Luxembourg, 27 August 2018

REPORT ON THE 7TH WORKING GROUP MEETING OF THE EPROCUREMENT ONTOLOGY (ePO)

Project:	eProcurement Ontology	Meeting Date/Time:	2018-06-21 10:30 – 12:00
Meeting type:	7th Working Group Meeting	Meeting Location:	Videoconference Webex (849718949@ecwacs.webex.com
Chairperson:	Natalie Muric	Issue Date:	2018-06-21

Meeting Agenda
- Presentation of the participants;   - Conceptual data model;   - Development of the PoC;   - Future work;   - Any other business.

List of Participants		
Attendee Name *(present)*	**Initials**	**Organisation / Email**
Laia BOTA	LB	everis
Oscar CORCHO	OC	Universidad Politécnica de Madrid
Manuela CRUZ	MC	OP
Paola ESPINOZA	PE	Universidad Politécnica de Madrid
Maria FONT	MF	everis
Jostein FROMYR	JF	Edisys Consulting
Virginia GOMARIZ	VG	everis
Cécile GUASCH	CG	ISA^2 Contractor
Jan MAEROE	JM	Difi
Colin Maudry	CM	Independent consultant in Open data, Linked data and Open contracting
Natalie MURIC	NM	OP
Claude SCHMIT	CS	OP
Enric STAROMIEJSKI	ES	everis

Summary of Meeting

Presentation of the Participants

The participants of the meeting presented themselves (see list of participants – in alphabetical order).

Conceptual Data Model, glossary and DED

The conceptual data model was presented. Currently, there are 15 diagrams (1 overall and 14 specific topics), that will be available for download from the GitHub in three different formats:

- ○ Using EAP (commercial tool);
- ○ In XMI;
- ○ As images in Github through the "CM - Visualisation" link under "Conceptual Model" section. In this section there are included legends and narratives explaining each Conceptual Model.

The work on the Glossary was discussed. The glossary, jointly with the EU Directives, OCDS ontology, PPROC ontology, UBL and ESPD, where the input when defining the classes and properties. However, while analysing the Glossary, new classes and properties have been identified.

So far 36 terms have been reviewed by the glossary term meetings held every Friday. These meetings are open to all working group members and everyone is encouraged to attend. There are still around 185 terms to be reviewed

The working group agreed that glossary term meetings on Fridays between 10-12h would continue throughout the summer, along with meetings on the conceptual model on Wednesdays between 14h-16h.

It was decided the Glossary and the Conceptual Models (CM) will be frozen in autumn, once the results of the discussions over the summer have been introduced into them. This will allow a public review on a first version of the ontology.

1. The working group agreed the remaining terms of the glossary could be addressed over the following year. This work could then be inserted into the ontology and a new version published. Further terms could be added during this period to cover evolutions in the conceptual model. It is foreseen to cover the rest of the pre-award area over the following year.

2. During the definition of the concepts and properties, the work of other vocabularies have been taken into consideration for example Procuring Entity which is used in the Open Contracting Data Standard

Development of the PoC

In order to enrich the testing scope, it was explained that the WG can create their own Competency Questions. The link to competency questions is available in the same presentation.

1. The testing environment for GraphDB was presented. It can be found at: http://34.243.97.100:7200/

2. The following information was provided on the OWL, its mapping and SPARQL queries:

3. OWL:
   - All ePO classes and properties defined in the Conceptual Model are exactly the same as the ones in the TTL file;
   - There are packages from other ontologies (reutilisation of ontologies), and the ePO package;
   - The TTL file will be available on Github under the link OWL (OWL - TTL), by the end of June;
   - The TTL file has been updated each time there has been changes in the Conceptual Model.

4. The mapping:
   - There are some concepts that were not mapped because they were out of scope (ie not in the eAccess and

eNotification phases);

5. About SPARQL queries:
- The results of the mapping between TED XMLs and ePO are expressed in OWL and queried using SPARQL;
- The SPARQL queries can be executed in the GraphStore. However, as the sample of the TED data is reduced, the numbers of the results may be limited.
- The links to the competency questions queried using SPARQL may be included in the wiki page in Github. One example provided by OC of how to display and execute SPARQL queries can be found in https://datos.ign.es/casos-de-uso.html Those queries are just an example, not related to the eProcurement Ontology, but to other external ontologies like the Ontology for the data representation of the National Topographic Database (URI: https://datos.ign.es/def/btn100). To see the results of the example, click on one of the questions to see the query displayed (e.g. "Pregunta: ¿Cuáles son los municipios de la provincia de Las Palmas? "), and click on "Ejecutar" button, to execute the query and get the results.