Publications Office of the European Union

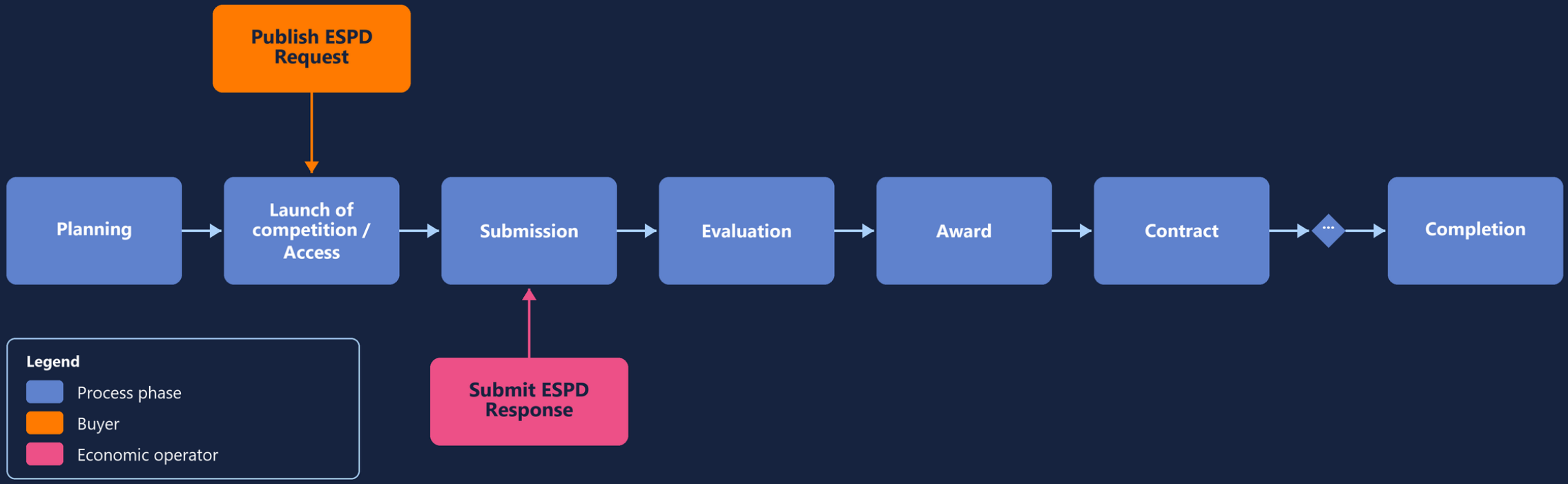
Law | Data | Publications

EUROPEAN SINGLE PROCUREMENT DOCUMENT – EXCHANGE DATA MODEL: NEWS AND UPDATES

Paloma ARILLO ARANDA & Christian BEIL

TED-together, 24 November 2026

ESPD – What is it? Where does it fit?



ESPD-EDM versions used across European countries



ESPD-EDM 5.0.0-rc.1

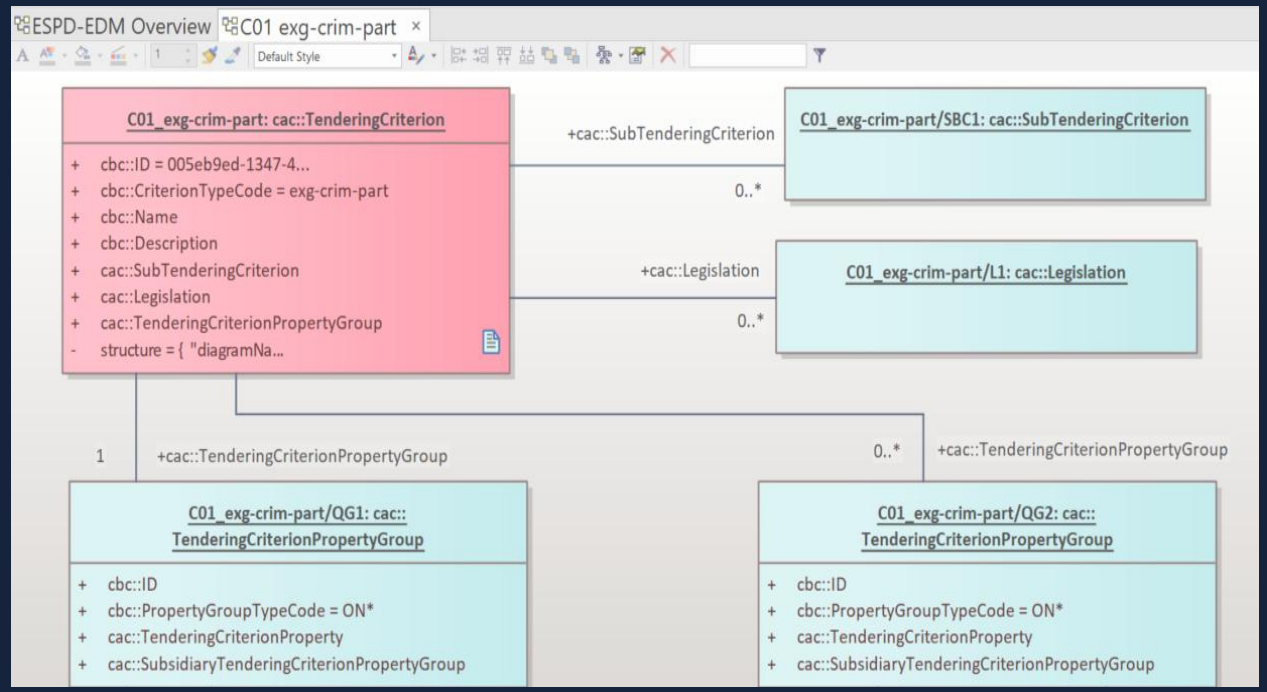
- Implementation
  - ✓ ESPD Exchange Data Model → modelled in Enterprise Architect / JSON
  - ✓ GitHub repositories → migrated towards automation
  - ✓ Code lists → updated as per eForms
  - ✓ Validation → optimised
  - ✓ Schema → upgraded to UBL 2.4
- Documentation → simplified
- Demo Site → draft deployed

ESPD-EDM - Enterprise Architect / JSON

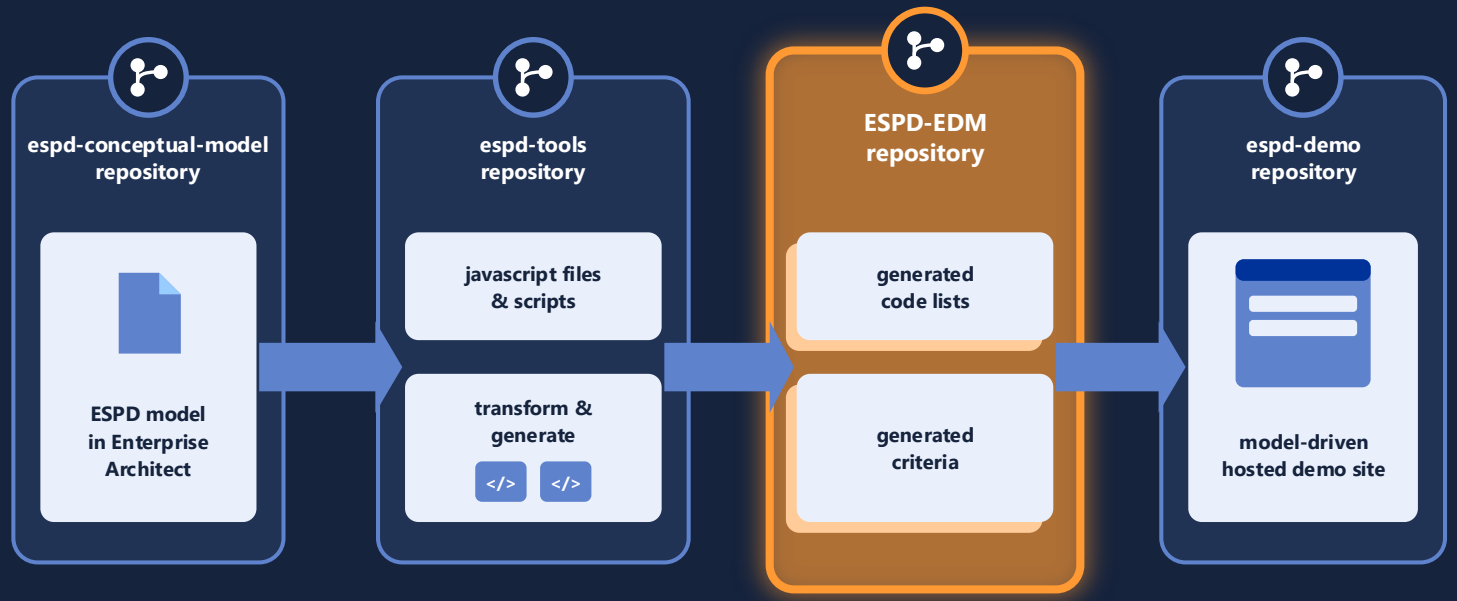
Up to version 4

	A	B	C	D	E	F	G	H	Q	R	S	T
1	1	2	3	4	5	6	7	8	17	18	19	20
2										**Name**	**Description**	**Buyer Value (example**
3	C1	{CRITERION								Participation in a criminal	Has the economic operator itself or any person	
4		SBC1	{SUBCRITERION}							[Name of the National Cri	[Description of the National Criterion]	
5		L1	{LEGISLATION}									
6		QG1	{QUESTION_GROUP									
7			Q1	{QUESTION}							Your answer	
8			QSG1	{QUESTION_SUBGROUP								
9				Q1	{QUESTION}						Date of conviction	
10				Q2	{QUESTION}						Reason	
11				Q3	{QUESTION}						Who has been convicted	
12				Q4	{QUESTION}						Length of the period of exclusion	
13				QSG1	{QUESTION_SUBGROUP							
14					Q1	{QUESTION}					Have you taken measures to demonstrate your	
15					QSG1	{QUESTION_SUBGROUP						
16						Q1	{QUESTION}				Please describe them	
17						QUESTION_SUBGROUP}						
18					QUESTION_SUBGROUP}							
19				QUESTION_SUBGROUP}								
20			QUESTION_GROUP}									
21		QG2	{QUESTION_GROUP									
22			Q1	{QUESTION}							Is this information available electronically?	
23			QSG1	{QUESTION_SUBGROUP								
24				Q1	{QUESTION}						Evidence Supplied	
25				QUESTION_SUBGROUP}								
26			QUESTION_GROUP}									
27		CRITERION}										
28	C2	{CRITERION								Corruption	Has the economic operator itself or any person	

From version 5 onwards



GitHub repositories – automation

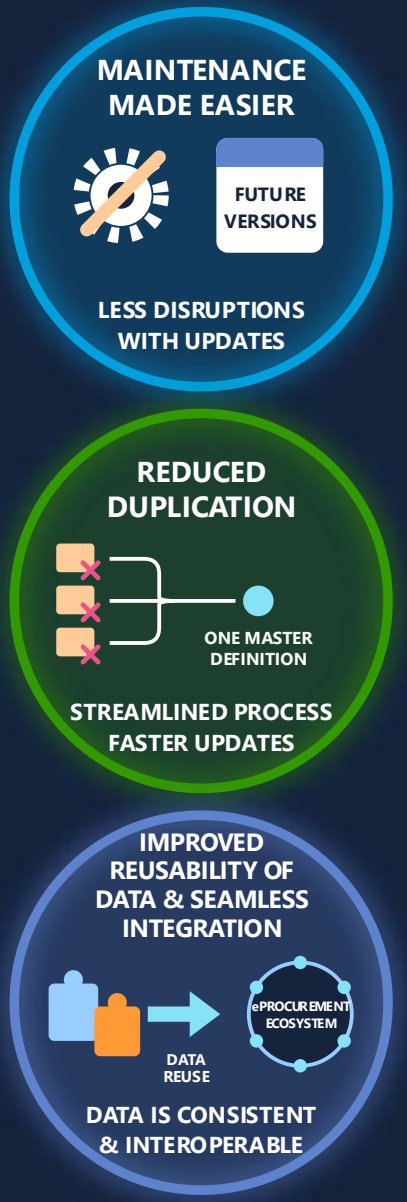


- espd-conceptual-model: **foundation** — defines the ***what*** as single source of truth
- espd-tools: **automation engine** — contains reusable utilities
- ESPD-EDM: **specification** — provides artifacts to build an ESPD service
- espd-demo: **reference implementation** — auto-generates UI directly from ESPD-EDM artifacts

GitHub repositories – automation

From conceptual model to implementation

- makes future updates easier to manage
- reduces duplication
- ensures consistency

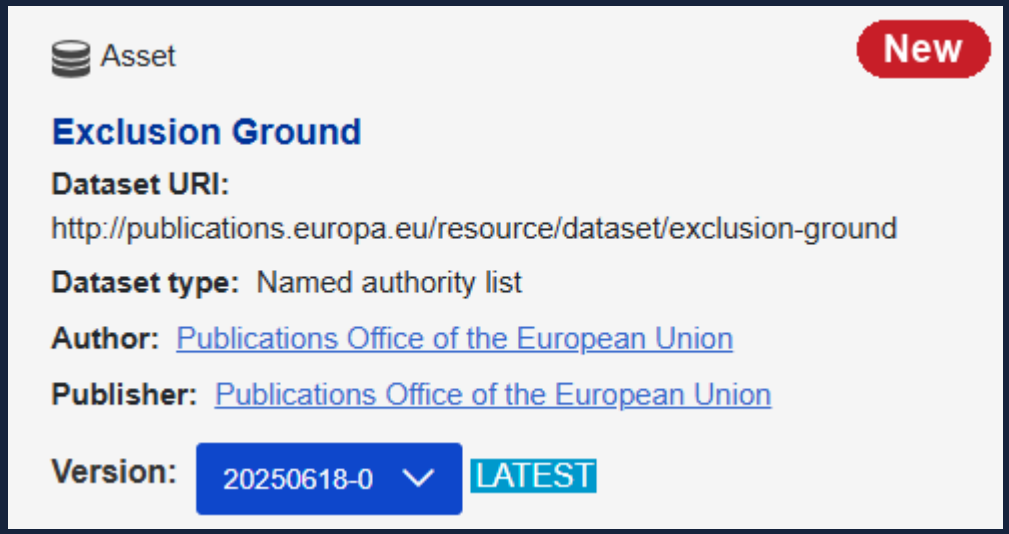


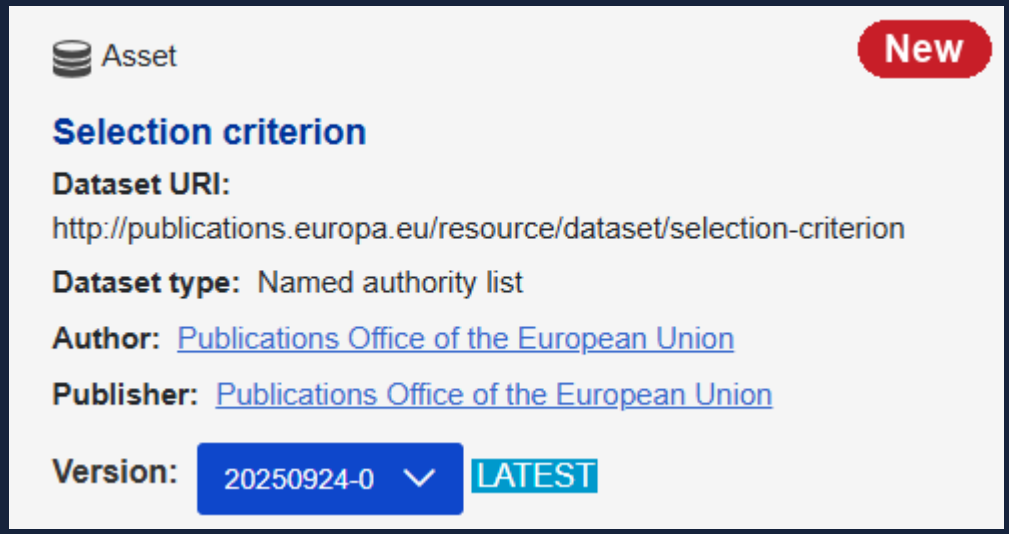
Code lists - eForms

v4



v5





Documentation

- Optimised: user friendly
- Simplified: find your role
- Business rules created automatically



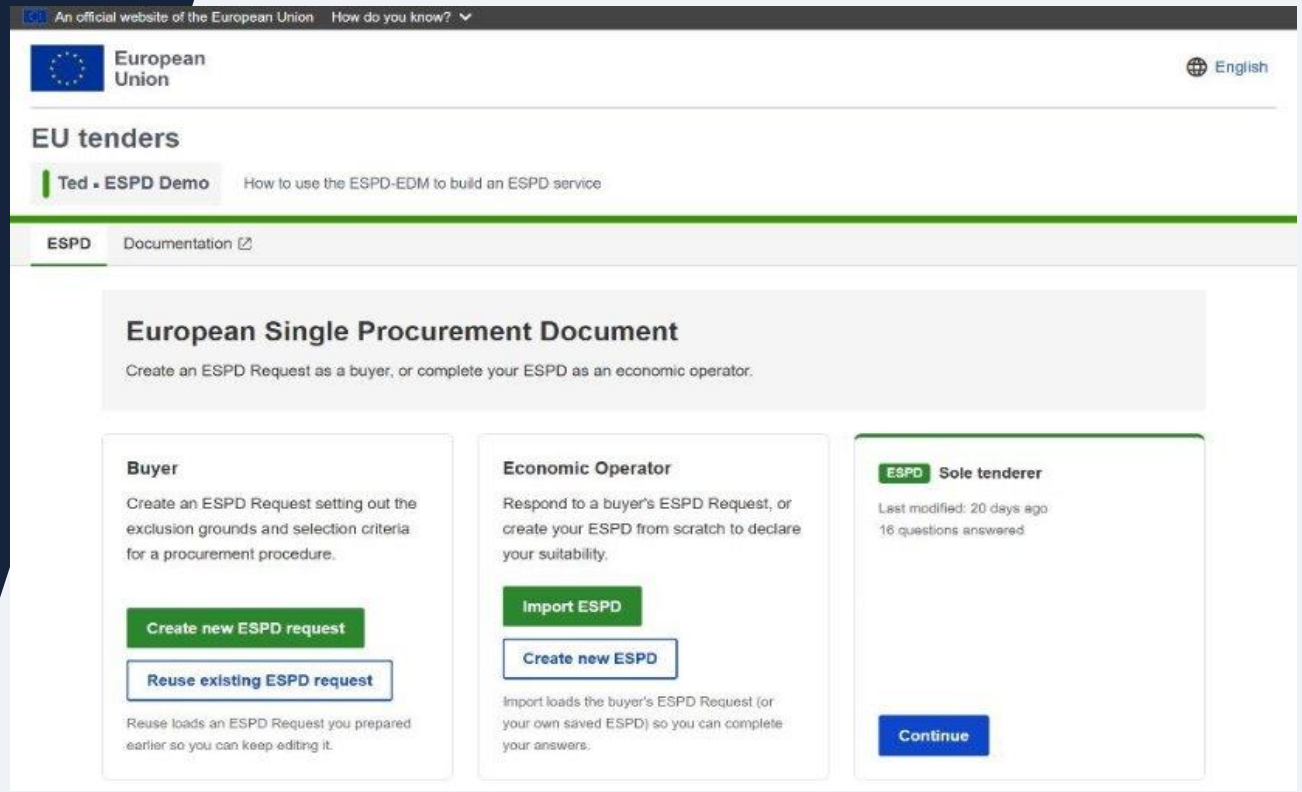
Validation / Schema

- UBL 2.3 → 2.4
- Aligned rules to the new exclusion-ground and selection-criterion code lists
- Tightened business rules
- Toolchain consolidated
- Human-readable rule documentation generated straight from the Schematron

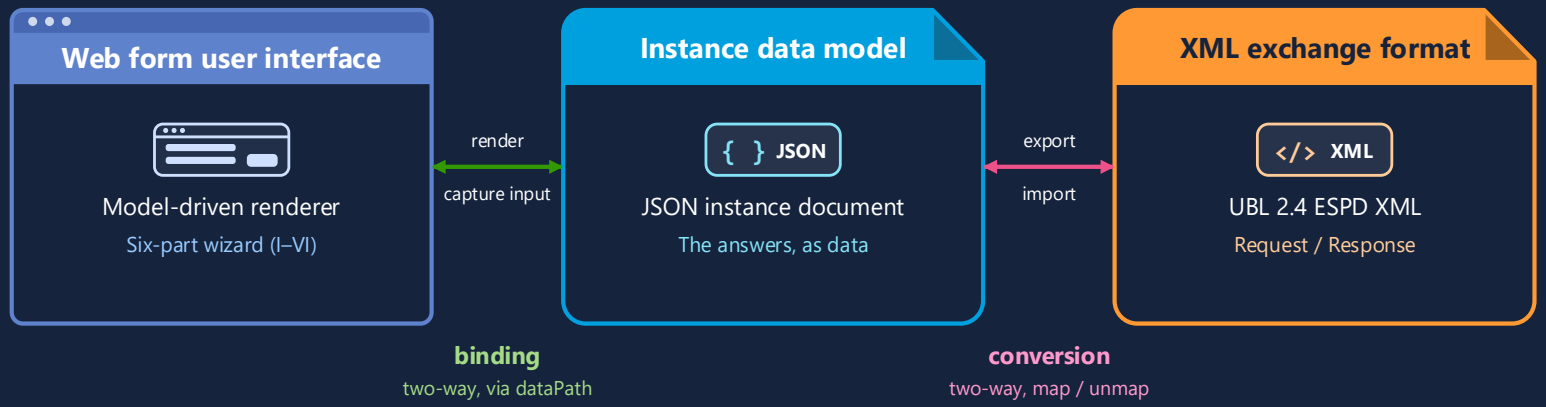
ESPD Demo project

- https://docs.ted.europa.eu/espd-demo/
- Fully model driven
- Generated from ESPD-EDM artifacts

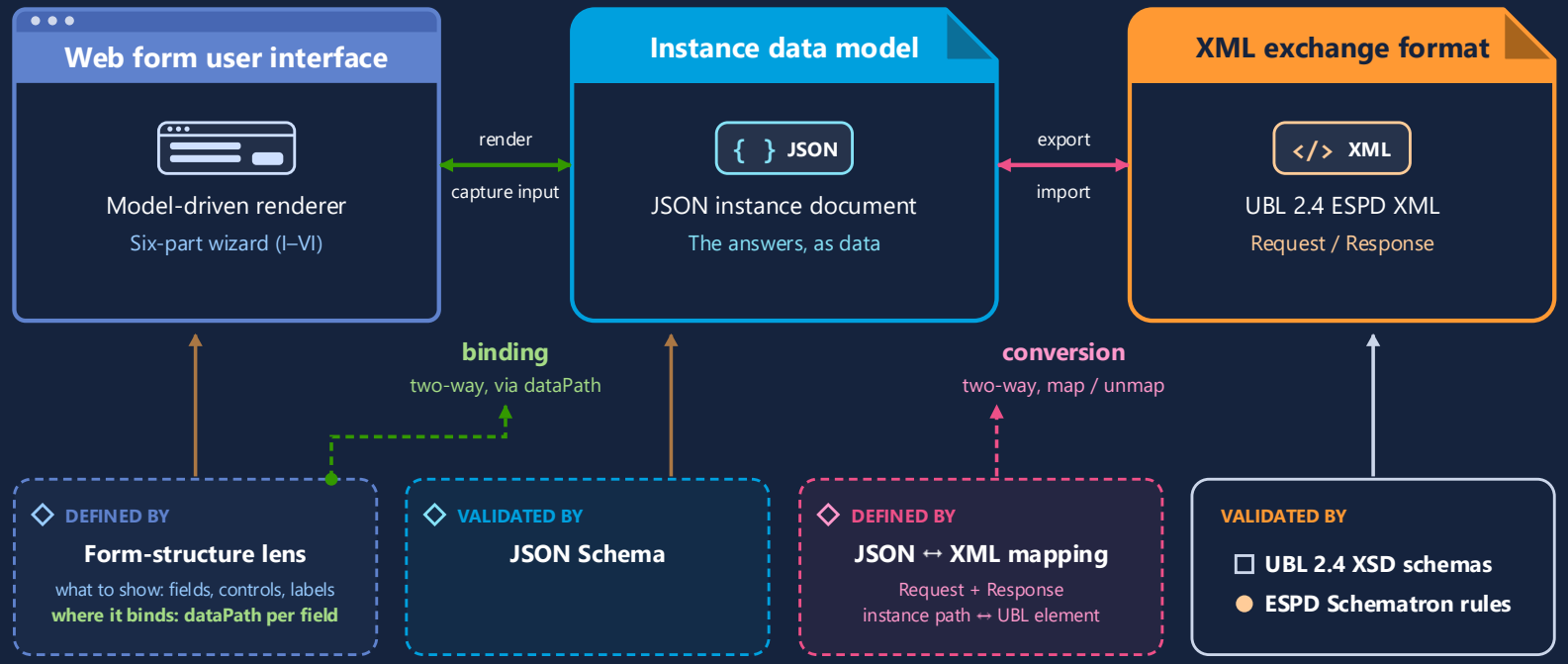
  https://github.com/OP-TED/ESPD-EDM/
- Imports and exports UBL compliant ESPD request and response XML
- Validation against Interoperability Test Bed (ITB)



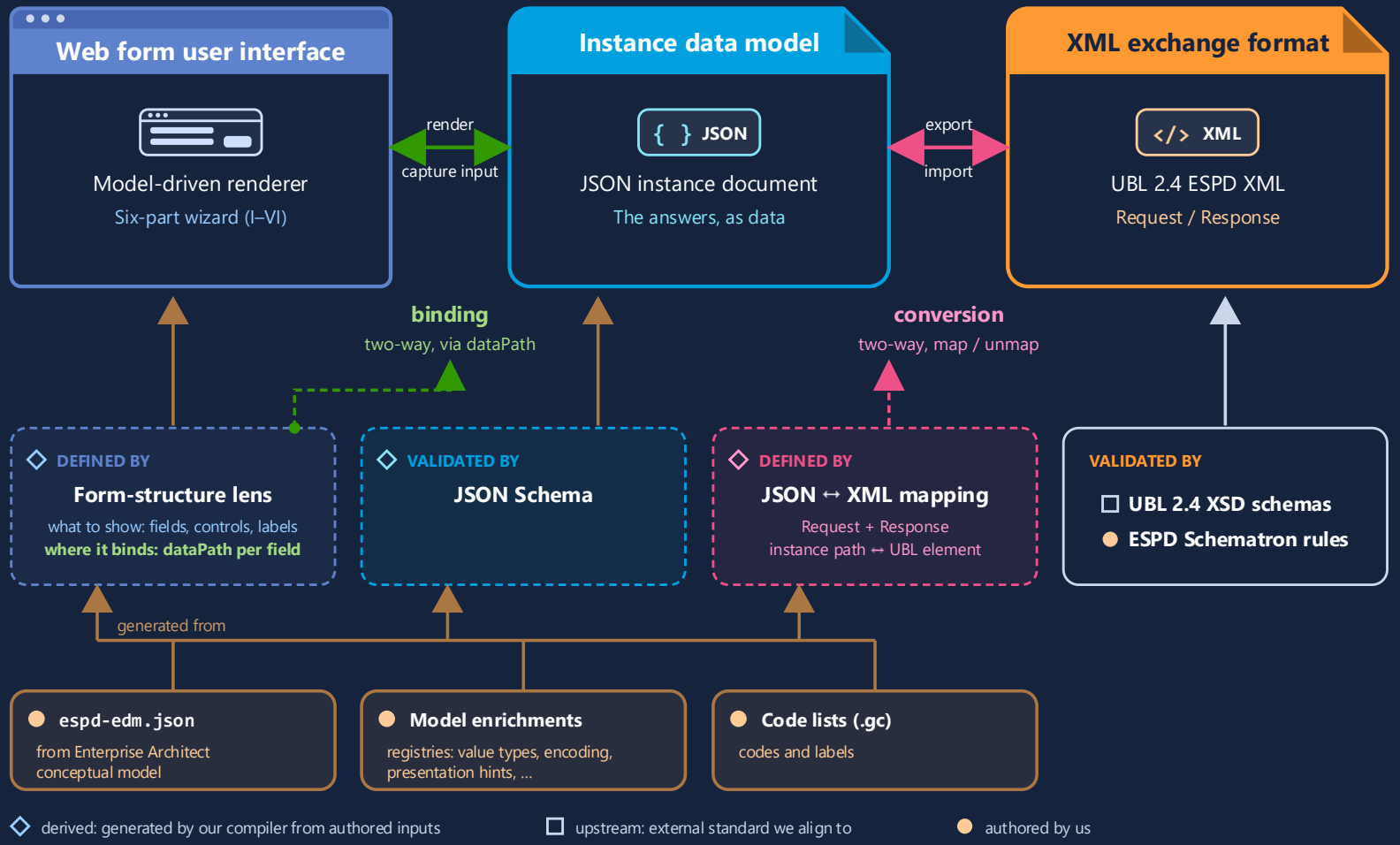
ESPD Demo project



ESPD Demo project



ESPD Demo project



THANK YOU

You can reach us at OPESPD@publications.europa.eu

Our GitHub github.com/OP-TED/ESPD-EDM

The demo site https://docs.ted.europa.eu/espd-demo/

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