



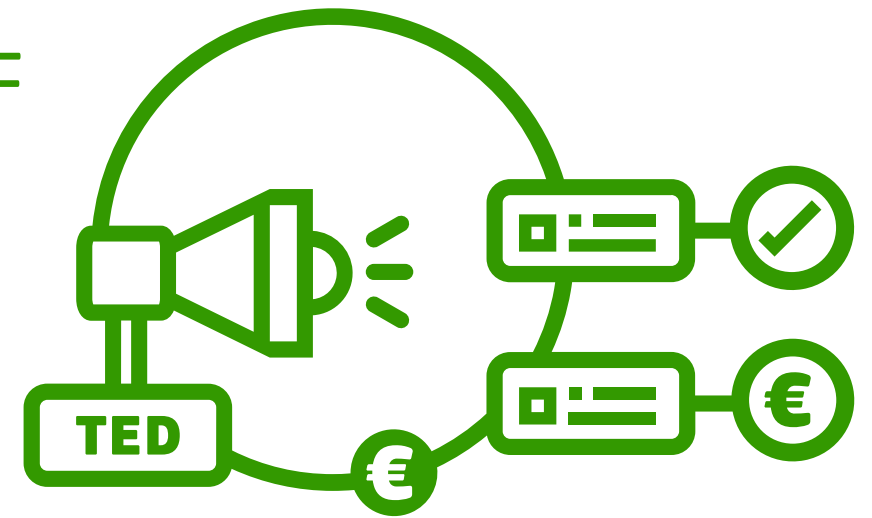
Publications Office
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NTT DATA

MAINTENANCE AND EVOLUTION OF THE ESPD EDM

Publications Office – C.3

ESPD OPEN USER COMMUNITY (OUC) MEETING



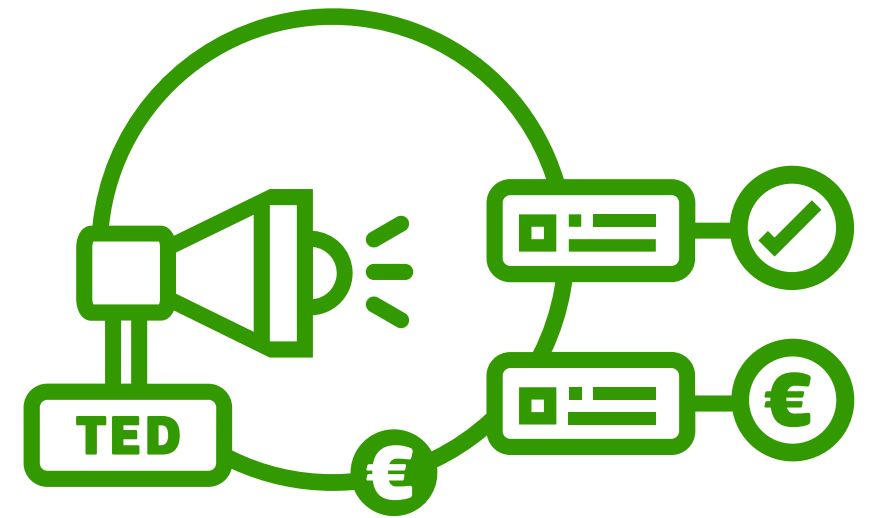
27th October 2022



Publications Office
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Due to the Data Protection Regulation, the list of attendees of the meeting will only be published if there are no objections from any of the participants.

Objections can be sent during this meeting to OPESPD@publications.europa.eu.

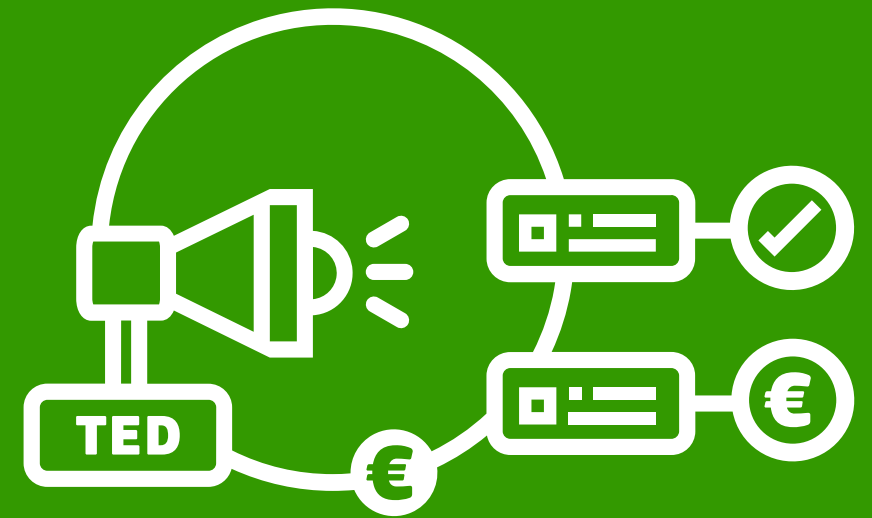




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Summary of last meeting on 28th September 2022

- **Meeting report:**

https://docs.ted.europa.eu/espd-ouc/20220928_OUC%20meeting%20report.html

- **Main topics:**

- UUID
- ESPD-EDM future releases

Final decision on the new management of the UUID

Proposal 1: XML path-like

- UUIDs are replaced by **pre-defined short tag codes for each element and a numbering** according to the position within the tree structure, which provide a **path to a target criterion element**.
- Example:
`C1_EG_crime-org/QG1/QSG1/Q1/R1/RV`
- **Strong dependency** on the data structure.
- **Human-readable**.
- **Complex implementation**.

Proposal 2: UUID variant

- Keeps the use of UUID, but the link between the ESPD Request and the ESPD Responses is managed differently: a **fixed UUID** provides a **direct link between the ESPD Request and its related ESPD Responses**.
- Example:
`a1534624-95cf-4519-bdaa-856d5acf59b6/R1/RV`
- Provides **better reusability**.
- **Machine-oriented**.
- **Easier implementation**.

ESPD-EDM v3.1.0

Item	Change	Related issues
Subcontracting proportion	A new optional requirement section has been added to the criterion 51 with cardinality 0..n	#287
Occupation code list (ESCO)	<ul style="list-style-type: none">The current technical code list is replaced by the code list provided by EU Vocabularies with the updated values from ESCO (Multilingual classification of European Skills, Competences, Qualifications and Occupations, https://esco.ec.europa.eu/)Removal of the option “Other occupations”	#307 , #347
Corrections in the data structure	<ul style="list-style-type: none">Data misplacement in several lines in Criteria 35, 52 and 53Incorrect cardinalitiesIncorrect use of the UUIDNew requirement within a requirement group to show the number of fiscal years to be covered	#322 , #326 , #333 , #338 , #340
Schematron rules	Incorrect validation related to the ProfileID version	#324
Correction in code lists	<ul style="list-style-type: none">Data Type: date format in code list CriterionFinancial ratio type: inconsistency between the language label and the actual language	#332 , #337

Conceptual model

- The conceptual model is available here:

https://docs.ted.europa.eu/ESPD-EDM/3.0.1/_attachments/ESPD_CM_html/index.html

- The conceptual model has been refined and cleansed, as well as updated to ensure consistency with the changes of ESPD-EDM v3.1.0 release.
- Both the ESPD-EDM-BusinessView (BOV) and the ESPD-EDM-UBLTechnicalView (TOV) of the conceptual model have been exhaustively reviewed and updated accordingly.
- Once the revision of the conceptual model is finalized and it is stable and fully consistent with ESPD-EDM v3.1.0, it will be shared with the eProcurement Ontology Working Group.

ESPD Test Cases Mapping Documentation

- For ESPD v2, the document “ESPD Test Cases Mapping” was available, which provided detailed information regarding business rules.
- The goals of this document were:
 - For each test case, identify the related business rules, describe the Schematron rules and map them with UBL-2.2 XSD;
 - To validate the criteria taxonomy and facilitate the understanding of the different validation artefacts in the ESPD-EDM.
- Since it has been reported that this document was a helpful tool for technical implementation (GitHub issue [#331](#)), a simplified version of it is being elaborated and will be provided as an annex to the Technical Handbook.

GitHub issues – Closed issues (N issues)

Issue	Title of the issue
346	Initial question for the EO to fulfil or not the criteria - critical for implementation
345	Average turnover
343	For service contracts: authorisation (membership) of particular organisation needed: question cardinality
342	Criterion sections grouping and titles
340	General yearly turnover - differences in taxonomy and mock-ups from ESPD-EDM

GitHub issues – Closed issues – Issue [#346](#) (1 of 2)

Initial question for the EO to fulfil or not the criteria - critical for implementation

GitHub issue	#346	Reception date	21/09/2022	Closing date	14/10/2022
Description of the issue					
<p>Based on the data structure, each requirement group has its own question "Does the EO fulfil the criteria by itself?" (although the question is about CRITERIA, not requirement), but based on Mockups, this question should be asked ONCE before each criteria. Please confirm how it should be implemented.</p>					
Solution provided by the ESPD Team					
<p>This first question group was added in version 3.0.0 after the agreement with the OUC. The purpose of the group is to know if the Economic Operator relies on any other entity to fulfil the criteria and the requirements. It is useful to gather additional information from the EO.</p> <p>The data structure allows for the ESPD Service to implement the question as it is represented in the mockup. Therefore, no additional modifications would be needed to implement ESPD services the way it is shown in the mockup.</p> <p>Additionally, to add more granularity to our explanation, criteria are built with a requirement_group element (cac:TenderingCriterionPropertyGroup) and within it, all questions are nested. This does not mean that questions need to respond only to those requirements, because there are cases where the Buyer does not include any additional requirement to the questions from the criteria.</p> <p>In consequence, there is not need to modify these data structures to extract this question group outside the requirement group, as all criteria include a requirement_group (cac:TenderingCriterionPropertyGroup) as the basis.</p>					

GitHub issues – Closed issues – Issue [#346](#) (2 of 2)

Initial question for the EO to fulfil or not the criteria - critical for implementation

GitHub issue	#346	Reception date	21/09/2022	Closing date	14/10/2022
Description of the issue					
<p>Confirmation is required for the specific case of Criterion 55 - Certificates by independent bodies about quality assurance standards:</p> <ul style="list-style-type: none">• The Buyer has added 3 Requirement groups: Requirement 1A, Requirement 2B, Requirement 3C• Then, the Seller gets 3 groups of questions for: Requirement 1A, Requirement 2B, Requirement 3C <p>Question "Does the EO fulfil the criteria by itself?" should be asked 3 times inside each requirement group? Or only once?</p>					
Solution provided by the ESPD Team					
<ol style="list-style-type: none">1. We have detected that cardinality is missing for question subgroup "Does the EO fulfil the criteria by itself?", and have implemented the necessary changes in cardinality. The correction is available in the criterion-evolution branch and will be released in ESPD v3.1.0.2. Regarding the times the group should appear, the answer is 3 times, since the creation of a new requirement group implies that the whole structure is replicated. This way, the EO could state whether or not is going to fulfil any specific requirement.					

GitHub issues – Closed issues – Issue [#345](#) (1 of 2)

Average turnover

GitHub issue	#345	Reception date	20/09/2022	Closing date	07/10/2022
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Description of the issue

Average yearly turnover, CA & EO:

- Taxonomy: Requirement has field "Number of fiscal years"
- Technical handbook has fields "Start date" and "End date".

What should be shown to the CA and the EO (number of fiscal years OR Start/End dates)?

Solution provided by the ESPD Team

Regarding the average yearly turnover:

As it is represented in the mockups and stated in the data structure and the expected datatype, on the buyer side it is good to represent directly the amount as it is asking the general average of different years. That's why:

- The data structure has a 3 number of fiscal years; and
- The mock-up shows 3 years from start to end.

From the EO perspective, it includes the 3 years also as a range or period (3 years). And then, the EO needs to include the average for those 3 years.

GitHub issues – Closed issues – Issue [#345](#) (2 of 2)

Average turnover

GitHub issue	#345	Reception date	20/09/2022	Closing date	07/10/2022
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Description of the issue

Specific average turnover, EO

- Taxonomy: Requirement has field "Start date" and "End date" (row 26)
- Technical handbook has no such fields, just Average amount per last N years (in example, last 3 years)

What should be shown to the EO (number of fiscal years OR Start/End dates)?

Solution provided by the ESPD Team

Regarding the specific yearly turnover:

As indicated in the documentation:

For the specific average turnover the buyer can specify the number of the past recent fiscal years for which the EO will need to provide the Average Turnover; e.g. last 3 years; the minimum amount expected from the EO, for which the EO's average yearly turnover must equal or be greater; and the currency.

This criterion asks for the recent past fiscal years. The Buyer establishes the period, which is shown as in the mock-up in the documentation (EO Perspective):

Article 58(3) of Directive 2014/24/EU sets out the following selection criteria ⓘ

Specific average turnover > Its specific average yearly turnover in the business area as specified in the ESPD:	Number of fiscal years: 3
	Business domain description: IT consulting / development of semantic interoperability solutions
	Minimum requirement: 1,000,000.00 Currency: EUR
	Average for the last 3 year: 3,000,000.00 Currency: EUR

GitHub issues – Closed issues – Issue [#343](#)

For service contracts: authorisation (membership) of particular organisation needed: question cardinality

GitHub issue	#343	Reception date	14/09/2022	Closing date	10/10/2022
Description of the issue					
Selection criteria > Suitability > For service contracts: authorisation AND membership criterion:					
<ul style="list-style-type: none">• <u>Buyer's request</u>: Requirement group Cardinality is 0..n, so the buyer can check this criteria and do not enter any register name/URL.• <u>Seller's response</u>: Should the seller get a group of question (as Cardinality is 1..n) even if there is no Register is entered by buyer? or should the Requirement group Cardinality for the CA be mandatory?					
Solution provided by the ESPD Team					
Cardinalities are properly established because:					
<ol style="list-style-type: none">1. The criterion asks if the Economic Operator requires to be registered in its country of establishment. Therefore, it is not dependent on the Buyer and could not be any constraint.2. However, the requirement allows the Buyer to restrict the information that the Economic Operator needs to provide, making it possible to include specific register types where the Buyer expects the Economic Operator to be registered.					
Therefore, the data structures and the cardinalities are correct.					

GitHub issues – Closed issues – Issue [#342](#)

Criterion sections grouping and titles

GitHub issue	#342	Reception date	14/09/2022	Closing date	07/10/2022
Description of the issue					
<p>For both Exclusion and Selection criterion, ESPD v2 had A. B. C. D. sections, but looking at ESPD v3 taxonomy and handbook, they have these sections instead of A. B. C. D. sections:</p> <ul style="list-style-type: none">• Exclusion criteria: Convictions, Contributions, Environment, Social, Labour Law, Business, Purely national criteria.• Selection criteria: Suitability, Turnovers, Financial ratios, ...Other aspects of participation and selection. <p>Which variant is correct and how groups/sections should be implemented?</p>					
Solution provided by the ESPD Team					
<p>The grouping is just a categorisation provided in the ESPD regulation, but it does not affect the ESPD implementation. For the ESPD services, any grouping and ordering can be implemented, since this is not validated in the ESPD validation rules.</p> <p>Regarding the documentation:</p> <ul style="list-style-type: none">• In the Business Handbook, information about the A, B, C, D section is provided• In the Criterion Excel file, there is a separate tab for each selection criterion, but they are not grouped in sections.• In the Technical Handbook, detailed information on each selection criterion is provided, but they are not grouped in sections in the index.					

GitHub issues – Closed issues – Issue [#340](#) (1 of 2)

General yearly turnover - differences in taxonomy and mock-ups from ESPD-EDM

GitHub issue	#340	Reception date	12/08/2022	Closing date	07/10/2022
Description of the issue					
<p>"General yearly turnover" has few differences in mock-ups and taxonomy</p> <ol style="list-style-type: none">1. Mockups have fields for Fiscal year count and threshold per year, but taxonomy does not have whose fields2. Evidence question "Is this information available electronically?" is doubled					
Solution provided by the ESPD Team					
<ol style="list-style-type: none">1. It is accurate that the data structure for the criterion does not include the information that the mock-up shows. Therefore, the data structure has been updated accordingly and the fix has been implemented in: https://github.com/OP-TED/ESPD-EDM/tree/criterion-evolution.<ul style="list-style-type: none">• Within the requirement group, a requirement has been added to show the number of fiscal years to be covered.• The data structure for the second question subgroup had cardinality 1 which has been changed to 1..n.2. This question is duplicated because the first time it is related to the EO meeting directly the requirements established by the Buyer, and the second question is associated with the set-up of the EO (in cases where the EO was set up at a date not allowing it to fulfil the requirement).					

GitHub issues – Closed issues – Issue [#340](#) (2 of 2)

General yearly turnover - differences in taxonomy and mock-ups from ESPD-EDM

GitHub issue	#340	Reception date	12/08/2022	Closing date	07/10/2022
Description of the issue					
<p>"General yearly turnover" has few differences in mock-ups and taxonomy</p> <ol style="list-style-type: none">Question "In case the information concerning turnover (general or specific) is not available for the entire period required, please state the date on which the economic operator was set up or started trading:" does not exist in a mock-upRegarding checkbox "Threshold per year", is it necessary to show N times Amount and currency when checkbox "Threshold per year" is checked, or is it necessary to show "Amount and currency" only once when checkbox "Threshold per year" is empty?					
Solution provided by the ESPD Team					
<ol style="list-style-type: none">The documentation needs to be updated to reflect the question that currently is not depictedAn intermediate requirement that represents the selection of "threshold per year" is necessary. This new requirement has been added to the data structures that allows selecting whether it should apply for each individual year or for all years. In case it is for individual years, the question_subgroup, that has 1..n, should be replicated as many times as years required. Since there is no other equal data structure, a new UUID has been generated to cover this data structure. Changes have been applied in branch criterion_evolution.					

GitHub issues – Currently open issues (10 issues)

Issue	Title of the issue
349	Occupations in the codelist randomly start with uppercase or lowercase {minor}
348	Two different occupations have same ID in occupations codelist
347	Missing "0000.0" code in Occupation codelist
341	Trouble building java-library
339	Misinterpretation additional description lines
336	Descriptive text is not the same in eCertis and Taxonomy
334	Questions regarding the purely national EG in ESPD-EDM v3.x.x
331	Questions regarding the relationship at syntax binding level between data type and response data type and ESPD TestCases Mapping document
325	Incorrect element code in ESPD-criterion.xlsx v3.0.1 for Criterion #27
312	Question on UUID for Repeatable Question Sub Group
251	Link eCertis and ESPD

Next meetings

- **ESPD Annual Seminar:** November 30th, 9.30 - 12.30
- **OUC meeting:** January 26th, 10.00-11.30

THANK YOU FOR YOUR PRESENCE

ANY QUESTIONS?

Please feel free to send also your questions to

OPESPD@publications.europa.eu

