

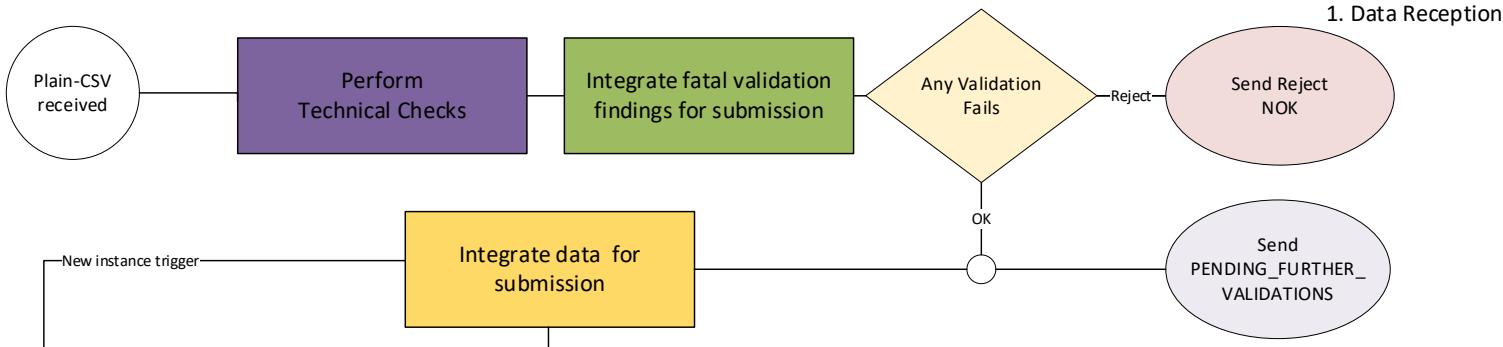
Explanation of data quality feedback from Registers of information (RoI) validations by the ESAs

RoI validations - Overview

- DORA will perform 4 types of validations. All validations are listed on the EBA website under this link
- <https://www.eba.europa.eu/sites/default/files/2025-01/3c9f34b6-236f-4520-ac05-02ffb9d63fb5/Overview%20of%20the%20RoI%20reporting%20technical%20checks%20and%20validation%20rules.xlsx>
- They are organised in 4 categories
 1. Technical Validations
 2. DPM Technical Checks
 3. DPM Business Validation Rules
 4. EUID and LEI Checks.

The next slides show which validations are performed in which step of the process.

Rol Validations – Technical Validations



List of technical checks to be applied upon receipt of the DORA registers of information by the EBA		
Rule code	Category	Rule description
102	Reception	SFTP report file size must not exceed 10GB
103	Reception	ZIP consistency (checksum, unzips correctly).
104	Reception	Filename allowed characters: alphanumeric plus hyphens ('-'), underscores ('_') and dots ('.')
105	Reception	Filename structure (ReportSubject_Country_FrameworkCodeModuleVersion_Module_ReferenceDate_CreationTimestamp)
106	Reception	Filename module inconsistency with the report category (SUP, REM, RES, PAY, DORA, PILLAR3)
107	Reception	For CA submitted reports, the submission path country must match the filename country code
109	Reception	Filename reference date is valid date with format 'yyyy-mm-dd'
110	Reception	Each submitted report filename must be unique - duplicate filenames are not allowed
111	Reception	Reference date in the filename cannot be in the future
115	Reception	DORA submitted report files must be a zip containing plain-csv
701	CSV	CSV zip file must contain reports/report.json, reports/FilingIndicators.csv and reports/parameters.csv files and must be non-empty
702	CSV	Invalid declarations in FilingIndicators.csv - wrong number of columns reported
703	CSV	Each template can be declared only once in FilingIndicators.csv
704	CSV	Only boolean values (true, false, 1, 0) are allowed for any template code in FilingIndicators.csv
705	CSV	Missing filing indicator value - the true/false value is missing - only template code is present
714	CSV	The 'entityID' parameter must exist and its value must match filename
720	CSV	Valid table names must be used as .csv filenames
801	Additional Plain-csv	All the header column codes must be defined in the taxonomy json files (in DPM)
802	Additional Plain-csv	No column can be reported twice
803	Additional Plain-csv	For closed tables, all the row identifier must match those in the dpm
804	Additional Plain-csv	For closed tables, No row identifier can be reported twice
805	Additional Plain-csv	For open tables, the key columns values cannot be empty
807	Additional Plain-csv	The reported data must follow the key-foreign key constraints defined in the DPM
808	Additional Plain-csv	All filing indicators have to be sent as true - and the templates reported empty if no data is present

Introduction [Technical checks](#) DPM Technical Checks DPM Business Validation Rules LEI - EUID checks +

Accessibility: [Investigate](#)

Occupational Pensions Authority

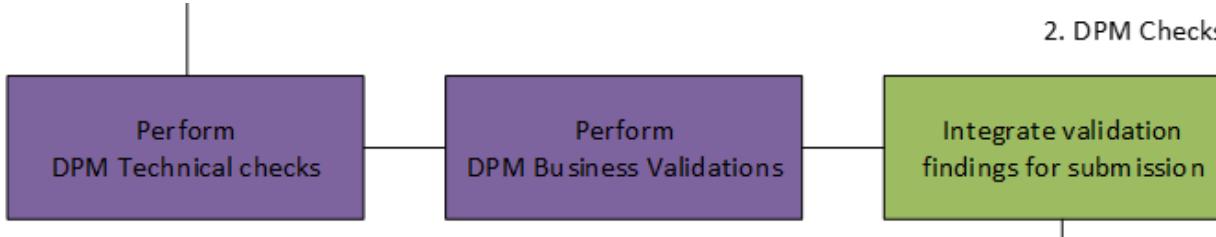
Role Validations – DPM Technical Checks



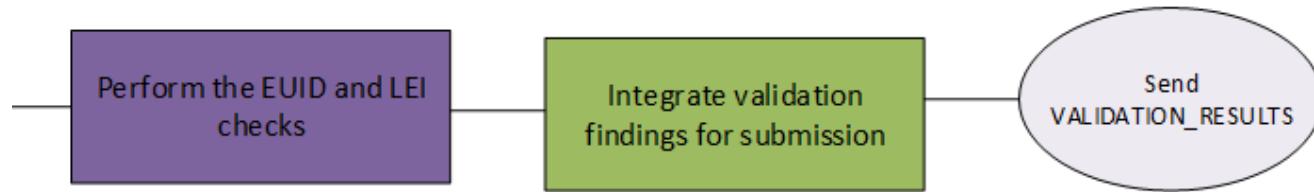
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1	List of DPM technical checks to be applied by the EBA to the received DORA registers of information		
2	Rule code	Category	Rule description
3	305	DPM Technical Checks	Numeric fact must not be reported with a string value
4	306	DPM Technical Checks	XBRL instance documents must use UTF-8 encoding.
5	320	DPM Technical Checks	Reference date inside an instance as well as within filename must be valid (FR 2.13, FR 2.10)
6	330	DPM Technical Checks	Date type metric must be reported with format 'yyyy-mm-dd'
7	331	DPM Technical Checks	Integer type metric must be reported with an integer
8	332	DPM Technical Checks	Boolean type metric must be reported with a boolean value (true/false/1/0)
9	333	DPM Technical Checks	trueItemType must be reported with true value
10	503	DPM Technical Checks	Extensible main property and explicit key dimension must only be reported with one of the restricted value of a hierarchy
11	505	DPM Technical Checks	Each report must contain a report.json and this one must point to entrypoint json file for the module
12	510	DPM Technical Checks	The values of filing indicators MUST only be those given by the label resources with the role http://www.eurofiling.info/xbrl/role/filing-indicator-code (the values are also present in TemplateCode field of Template table in DPM) (FR 1.6.3)
13	512	DPM Technical Checks	The module referenced by the instance document must not refer to a taxonomy having FromDate = ToDate
14	514	DPM Technical Checks	Reporting subject must include entity type with '.' qualifier if the reference date is on or after 2022-12-31, and the module code does not contain CON or IND
15	806	Additional Plain-csv	For open tables, you cannot have multiple rows with identical key values
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< > Introduction | Technical checks | **DPM Technical Checks** | DPM Business Validation Rules | LEI - EUID checks | + : ← →

Rol Validations – DPM Business Validations Rules



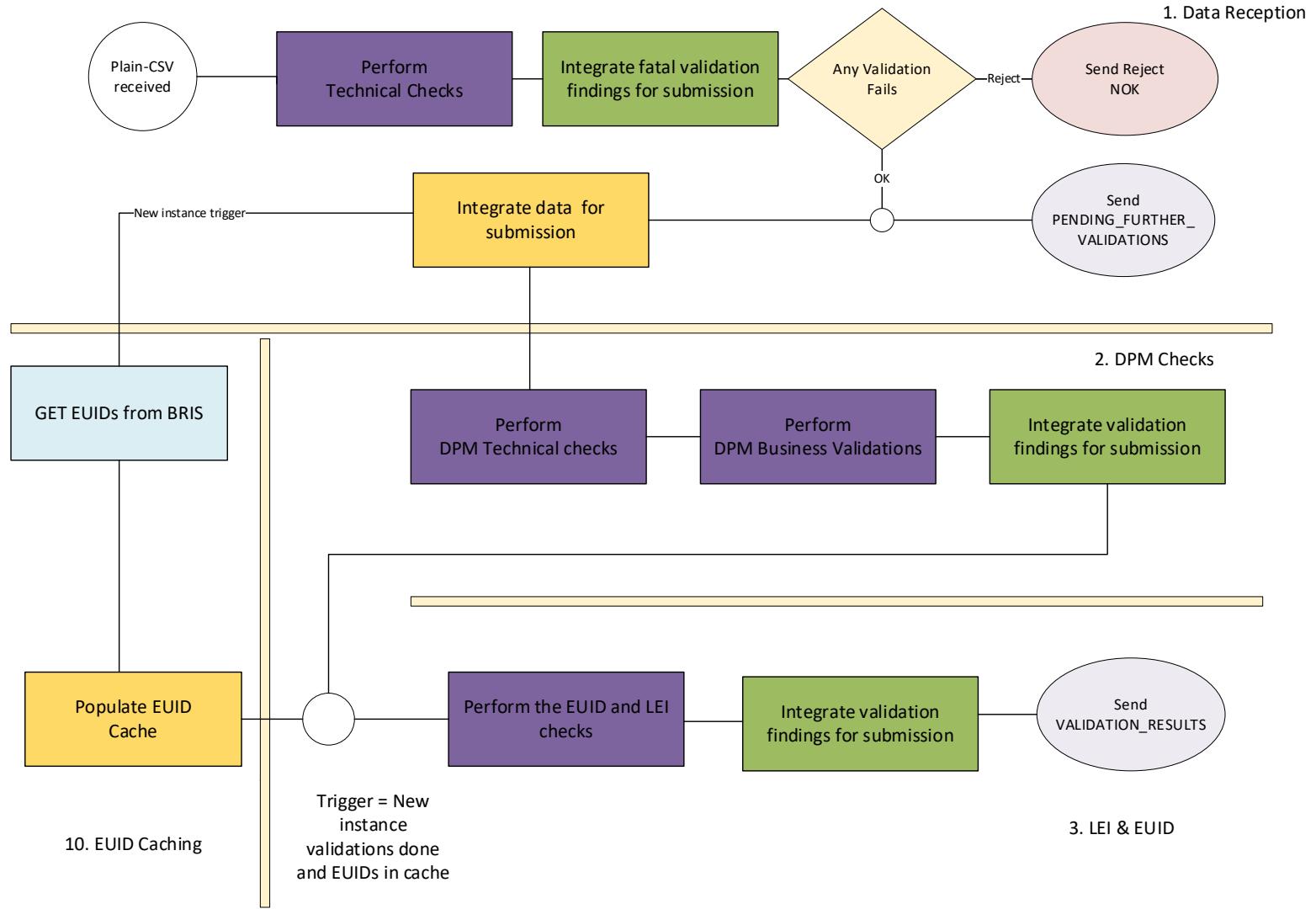
Rol Validations – LEI and EUI checks



Role Validations – Response builder

Response

- Response builder will be called exactly twice
- Response format is .zip or .csv
- 2 places for feedback
 - 1 feedback if rejected NOK
 - 2 feedbacks if not rejected
- All findings will be sent



RoI Validations – data quality automated feedback

- **Response Format:**
 - A **zip** file with **two CSV files**
 - One file with the instance level feedback and one with a table of all the findings
- **Response Names:**
 - **Reject DORA Report – REJECTED (NOK):**
 - 549300Q5EH2NP82EPE32.CON_BE_DORA010100_DORA_2025-03-31_20250320120441498_NOK_20250405164729943.zip
 - **Acknowledgment of Receipt - PENDING_FURTHER_VALIDATIONS (PEN):**
 - 549300Q5EH2NP82EPE32.CON_BE_DORA010100_DORA_2025-03-31_20250320120441498_PEN_20250405164729943.zip
 - **Results of DPM and EUID/LEI checks - VALIDATION_RESULTS(RES):**
 - 549300Q5EH2NP82EPE32.CON_BE_DORA010100_DORA_2025-03-31_20250320120441498_RES_20250405164729943.zip
- **Structure is:**
 - 549300Q5EH2NP82EPE32.CON_BE_DORA010100_DORA_2025-03-31_20250320120441498_RES_20250405164729943.zip
 - -- 549300Q5EH2NP82EPE32.CON_BE_DORA010100_DORA_2025-03-31_20250320120441498_RES_20250405164729943 (folder)
 - instance-status.csv
 - detailed-feedback.csv (in the case of PENDING_FURTHER_VALIDATIONS, no detailed-feedback.csv will be present in the zip file)

RoI Validations – data quality automated feedback example

- One file with the instance level feedback and one with a table of all the findings
- **Instance status information:**
 - receivedFile,549300Q5EH2NP82EPE32.CON_BE_DORA010100_DORA_2025-03-31_20250320120441498.zip
 - receivedTime,2025-03-20T11:14:27+0000
 - receivedFrom,EU_ECB
 - receivedOver,A2A
 - feedbackMain,REJECTED/PENDING_FURTHER_VALIDATIONS/VALIDATION_RESULTS
 - feedbackText,"Multiple business validation rules triggered: VR_85, VR_99, VR_23"
- **Detailed feedback**
 - templateCode,rowCode/rowNumber,columnCode,ruleCode,message,offendingValue
 - b_05_01,1,c0080,VR_85,Value should not be missing,
 - b_06_01,81,c0070,VR_99,Value should not be missing,
 - b_01_02,5,c0060,VR_23,LEI not in GLEIF database,549300Q5EH2NP82EPE34