



**2016-02-04**

**Working Group meeting on Core Criterion and Core  
Evidence Vocabulary (CCCEV)**

**SEMIC Phase 7**

*Meeting Minutes*

Date: 12/02/2016



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## Webinar: Core Criterion and Core Evidence Vocabulary

Venue	Adobe Connect	Meeting date	2016-02-04
Author	Stefanos Kotoglou	Meeting time	11:00 – 12:00
Reviewed by	Oriol Bausa Peris	Issue date	2016-02-09
Status	For review	Version	1.00

### 1. ATTENDEES

Name	Abbreviation	Organisation
Athanasios Karalopoulos	AK	ISA Programme, European Commission
Vassilios Peristeras	VP	ISA Programme, European Commission
Antonis Stasis	AS	Hellenic Ministry of Interior and Administrative Reconstruction (Greece)
Loukia Demiri	LD	Hellenic Ministry of Interior and Administrative Reconstruction (Greece)
Emmanuel Jamin	EJ	Everis
Enric Staromiejski	ES	Everis
Evelien Dhollander	ED	Flemish Information Agency (Belgium)
Giampaolo Sellitto	GS	Autorita Nazionale Anticorruzione (Italy)
Jery Dimitriou	JD	University of Piraeus (Greece)
Marc Christopher Schmidt	MCS	DG GROW
Muriel Founlonneau	MF	Institute of Science & Technology (Luxembourg)
Ole Madsen	OM	DIGST (Denmark)
Peter Winstanley	PW	The Scottish Government (UK)
Vjeran Strahonja	VS	University of Zagreb (Croatia)
Ziggy Vanlischout	ZV	The Flemish Information Agency (AIV) (Belgium)
Oriol Bausa Perin	OBP	Invinet

Makx Dekkers	MD	Freelancer
Nikolaos Loutas	NL	PwC EU Services
Stefanos Kotoglou	SK	PwC EU Services

## 2. AGENDA

ID	Description
1.	Practical arrangements
2.	Welcome and roll call
3.	Introduction of the participants - Round table
4.	The process and methodology
5.	Collaboration in the working group
6.	Use cases
7.	Existing solutions and their limitations <ul style="list-style-type: none"> <li>• ESPD</li> <li>• eSENS LifeCycle</li> <li>• CEN BII Awarding criterion</li> </ul>
8.	Next meetings

## 3. PRACTICAL ARRANGEMENTS

VP provided all the practical information regarding the communication and the collaboration between the members of the Working Group. The members of the Working Group will use a mailing list for performing their discussion. All the information is available at the slide-deck of the presentation.

## 4. WELCOME AND ROLL CALL

VP welcomed everyone to the 1<sup>st</sup> Working Group meeting for the CCCEV, and reminded to everyone that this work was initiated by DG GROW.

VP mentioned that information about previous work is available on Joinup. E.g.:

- SEMIC Community  
(<https://joinup.ec.europa.eu/community/semic/description>)
- E-Government Core Vocabularies  
([https://joinup.ec.europa.eu/asset/core\\_vocabularies/description](https://joinup.ec.europa.eu/asset/core_vocabularies/description))
- ADMS (<https://joinup.ec.europa.eu/asset/adms/description>)
- DCAT-AP  
([https://joinup.ec.europa.eu/asset/dcat\\_application\\_profile/description](https://joinup.ec.europa.eu/asset/dcat_application_profile/description))

OBP mentioned that the **editors** of this specific work are:

- Oriol Bausà; and
- Nikolaos Loutas.

VP invited all the participants for considering chairing the Working Group. For the first meeting the chair responsible was ISA.

NL provided via the chat-box a summary with the responsibilities of the **Chair**:  
*"Attend and chair all working group meetings; Invite experts to join the working group; Ensure that decisions are recorded; Contribute to achieving consensus within the group; Ensure that the comments of reviewers are sought and acted upon when received, and that reviewers are content with the response of the CCCEV; Commit to implement the CPOV after its completion by delivering a short business case of how your organisation will or could use the specification. Not more than 1 hour of preparatory work per working group meeting is required by the Chair."*

PW suggested inviting UN/CEFACT and OASISI for participating in the Working Group.

## 5. INTRODUCTION OF THE PARTICIPANTS - ROUND TABLE

MD invited everyone to make a self-presentation, providing more information about their organisation.

Participants provided information about their organisations. The following table provides an overview of the received input:

**Table 1 Round table**

Abbreviation	Description
AS	Working for the Hellenic Ministry of Interior and Administrative Reconstruction (Greece). They have limited their efforts to tourism and medicine services. They have a bottom-up approach moving from specific criterion-evidences pairs to a consolidated list. They have used the CPSV-AP model, focusing on the "input" class. In the context of this WG, they could contribute to the definition of classes and characteristics, as well as to the detection of factors that could hamper the design of a common model.
LD	Working for the Hellenic Ministry of Interior and Administrative Reconstruction (Greece) with AS (see above).
EJ	Working for Everis. EJ is an expert in Artificial Intelligence(A.I.) and in semantic interoperability
ES	Working at DG GROW.
ED	Working for the Flemish Information Agency.
GS	Working for Autorita Nazionale Anticorruzione. They are focusing on e-procurement, and specifically on evidence and criterion.
JD	Working at the University of Piraeus. Among others he is the technical leader of the SECD pilot, and he is also involved in the <a href="#">PEPPOL</a> for evidence.
MCS	Working at DG GROW. He is responsible for definitions for CCCEV.
MF	Working at the Institute of Science & Technology (focusing on business life cycle and on <a href="#">esens</a> ).

OM	Works DIGST in Denmark.
PW	Working for the Scottish government (semantic technologies). He has been involved in many core vocabularies.
VS	Working for the University of Zagreb, Faculty of Organization and Informatics. They are mainly focused on developing public registers.
ZV	Working at Division Data Management for The Flemish government. Their goals are to come up with semantic standards, and to apply core vocabularies.
OBP	Oriol has previous experience in developing core vocabularies. He will be the editor for this work.
MD	Working on developing other specifications (e.g. StatDCAT-AP). Makx will be providing support to the editor of this work

## 6. THE PROCESS AND METHODOLOGY

OBP explained the methodology and provided information about the planning for this work:

- 2016-02: Establish a Working Group
- 2016-02: Secure Intellectual Property Rights
  - [ISA Open Metadata Licence](#)
  - [ISA contributor agreement](#)
- 2016-02 to 2016-05: Draft the Core Criterion & Core Evidence Vocabulary
  - 3-4 online meetings of the working group
- 2016-05 to 2016-07: Public review period
- 2016-07: Finalisation of the Core Criterion & Core Evidence Vocabulary:
  - Final meeting of the working group



## 7. COLLABORATION IN THE WORKING GROUP

VP provided all the practical information regarding the communication and the collaboration between the members of the Working Group. The members of the Working Group will use a mailing list for performing their discussion. All the information is available at the slide-deck of the presentation which is available on the [webpage](#) of the virtual meeting.

## 8. USE CASES

OBP presented the relevant use cases that were created, and that the development of this vocabulary will rely on:

- Facilitate the development of interoperable information systems e.g. e-procurement systems.
- Create a repository of machine-readable reusable criteria that promotes standardisation.
- Automate the assessment of criteria.
- Automate scoring of responses for the received input.
- Promote cross-border participation.
- Calculating statistics.

- Create a registry of mappings of criteria for listing different evidences with the corresponding criteria.

PW shared with the members of the Working Group the relevant with this work document from the United Nations, the [Digital Evidence Certification Recommendation](#).

GS mentioned that in Italy are using the AVC pass. It is a system for VCD that uses a criterion-evidence mapping to empower services that automatically retrieve evidences on behalf of an economic operator.

## 9. EXISTING SOLUTIONS AND THEIR LIMITATIONS

### 9.1. ESPD Exchange model

MCS mentioned that “The European Single Procurement Document” (ESPD) has been updated, and it will be available in April. The ESPD works as a self-declaration document intended for preliminary evidence, facilitating cross-border participation of potential bidders in public procurement procedures.

ES mentioned that criteria are used on a regular basis in all public administrations in many situations and for a large range of goals.

ES mentioned that the development of the CCCEV could help:

- assisting the humans to produce evaluation reports and make decisions; and
- automating the evaluation and assist humans in decision-making.

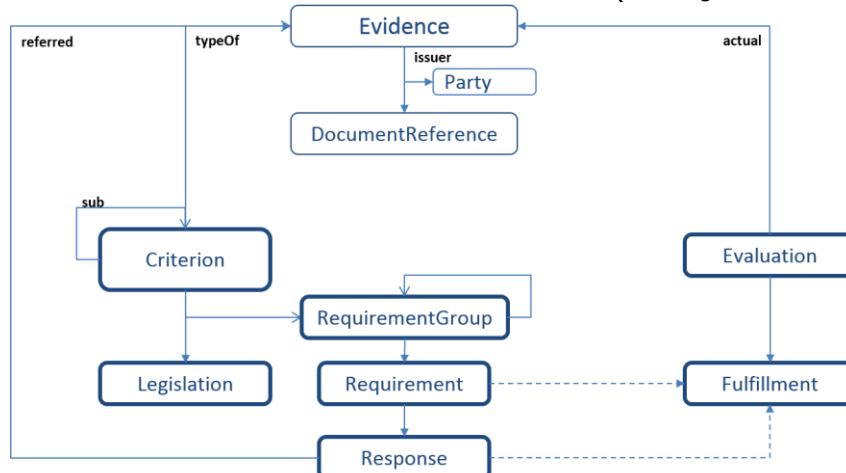
ES presented the “life-cycle” of criteria which comprises the following phases:

- request (draft and link requirements, and propose evidence types);
- respond (attach evidences to the criteria); and
- evaluate (score the responses, and produce a “structured” report)

ES expressed his certainty about the fact that the CCCEV will enable the “Once Only Principle” ([OOP](#)).

ES invited the participants to contribute based on their experiences to slide 15 of the [presentation](#). ES explained that the arrows in the slide are inputs to this process.

ES presented the data model of Criterion and Evidence (see Figure 1 below).



**Figure 1 Criterion and Evidence data model**

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MD inquired whether to satisfy a criterion, one should satisfy all or some of the sub-criteria of this specific criterion.

ES mentioned that the satisfaction of the different criteria will be based on the business rules, and could vary.

ES presented some additional proposals that should be taken into account when developing the CCCEV:

- The evaluation phase is the most useful part and probably the most complex. Involve MS in its development. Finland is currently approaching the automated evaluation of the exclusion and selection of Economic Operators based on the ESPD Criteria. They are willing to cooperate to develop the Core Criterion and Evidence Data Model (contact point Timo Rantanen, Finnish Gov.)
- The evaluation phase is relevant in eProcurement for the Awarding phase (the ESPD only covers exclusion and selection criteria).
- Giampaolo Selitto from the Italian Government, identified a Business Case within e-Sens different from e-Procurement where they're considering the use of the Core Criterion and Evidence Vocabulary.
- The development of a "standard" specification for the "Criteria Evaluation Reports" (similarly to the ISO SVRL (Schematron-based Validation Reporting Language), XBRL (eXtensible Business Reporting Language), etc.

ES listed some candidate actions to reuse and to test the CCCEV:

- CAMSS
- Share and Re-use
- IMM
- Guidelines methodology

ES provided a list of developments by ESPD that are using the CCCEV:

- Current developments:
  - Development of the online ESPD Service (in production)
  - Definition of the Core Criterion and Core Evidence Vocabulary need in e-Certis and ESPD
  - UML conceptual diagrams
  - XSD Schemas and XML samples (based on UBL-2.1)
  - XML Implementation rules
  - Code Lists, Identifiers and Taxonomies (XLS, GC, RDF formats)
  - The ESPD Service imports and exports the ESPD based on GROW's XSD Schemas
- On-going:
  - Guidelines for the XML implementation
  - Business Rules implementation (ISO Schematron and SVRL)
- Other initiatives currently connected to the ESPD-defined Core Criterion and Core Evidence Vocabulary:
  - e-Sens
  - DIGIT (Grant Management service, e-Prior)
  - CEN/BII Workshops
  - OASIS UBL (has included the CCEV in the new UBL-2.2 release due in 2016)

## **9.2. eSENS Business Lifecycle**

LD presented the [eSENS](#): e-SENS consolidates, improves and extends existing technical solutions to develop a coherent and sustainable European Interoperability Architecture. This will in turn affect the quality of public services in the EU making them easily accessible across borders.

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AS mentioned that in e-SENS there is a registry of mapping of criteria.

LD mentioned that the scope of the work is to make the required documents clear during cross border activity registration.

LD mentioned that the lifecycle of eSENS has a bottom-up approach focusing on the provision of tourism and medicine services.

LD mentioned that eSENS is developed based on Core Public Service Vocabulary Application Profile ([CPSV-AP](#)).

JD drew attention on the fact that most of the public administrations are more focused on retrieving documents in general, than retrieving proof of a specific criterion.

VP mentioned that a criterion is a business rule that is not linked to any document, and each Member State should define how this criterion is validated, e.g. using an administrative document.

MF mentioned that particular administration can accept a multiplicity of evidences, including a documents, or a combination of documents.

## 10. ACTION POINTS

ID	Description	Owner	Due date
1.	To share with the Working Group the first draft of the document	PwC	10/02/2016
2.	To send via the mailing list the contributors agreement	PwC	Done

## 11. CHAT LOG



Chat log.docx