



# Release notes for the 2.2.0 HOTFIX release of the EIOPA Solvency II DPM and XBRL taxonomy

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For 2.2.0 Taxonomy  
hotfix explanations  
please see section IX

## I Introduction

This EIOPA Solvency II DPM and XBRL taxonomy package release 2.2.0 HOTFIX is provided to be used from the 31/12/2017 reference date until a new version is announced in line with the [Governance of Taxonomy Releases](#).

It covers both the definition of reporting requirements and the underlying regulations for this release.

## II Underlying regulations

DPM and taxonomy are based on the following materials:

- The Commission Implementing Regulation (EU) 2015/2450 with regard to the templates for the submission of information to the supervisory authorities according to Directive 2009/138/EC (ITS on Reporting);
- The Commission Implementing Regulation (EU) 2016/1868 amending and correcting Implementing Regulation (EU) 2015/2450 laying down implementing technical standards with regard to the templates for the submission of information to the supervisory authorities according to Directive 2009/138/EC ([ITS on Reporting - amendment](#));
- The Commission Implementing Regulation (EU) 2015/2452 of 2 December 2015 laying down implementing technical standards with regard to the procedures, formats and templates of the solvency and financial condition report in accordance with Directive 2009/138/EC ([ITS on Disclosure](#))<sup>1</sup>;
- The ITS on Special Purpose Vehicles ([ITS](#));
- The Guidelines on Financial Stability Reporting ([Guidelines](#));
- The Guidelines on Third Country Branches ([Guidelines and annexes](#));
- Unofficial reporting templates including ECB add-ons and Instructions for ECB add-ons ([ECB add-ons](#));
- **[Business package](#) based on documents publicly consulted amending and correcting the Commission Implementing Regulation (EU) 2015/2450, (EU) 2015/2452, the Guidelines on Financial Stability Reporting and the Guidelines on the supervision of branches of third-country insurance undertakings. Please note that this package is pending to the European Commission endorsement but that changes impacting Taxonomy are not expected.**

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<sup>1</sup> The Public Disclosure Templates are included in the Taxonomy only as an option for the undertakings to facilitate the preparation of the reports. However, note that there are not changes in the Regulations for the publication of these information in regards the format, and currently there is not intention to collect or publish these data in XBRL.

### III Content

This package contains:

1. These Release notes,
2. The [DPM Dictionary](#) and [Annotated Templates](#) workbooks
3. The [Detailed change log between the 2.1.0 and 2.2.0](#)
4. The [Detailed change log between 2.2.0 and 2.2.0 PWD](#)
5. The [DPM documentation](#)
6. The [List of validations](#)
7. The [Solvency II validation syntax](#)
8. The [XBRL taxonomy](#), [XBRL instance examples](#) and [assertions test cases](#)
9. The [XBRL taxonomy documentation](#)
10. The [XBRL Filing Rules](#)
11. The [DPM database](#)
12. The [Business package](#) supporting the changes

## IV Scope

Table 1 below provides information on the number of templates for each entry point included in the package.

**Table 1. Scope of EIOPA Solvency II 2.2.0 package**

Entry point	Entry point acronym	Entry point code	Number of all templates	Number of dedicated unique templates
Annual Solvency II reporting Solo	ars	.01	90	90
Quarterly Solvency II reporting Solo	qrs	.02	14	5
Annual Solvency II reporting Group	arg	.04	62	40
Quarterly Solvency II reporting Group	qrg	.05	10	1
Annual Solvency II reporting Third country branches	arb	.07	82	10
Quarterly Solvency II reporting Third country branches	qrb	.08	14	2
Annual Financial Stability reporting Solo	afs	.10	6	4
Quarterly Financial Stability reporting Solo	qfs	.11	6	4
Annual Financial Stability reporting Group	afg	.12	6	1
Quarterly Financial Stability reporting Group	qfg	.13	10	4
Annual Financial Stability Third country branches	afb	.14	6	1
Quarterly Financial Stability Third country branches	qfb	.15	6	1
Annual ECB reporting Solo	aes	.16	93	6
Quarterly ECB reporting Solo	qes	.17	15	2
Annual ECB reporting Third country branches	aeb	.18	85	3
Quarterly ECB reporting Third country branches	qeb	.19	15	2
Annual reporting Special Purpose Vehicles	spv	.20	7	6
Annual Solvency II public disclosure Solo <sup>2</sup>	aps	.21	13	5
Annual Solvency II public disclosure Group	apg	.22	9	6
Technical entry point <sup>3</sup>	tep	.23	113	0

<sup>2</sup> The Public Disclosure Templates are included in the Taxonomy only as an option for the undertakings to facilitate the preparation of the reports. However, note that there are no changes in the Regulations for the publication of these information with regard to the format, and currently there is not intention to collect or publish these data in XBRL.

<sup>3</sup> The Technical entry point aims to provide the maximum flexibility in data transmission, not addressing any specific business area under discussion. NCAs may request to undertaking/s the use of this entry point, however EIOPA currently does not plan to use it.

## V DPM

For DPM explanation and application in the context of Solvency II reporting please see [EIOPA DPM Documentation](#).

DPM is defined in two workbooks:

- [EIOPA SolvencyII DPM Dictionary 2.2.0.xlsx](#)
- [EIOPA SolvencyII DPM Annotated Templates 2.2.0.xlsx](#)

The most significant changes comparing to the previous version are described in “Versioning” worksheet in both DPM Dictionary and Annotated Templates files, however there are also detailed change logs for [2.1.0 and 2.2.0](#) and The [2.2.0 and 2.2.0 PWD](#)

Please, note also that a technical table T.99 is been included in the Taxonomy and is described in the DPM documentation point V.3 Specific DPM-based solutions applied in Solvency II.

## VI XBRL

### VI.1 Taxonomy

For Solvency II XBRL Taxonomy description please see [EIOPA XBRL Taxonomy Documentation](#).

### VI.2 Availability of files

Taxonomy files are published as a compressed package for local use: [EIOPA SolvencyII XBRL Taxonomy 2.2.0](#).

### VI.3 Sample XBRL instance documents

The package contains sample XBRL instance documents for testing purposes. In the [EIOPA SolvencyII XBRL Instance documents 2.2.0](#), there are instance examples for each entry point, one contains random data for every table cell, the other has numeric values set to “zeros”. Additionally there is a template instance with context and fact for each data point preceded by a comment informing which table and cell it fits.

### VI.4 Performance

Due to the incorporation of new validations in the 2.2.0 version an increase of the needed resource for validations may be faced. EIOPA expects that XBRL solutions will address the optimization of these particular checks in the coming months. It is assumed that different approaches may be taken, for example some solution may deactivate these validations executed according to the XBRL standard and implement them by other means (such as C#, SQL, etc.) in order to ensure that the same data quality checks are performed. EIOPA believes that it is better to implement these checks in XBRL standard, rather than issuing them within other non-standard artefacts like the Filing Rules. However, in order to facilitate execution of these rules in other technologies, EIOPA provides alternative

implementation using custom functions. It is distributed as a separate .zip package with instructions available [here](#).

EIOPA would also like to highlight that these new rules are required in order to ensure the quality of the information and to enable analysis of the information and reduce the number of resubmissions requested. Additionally, these new rules do not add any business changes, only ensure that the existing data quality expectations are met.

## VII Validations

Data checks are listed in [EIOPA SolvencyII Validations.xlsx](#) where all validations for all business requirements scopes appears in a single workbook. The syntax used to define validations is provided in [EIOPA Solvency II validations syntax](#).

Apart from fixing of the technical issues, the following enhancements were introduced comparing to version 2.1.0:

- each validation that has Blocking severity was duplicated (with \_w suffix) with a Non-blocking (warnings) severity that should be evaluated if other than regular reporting reason is indicated in the basic information (cell C0010/R0100). This is to cover within the same regular taxonomy the reporting of special cases described [here](#).
- custom functions are included to better check LEI and ISIN codes with regard to the checksum, etc.
- each entry point is associated with a linkbase file that will be used to deactivate assertions as described in <http://eurofiling.info/portal/taxonomiesmechxml-blacklist/>

## VIII Feedback for Taxonomy

EIOPA encourages stakeholders to report issues in the 2.2.0 to the functional mailbox [xbrl@eiopa.europa.eu](mailto:xbrl@eiopa.europa.eu). Please note that in this feedback will be subject to the below conditions:

- EIOPA will list all confirmed issues found in the taxonomy to the existing “[public list of known issues](#)”.
- Subject to the agreement of the reporting stakeholder, EIOPA will publish per issue found the name of the stakeholder (name of company or individual person) - from which EIOPA first received the issue in its functional mailbox. The date of receipt at EIOPA will also be made publicly available.
- EIOPA reserves all the rights to decide which issues are to be listed in the “public list of known issues”.

- Note that one email with feedback may serve to identify more than one issue, and opposite, one issue may be identified complementing feedback from more than one email. EIOPA reserves all the rights to decide how the issues are registered and to assign one issue to one or more stakeholders.
- Stakeholders having contractual relations with EIOPA, which allow them to have any advantageous access to information related with taxonomy, are not allowed to participate.
- By submitting feedback stakeholders acknowledge and consent that this may be used by EIOPA to improve Taxonomy. Particularly EIOPA recalls that all feedback is subject to the EIOPA Taxonomy licence.
- EIOPA reserves all the rights to cancel, modify or add conditions to this feedback process, list of known issues publication and acknowledgments at any point of time and without justification.
- EIOPA ensures that any processing of personal data will be performed in accordance with Regulation (EC) No. 45/2001 of the European Parliament and the Council of 18 December 2000 on the protection of individuals with regard to the processing of personal data by the Community institutions and bodies and on the free movement of such data.

## IX Hotfix

As announced the EIOPA decided to publish the 2.2.0 XBRL taxonomy hotfix due to the need of the issue number 123 described in the List of known issues which prevented the taxonomy from being correctly loaded in some tools. This hotfix contains also correction of other issues discovered so far in the taxonomy that keep backwards incompatibility of XBRL instance documents. **However, even the hotfix is light and has limited impact on structures and mappings, due to the changes on validations and other implementation artefacts the EIOPA requests to all users to update ALL the systems to use only this hotfix version and does not plan to support the original 2.2.0 taxonomy.** In particular no changes have been made to the dictionary nor reporting templates. Issues fixed in the hotfix release are detailed in Annex 1. List of validations are also not included 2.2.0 validation as all of them are only maintained within the 2.2.0 hotfix version.

Majority of fixes relate to correction of validation rules which were invalid from business perspective (as identified in the List of validations published together with this hotfix release) or incorrectly implemented from the technical perspective (as described in the List of known issues). Annex 2 lists affected validation rules.

List of all modified, removed or added files comparing to the 2.2.0 taxonomy package is provided in Annex 3.

**The hotfix taxonomy is published with grace period ending of December 7, 2017. During this grace period review and feedback are required and welcomed.** Modifications to the taxonomy only may occur if major issues are identified. Otherwise, this package will be consider valid and **exactly the same version than the published the 24 November 2017** will be uploaded to the canonical locations (http and https servers) on 7 December.



## Annex 1 – Issues fixed in the hotfix release

2.2.0 hotfix contains fixes to the following bugs identified in the List of known issues:

- 120
- 121
- 122
- 123
- 124
- 125
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- 128
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- 132
- 133
- 134
- 135

## Annex 2 – Validations fixed in the hotfix release

2.2.0 hotfix corrects the following validations:

- BV137
- BV266
- BV361
- BV389
- BV404
- BV438
- BV439
- BV440
- BV441
- BV442
- BV672
- BV673
- BV674
- BV675
- BV676
- BV677
- BV678
- BV679
- BV680
- BV681
- BV682
- BV683
- BV684
- BV687
- EV35
- EV38
- EV40
- TV1
- TV2
- TV3
- TV4

- TV5
- TV6
- TV7
- TV8
- TV9
- TV10
- TV11
- TV12
- TV13
- TV14
- TV15
- TV16
- TV17
- TV18
- TV19
- TV20
- TV21
- TV40
- TV41
- TV42
- TV44
- TV45
- TV46
- TV47
- TV50
- TV51
- TV52
- TV53
- TV54
- TV55
- TV56
- TV57
- TV1000
- TV1001

## Annex 3 – Folders and files modified, added and removed in the hotfix release

Following files have been modified in the hotfix release:

- META\_INF
  - o taxonomyPackage.xml
- eiopa.europa.eu/xbrl/
  - o func
    - func.xsd
    - isin-check.xml
  - o s2md/fws/solvency/solvency2/2017-07-15/
    - mod
      - aeb-find-check.xml
      - aeb-find-prec.xml
      - aeb.xsd
      - aes-find-check.xml
      - aes-find-prec.xml

- aes.xsd
- afb-find-check.xml
- afb-find-prec.xml
- afb.xsd
- afg-find-check.xml
- afg-find-prec.xml
- afg.xsd
- afs-find-check.xml
- afs-find-prec.xml
- afs.xsd
- apg-find-check.xml
- aps-find-check.xml
- arb-find-check.xml
- arb-find-prec.xml
- arb.xsd
- arg-find-check.xml
- arg-find-prec.xml
- arg.xsd
- ars-find-check.xml
- ars-find-prec.xml
- ars.xsd
- qeb-find-check.xml
- qeb-find-prec.xml
- qeb.xsd
- qes-find-check.xml
- qes-find-prec.xml
- qes.xsd
- qfb-find-check.xml
- qfb-find-prec.xml
- qfb.xsd
- qfg-find-check.xml
- qfg-find-prec.xml
- qfg.xsd
- qfs-find-check.xml
- qfs-find-prec.xml
- qfs.xsd
- qrb-find-check.xml
- qrb-find-prec.xml
- qrb.xsd
- qrg-find-check.xml
- qrg-find-prec.xml
- qrg.xsd
- qrs-find-check.xml
- qrs-find-prec.xml
- qrs.xsd
- spv-find-check.xml
- tep-find-check.xml
- val
  - aset-e.01.01.16.01.xml
  - aset-s.01.02.01.01.xml
  - aset-s.01.02.04.01.xml
  - aset-s.01.02.07.01.xml
  - aset-s.02.01.02.01\_s.12.01.02.01.xml

- aset-s.02.01.08.01\_s.12.01.02.01.xml
- aset-s.12.01.02.01\_se.02.01.17.01.xml
- aset-s.12.01.02.01\_se.02.01.19.01.xml
- aset-s.25.01.01.01\_se.01.01.16.01.xml
- vr-bv137-1-err-en.xml
- vr-bv137-1-lab-en.xml
- vr-bv137-1.xml
- vr-bv137-1\_w-err-en.xml
- vr-bv137-1\_w-lab-en.xml
- vr-bv137-1\_w.xml
- vr-bv137-2-err-en.xml
- vr-bv137-2-lab-en.xml
- vr-bv137-2.xml
- vr-bv137-2\_w-err-en.xml
- vr-bv137-2\_w-lab-en.xml
- vr-bv137-2\_w.xml
- vr-bv137-3-err-en.xml
- vr-bv137-3-lab-en.xml
- vr-bv137-3.xml
- vr-bv137-3\_w-err-en.xml
- vr-bv137-3\_w-lab-en.xml
- vr-bv137-3\_w.xml
- vr-bv137-4-err-en.xml
- vr-bv137-4-lab-en.xml
- vr-bv137-4.xml
- vr-bv137-4\_w-err-en.xml
- vr-bv137-4\_w-lab-en.xml
- vr-bv137-4\_w.xml
- vr-bv137-5-err-en.xml
- vr-bv137-5-lab-en.xml
- vr-bv137-5.xml
- vr-bv137-5\_w-err-en.xml
- vr-bv137-5\_w-lab-en.xml
- vr-bv137-5\_w.xml
- vr-bv137-6-err-en.xml
- vr-bv137-6-lab-en.xml
- vr-bv137-6.xml
- vr-bv137-6\_w-err-en.xml
- vr-bv137-6\_w-lab-en.xml
- vr-bv137-6\_w.xml
- vr-bv137-7-err-en.xml
- vr-bv137-7-lab-en.xml
- vr-bv137-7.xml
- vr-bv137-7\_w-err-en.xml
- vr-bv137-7\_w-lab-en.xml
- vr-bv137-7\_w.xml
- vr-bv137-8-err-en.xml
- vr-bv137-8-lab-en.xml
- vr-bv137-8.xml
- vr-bv137-8\_w-err-en.xml
- vr-bv137-8\_w-lab-en.xml
- vr-bv137-8\_w.xml
- vr-bv266\_1-1.xml

- vr-bv266\_1-1\_w.xml
- vr-bv266\_1-2.xml
- vr-bv266\_1-2\_w.xml
- vr-bv361-1-err-en.xml
- vr-bv361-1-lab-en.xml
- vr-bv361-1.xml
- vr-bv361-1\_w-err-en.xml
- vr-bv361-1\_w-lab-en.xml
- vr-bv361-1\_w.xml
- vr-bv389-1.xml
- vr-bv389-2.xml
- vr-bv389-3.xml
- vr-bv389-4.xml
- vr-bv404-3-lab-en.xml
- vr-bv404-3\_w-lab-en.xml
- vr-bv404-4-lab-en.xml
- vr-bv404-4\_w-lab-en.xml
- vr-bv438-1-err-en.xml
- vr-bv438-1-lab-en.xml
- vr-bv438-1.xml
- vr-bv439-1-err-en.xml
- vr-bv439-1-lab-en.xml
- vr-bv439-1.xml
- vr-bv440-1-lab-en.xml
- vr-bv441-1-err-en.xml
- vr-bv441-1-lab-en.xml
- vr-bv441-1.xml
- vr-bv442-1-err-en.xml
- vr-bv442-1-lab-en.xml
- vr-bv442-1.xml
- vr-bv672-1-lab-en.xml
- vr-bv672-2-lab-en.xml
- vr-bv673-1-lab-en.xml
- vr-bv673-2-lab-en.xml
- vr-bv674-1-lab-en.xml
- vr-bv674-2-lab-en.xml
- vr-bv675-1-lab-en.xml
- vr-bv675-2-lab-en.xml
- vr-bv676-1-lab-en.xml
- vr-bv676-2-lab-en.xml
- vr-bv677-1-lab-en.xml
- vr-bv677-2-lab-en.xml
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- vr-bv679-1-lab-en.xml
- vr-bv679-2-lab-en.xml
- vr-bv680-1-lab-en.xml
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- vr-bv681-2-lab-en.xml
- vr-bv682-1-lab-en.xml
- vr-bv682-2-lab-en.xml
- vr-bv683-1-lab-en.xml

- vr-bv683-2-lab-en.xml
- vr-bv684-1-lab-en.xml
- vr-bv684-2-lab-en.xml
- vr-bv687-1-err-en.xml
- vr-bv687-1.xml
- vr-bv687-1\_w-err-en.xml
- vr-bv687-1\_w.xml
- vr-ev35-1.xml
- vr-ev38-1.xml
- vr-ev40-1.xml
- vr-tv1.xml
- vr-tv10.xml
- vr-tv1000.xml
- vr-tv1001.xml
- vr-tv11.xml
- vr-tv12.xml
- vr-tv13.xml
- vr-tv14.xml
- vr-tv15.xml
- vr-tv16.xml
- vr-tv17.xml
- vr-tv18.xml
- vr-tv19.xml
- vr-tv2.xml
- vr-tv20.xml
- vr-tv21.xml
- vr-tv22.xml
- vr-tv26.xml
- vr-tv27.xml
- vr-tv28.xml
- vr-tv29.xml
- vr-tv3.xml
- vr-tv30.xml
- vr-tv31.xml
- vr-tv32.xml
- vr-tv33.xml
- vr-tv39-1-err-en.xml
- vr-tv39-1-lab-en.xml
- vr-tv39-1.xml
- vr-tv4.xml
- vr-tv40-1-err-en.xml
- vr-tv40-1-lab-en.xml
- vr-tv40-1.xml
- vr-tv41-1.xml
- vr-tv42-1.xml
- vr-tv44-1-err-en.xml
- vr-tv44-1-lab-en.xml
- vr-tv44-1.xml
- vr-tv45-1.xml
- vr-tv46-1-err-en.xml
- vr-tv46-1-lab-en.xml
- vr-tv46-1.xml
- vr-tv46-2.xml

- vr-tv47-1.xml
  - vr-tv47-2.xml
  - vr-tv5.xml
  - vr-tv50-1.xml
  - vr-tv51-1.xml
  - vr-tv52-1.xml
  - vr-tv53-1.xml
  - vr-tv54-1.xml
  - vr-tv55-1.xml
  - vr-tv56-1.xml
  - vr-tv57-1-err-en.xml
  - vr-tv57-1.xml
  - vr-tv57-2-err-en.xml
  - vr-tv57-2.xml
  - vr-tv57-3-err-en.xml
  - vr-tv57-3.xml
  - vr-tv6.xml
  - vr-tv7.xml
  - vr-tv8.xml
  - vr-tv9.xml
- www.eurofiling.info/eu/fr/xbrl/
  - ext
    - filing-indicators.xsd
    - model.xsd
    - pivot-variable.xml
    - pivot-variable.xsd
  - func
    - custom-margin.xml
    - extra-functions.xml
    - func.xsd
    - interval-arithmetics.xml
  - val
    - filt.xml
    - params.xml

Following files have been removed:

- eiopa.europa.eu/eu/xbrl/
  - func
    - func-formula.xml
  - s2md/fws/solvency/solvency2/2017-07-15
    - mod
      - tep-find-prec.xml
    - val
      - vr-bv195-8-1\_w-err-en.xml
      - vr-bv195-8-1\_w-lab-en.xml
      - vr-bv195-8-1\_w.xml
      - vr-bv206-8-1\_w-err-en.xml
      - vr-bv206-8-1\_w-lab-en.xml
      - vr-bv206-8-1\_w.xml
      - vr-bv217-9-1\_w-err-en.xml
      - vr-bv217-9-1\_w-lab-en.xml
      - vr-bv217-9-1\_w.xml
      - vr-bv389-1\_w-err-en.xml

- vr-bv389-1\_w-lab-en.xml
- vr-bv389-1\_w.xml
- vr-bv389-2\_w-err-en.xml
- vr-bv389-2\_w-lab-en.xml
- vr-bv389-2\_w.xml
- vr-bv389-3\_w-err-en.xml
- vr-bv389-3\_w-lab-en.xml
- vr-bv389-3\_w.xml
- vr-bv389-4\_w-err-en.xml
- vr-bv389-4\_w-lab-en.xml
- vr-bv389-4\_w.xml
- vr-ev35-1\_w-err-en.xml
- vr-ev35-1\_w-lab-en.xml
- vr-ev35-1\_w.xml
- vr-ev38-1\_w-err-en.xml
- vr-ev38-1\_w-lab-en.xml
- vr-ev38-1\_w.xml
- vr-ev40-1\_w-err-en.xml
- vr-ev40-1\_w-lab-en.xml
- vr-ev40-1\_w.xml

Following folders and files have been added:

- eiopa.europa.eu/xbrl/
  - o func
    - lei-check.xml
    - codes-check.xml