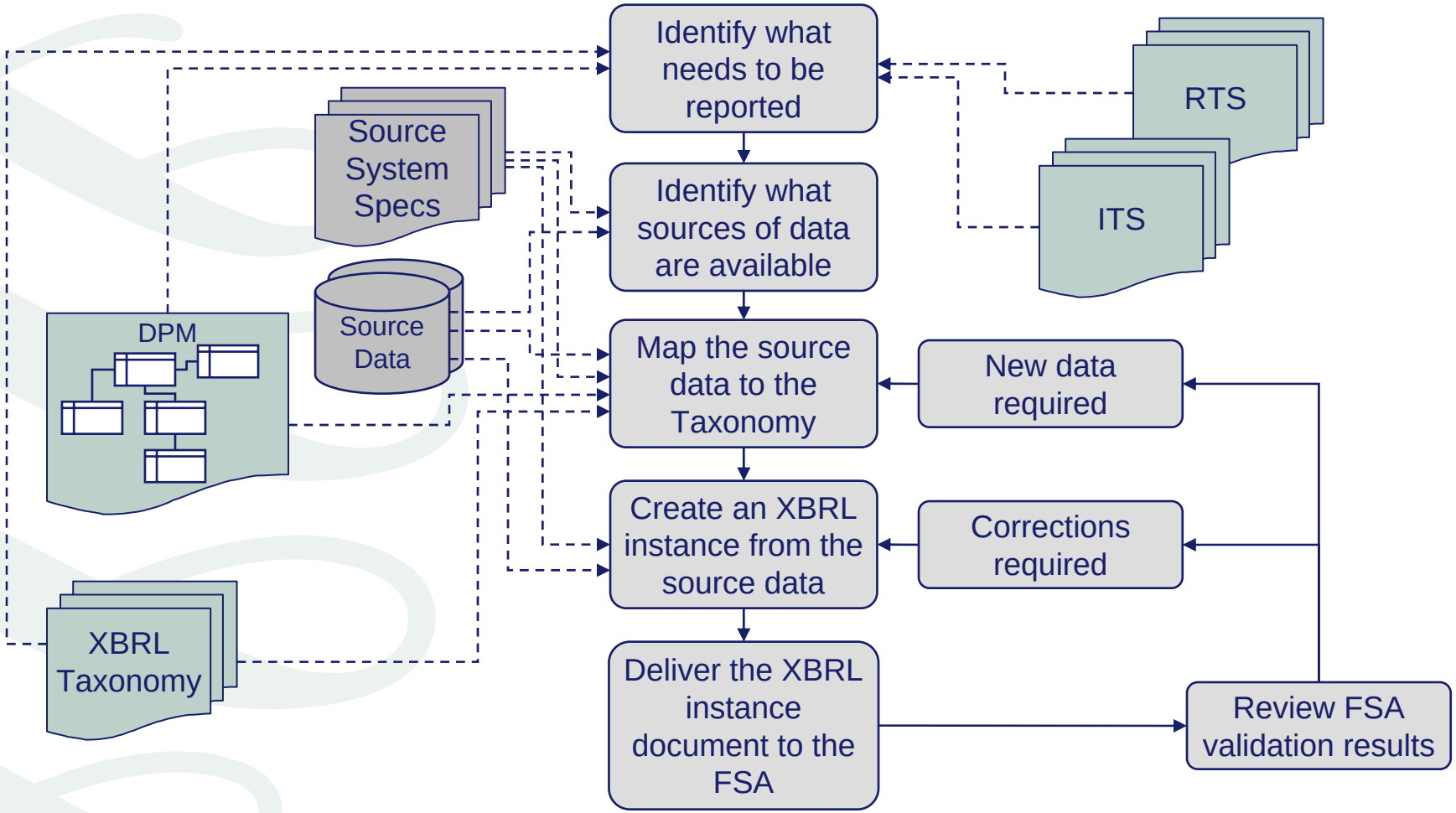
Information applicable to undertaking regulatory reporting

Business and Technical material from multiple parties



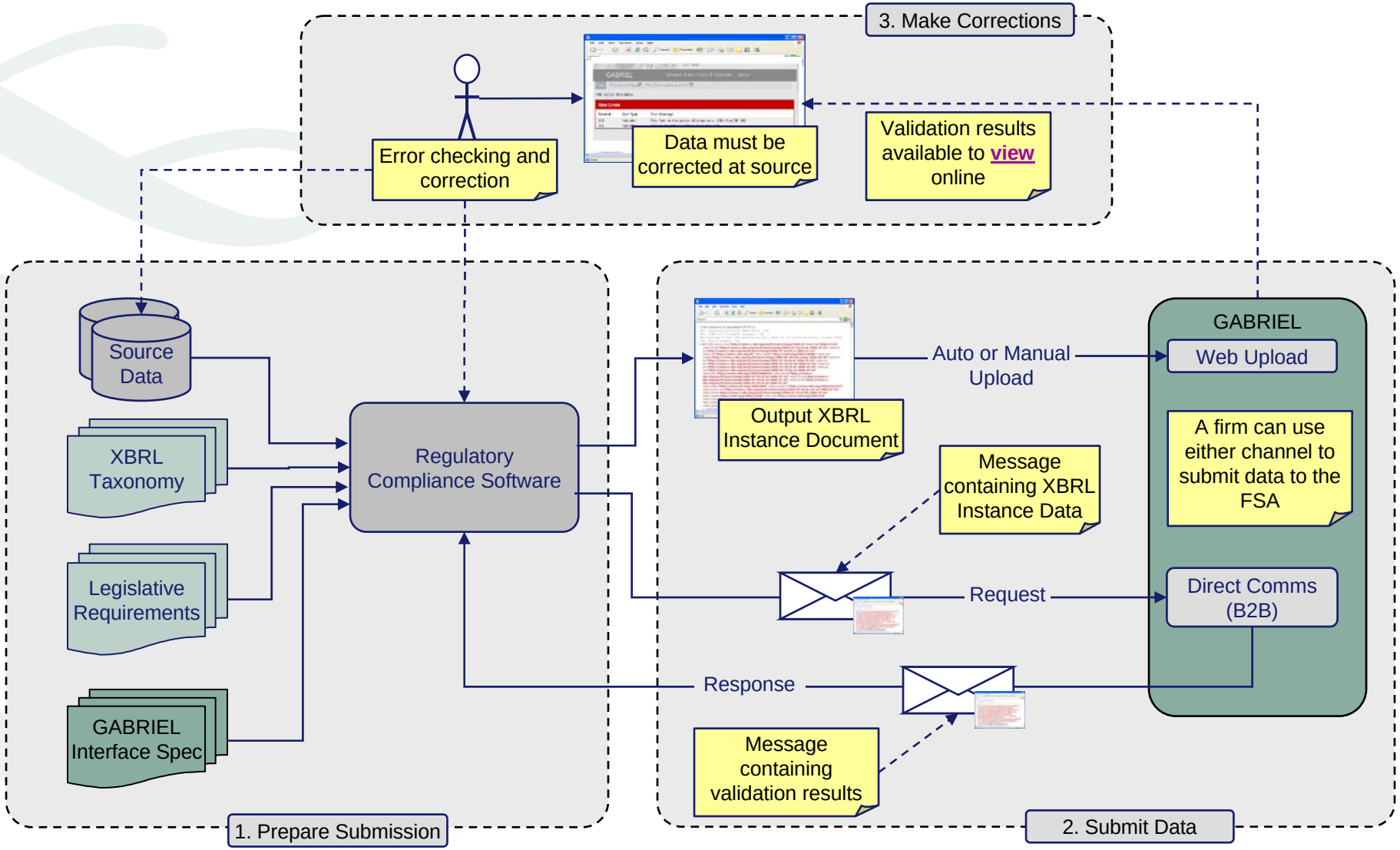
Process flow from Firm to NSA to EBA

A conceptual example of steps in the reporting process



XBRL Instance Documents

A conceptual example using compliance reporting software



XBRL Instance Documents

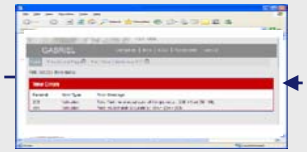
A conceptual example capturing source data by template

Excel is often used for data entry, though vendors may also provide form based product software

3. Make Corrections

View validation results, amend input data and upload a new instance

5



XBRL Taxonomy

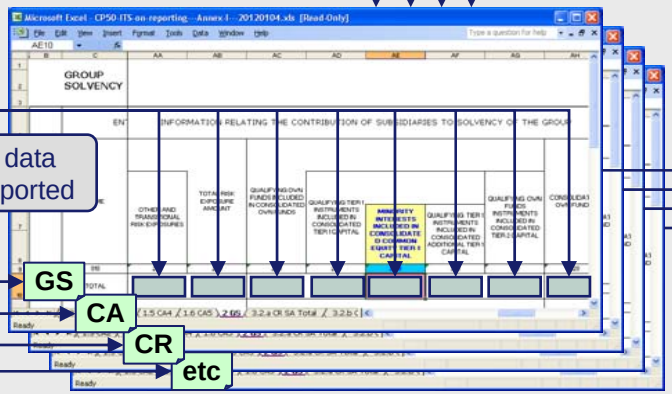
A firm could use any available software, though the FSA will not provide this facility

Map Taxonomy to a data entry form

1

Enter all required data

2



… for all of the data required to be reported

1a

1, Firm prepares its Submission

Upload the document to the FSA website

4

GABRIEL

Web Upload

A firm can use either channel to submit data to the FSA

Direct Comms (B2B)

The FSA does not intend to provide data entry for COREP or FINREP

'**Generate**' a **single** XBRL instance document

3

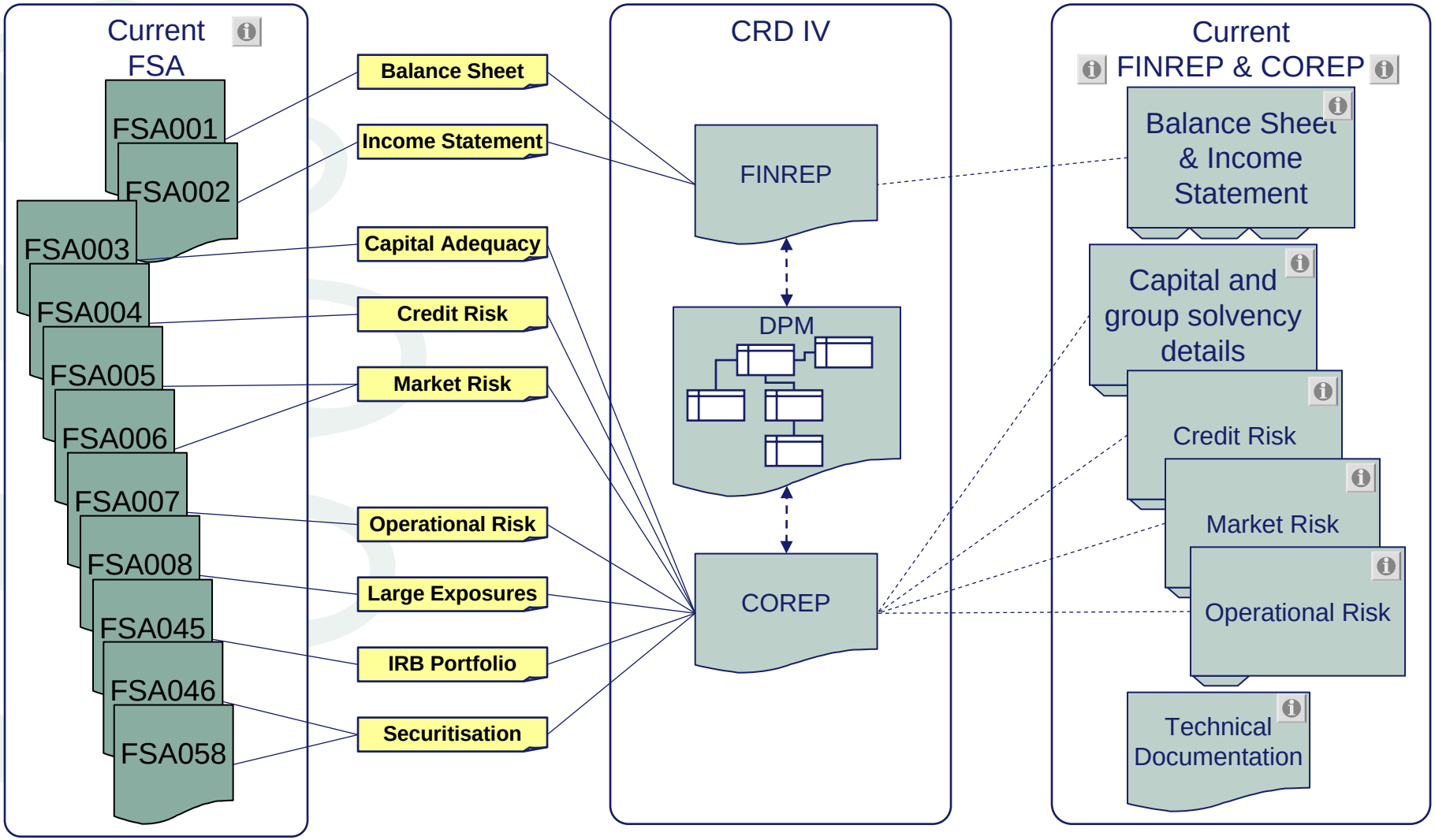
2. Submit Data

Note

Software vendor products enable or include the mapping of taxonomy elements to enable the user to enter reporting data. In addition the product may run compliance checks, provide reference to the legislative text, generate the XBRL instance document and perform the upload.

Comparison with current FSA Data Item reporting

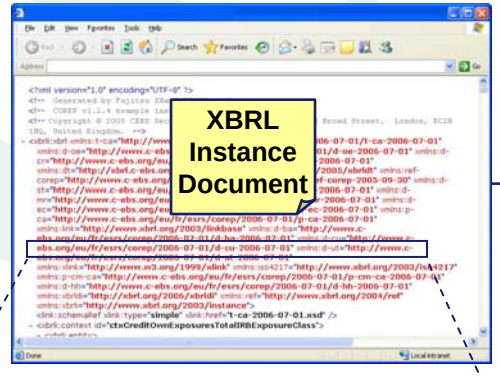
The move from individual items



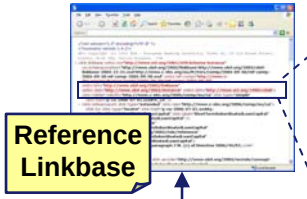
Comparison with current FSA Data Item reporting

How XBRL extends the functionality of XML

Caution!
Examples are from the current COREP taxonomy which specifies templates as individual taxonomies.

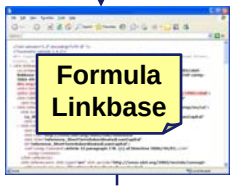


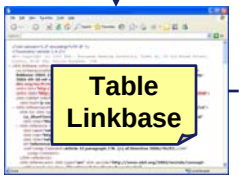

```
<p-ca:MinorityInterest decimals="0"
    contextRef="ctxTotalOwnFounds"
    unitRef="EUR">10</p-ca:MinorityInterest>
```

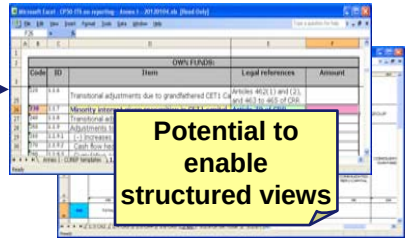


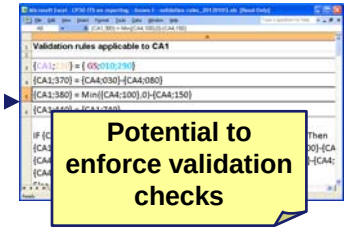

```
-<link:reference xlink:type="resource"
-   xlink:label="reference_MinorityInterest_2"
-   xlink:role=http://www.xbrl.org/2003/role/reference
-   xlink:title="reference_MinorityInterest"
-   id="reference_MinorityInterest">
-   <ref:Article>65</ref:Article>
-   <ref:Paragraph>1</ref:Paragraph>
-   <ref-corep:Letter>a</ref-corep:Letter>
-   <ref-corep:Directive>2006/48/EC</ref-corep:Directive>
-   </link:reference>
```

```
<xsd:element name="MinorityInterest"
    id="p-ca_MinorityInterest"
    type="xbrli:monetaryItemType"
    substitutionGroup="xbrli:item"
    nillable="true"
    xbrli:periodType="instant" />
```









Note
This is a much simplified view of the constituent parts of the CA Taxonomy.

References

Useful sites and links from this presentation

FSA	•http://www.fsa.gov.uk/pages/about/what/international/basel/crd/index.shtml •http://www.fsa.gov.uk/about/what/international/crd-iv •http://www.fsa.gov.uk/doing/regulated/returns/irr/gabriel/system/drg
EC Legislation	•http://ec.europa.eu/internal_market/bank/regcapital/new_proposals_en.htm –http://europa.eu/rapid/pressReleasesAction.do?reference=MEMO/11/527&format=HTML&aged=0&language=EN&guiLanguage=en
EBA	•http://www.eba.europa.eu/Publications/Consultation-Papers/All-consultations/2012/EBA-CP-2012-02.aspx –http://www.eba.europa.eu/Publications/Consultation-Papers/All-consultations/Archive/CP41-CP50/CP50.aspx •http://www.eba.europa.eu/cebs/media/Publications/Consultation%20Papers/2011/CP50/CP50-ITS-on-reporting---Annex-I---20120104.xls •http://www.eba.europa.eu/cebs/media/Publications/Consultation%20Papers/2011/CP50/CP50-ITS-on-reporting---Annex-I---validation-rules_20120103.xls •http://www.eba.europa.eu/cebs/media/Publications/Consultation%20Papers/2011/CP50/CP50-ITS-on-reporting---Annex-II-(2).pdf •http://www.eba.europa.eu/cebs/media/Publications/Consultation%20Papers/2011/CP50/CP50-ITS-on-reporting---Annex-III,-IV,-V.pdf •http://www.eba.europa.eu/cebs/media/Publications/Consultation%20Papers/2011/CP50/CP50-ITS-on-reporting---Annex-III.XLS –http://www.eba.europa.eu/Publications/Consultation-Papers/All-consultations/2012/CP51.aspx –http://www.eba.europa.eu/Publications/Consultation-Papers/All-consultations/2012/EBA-CP-2012-05.aspx –http://www.eba.europa.eu/Publications/Consultation-Papers/All-consultations/2012/EBA-CP-2012-06.aspx –http://www.eba.europa.eu/Publications/Consultation-Papers/All-consultations/2012/EBA-CP-2012-DPM.aspx
Eurofiling (Current COREP & FINREP Frameworks)	•http://www.eurofiling.info/index.shtml –http://www.eurofiling.info/corepTaxonomy/descriptions/COREP%20-%20FINREP%20Documentation-2007-04-20.pdf –http://www.eurofiling.info/finrepTaxonomy/taxonomy.shtml •http://www.c-ebs.org/documents/Publications/Standards---Guidelines/files-from-old-website/CP06revAnnex1_tracked.aspx –http://www.eurofiling.info/corepTaxonomy/taxonomy.shtml#1.4.1 •http://www.eba.europa.eu/cebs/media/Publications/Standards%20and%20Guidelines/2011/COREP/GL04rev3CRR.xls •http://www.eba.europa.eu/cebs/media/Publications/Standards%20and%20Guidelines/2011/COREP/GL04rev3MKR.xls •http://www.eba.europa.eu/cebs/media/Publications/Standards%20and%20Guidelines/2011/COREP/GL04rev3OPR.xls •http://www.eba.europa.eu/cebs/media/Publications/Standards%20and%20Guidelines/2011/COREP/GL04rev3CA-GSD.xls
XBRL Specification	•http://www.xbrl.org/ –http://www.xbrl.org/TheStandard –http://www.xbrl.org/generic-references-10-recommendation-22-june-2009 –http://www.xbrl.org/formula-10-recommendation-22-june-2009 –http://www.xbrl.org/Specification/table-linkbase/PWD-2011-12-21/table-linkbase-PWD-2011-12-21.html