

Meeting Minutes – Webinar 02/12/2021

Core Vocabularies 2.0 Webinar #5

Project	Action 2016-07 Promoting semantic interoperability amongst the EU Member States	Meeting Date/Time	02/12/2021 09:30-12:30 PM (GMT+1)
Meeting Type	Webinar	Meeting Location	Cisco Webex Meetings
Meeting Coordinators	Makx Dekkers Emidio Stani	Issue Date	02/12/2021

Meeting Agenda

1. Welcome
2. Overview of combined version of the Core Vocabularies
3. Break
4. Core Person & Core Location Vocabularies
5. Core Business & Core Public Organisation Vocabularies
6. Wrap up

Presentation and meeting details:






<https://joinup.ec.europa.eu/collection/semantic-interoperability-community-semic/event/core-vocabularies-revision-webinar-2nd-december-2021>

Attendee Name		Organisation/Country
Aleksandra Lavreneva	AL	PwC
Ana Rosa Guzmán	ARG	Spain
Andreea Pasare	AP	Romania
Anje Westera	AW	?
Antonella Lunelli	ALu	Italy

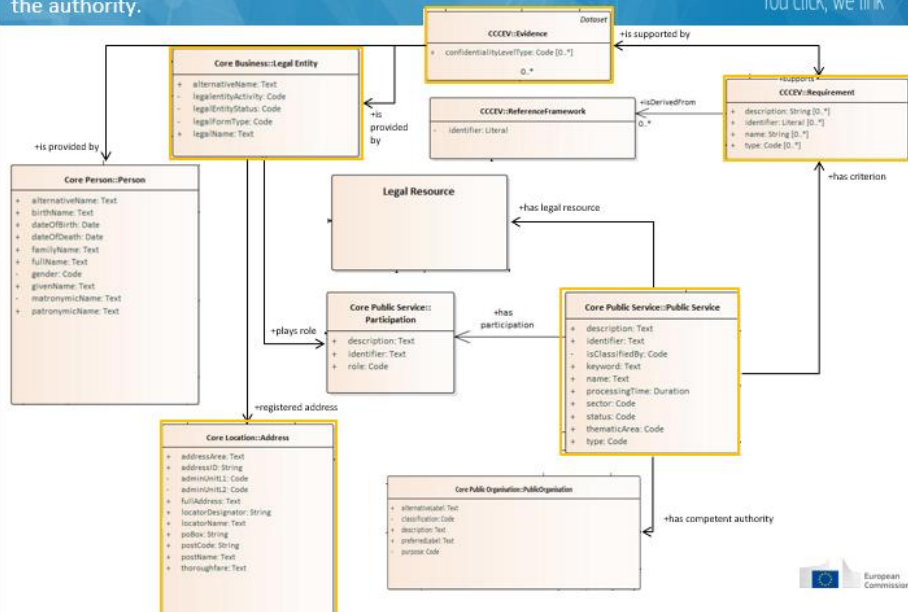
Bert Van Nuffelen	BVN	Tenforce
Cécile Guasch	CG	European Commission
Dario Ilari	DI	?
Denis Dechandon	DD	Publications Office EU
Dimitris Zeginis	DZ	TOOP
Emidio Stani	ES	ArchiTES
Ermo Täks	ET	Estonia
Ettan Bramson	EB	Sweden
Florian Barthelemy	FB	PwC
Giacomo Ceribelli	GC	Italy
Giulia Marnetto	GM	Italy
Igor Trickovic Rifelj	ITR	Slovenia
Jim Yang	JY	Norway
Jorge Sousa	JS	Portugal
Konstantinos Raptis	KR	UPRC
Le Coche	?	Italy
Makx Dekkers	MD	Independant consultant
Marco Combetto	MC	Italy
Marco Pedro	MP	Portugal
Maria Siapera	MS	UPRC
Miguel Alvarez	MA	European Commision

Ondrej Kerka	OK	Czechia
Pandolfo	?	Italy
Pavlina Fragkou	PF	European Commission
Riccardo Bongiovanni	RB	Italy
Riitta Alkula	RA	Finland
Rob van Dort	RvD	Netherlands
Rob Walker	RW	United Kingdom
Sander Van Dooren	SVD	Netherlands
Seth van Hooland	SVH	European Commission
Silvia Tursi	ST	Italy
Sjaak Kempe	SK	Netherlands
Tarja Myllymäki	TM	Finland
Zancla	?	Italy

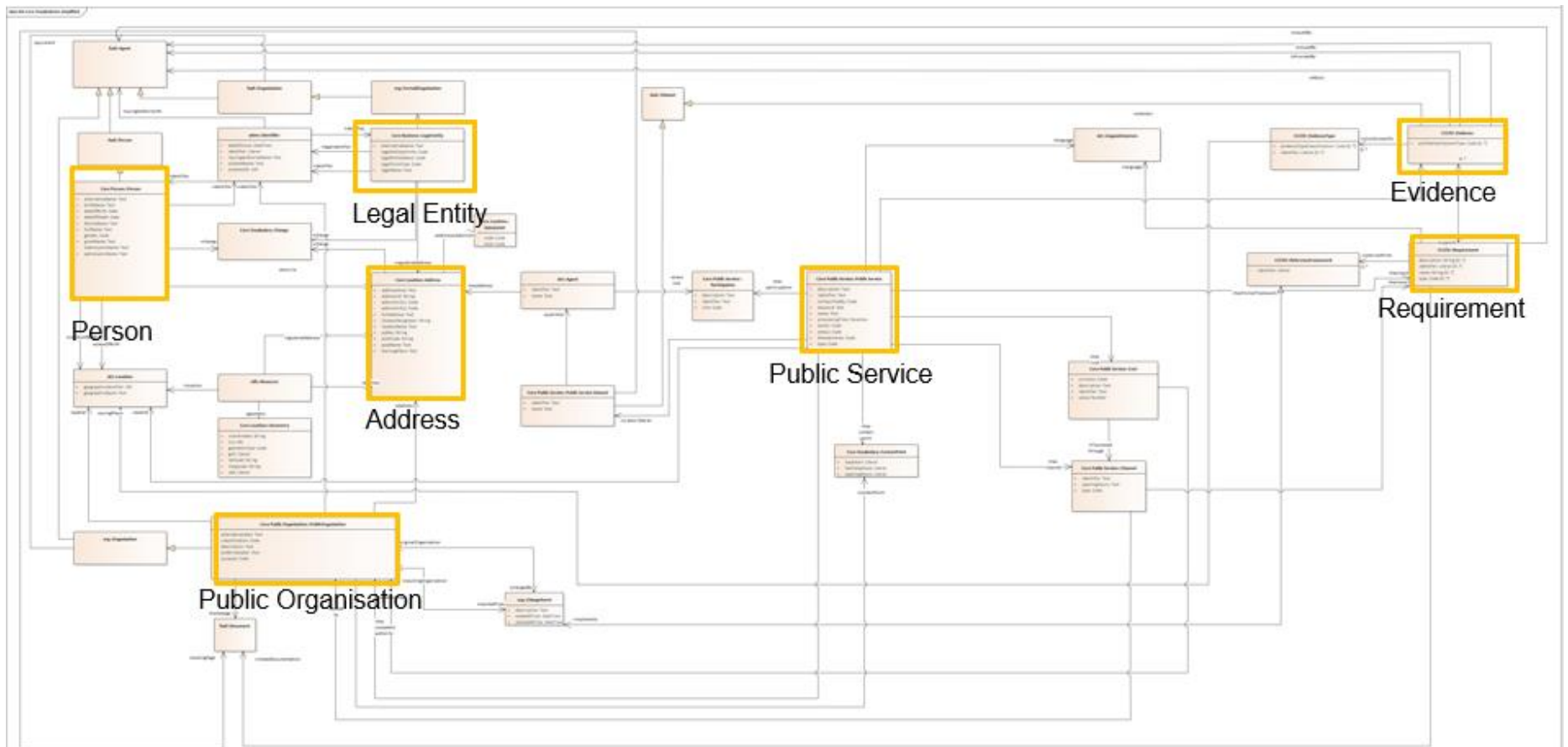
Summary of the meeting	
Topic	Summary
Welcome	<ul style="list-style-type: none"> Seth van Hooland opened the webinar by welcoming the participants and presenting the objectives and agenda of the webinar.
Context of the revision process of the Core	<ul style="list-style-type: none"> Pavlina Fragkou gave an overview of the context of the Core Vocabularies and the planning of the revision process of the Core Vocabularies.

<p>Vocabularies</p>	<ul style="list-style-type: none"> • Pavlina Fragkou reminded the working group of the definition of the Core Vocabularies, and invited them to log their use cases based on the proposed template which can be accessed via the following link: https://github.com/SEMICEU/CPOV/issues/new?assignees=&labels=use_case&template=use-case-template.yml&title=%5BUse+case%5D%3A+ • Pavlina Fragkou pointed to the principles for creating good definitions designed by the editors on Github, and invited the working group to share their feedback on them.
<p>Overview of combined version of the Core Vocabularies</p>	<ul style="list-style-type: none"> • Florian Barthelemy gave an overview of the Core Vocabularies and what they try to describe: <ul style="list-style-type: none">  A person's name(s), date and place of birth/death, identifier, addresses, citizenship, etc.  The legal name, address, identifier, company type, and activities of a legal entity.  describe The different ways of describing a location, e.g. via an address, a geographic name, or a geometry, in alignment with INSPIRE.  The administrative information, hierarchy, identifiers, events and classification of a public organisation. • Florian Barthelemy presented an example of the usage of Core Vocabularies: <p>Isabel (Person) has just been hired by IT Consulting corp (Legal Entity). IT Consulting corp would like to verify her age and gender in order to obtain subsidies (Public Service) defined in a law (Reference Framework/Legal Resource). The subsidies are a public service provided by the Ministry of Interior (Public Organisation).</p> <p>The law wants to encourage IT businesses in the country (Requirement) to attract young graduated women in the IT domain and therefore requires the person hired to be under 24 years old (Requirement) and a female (Requirement).</p> <p>Amongst other documents, Isabel provides to IT Consulting corp. her birth certificate (Evidence) to prove her age and gender.</p> <p>IT Consulting corp. requires an extract of the national address base registry (Evidence), showing its address (Address) in order to prove that the company is under the right jurisdiction and sends all pieces of evidence to the authority.</p> <p>(BOLD) Labels of concepts from the Core Vocabularies </p> • Florian Barthelemy gave an overview of how this example translates in the consolidated Core Vocabularies diagram:

IT Consulting corp. requires an extract of the national address base registry (Evidence), showing its address (Address) in order to prove that the company is under the right jurisdiction and sends all pieces of evidence to the authority.



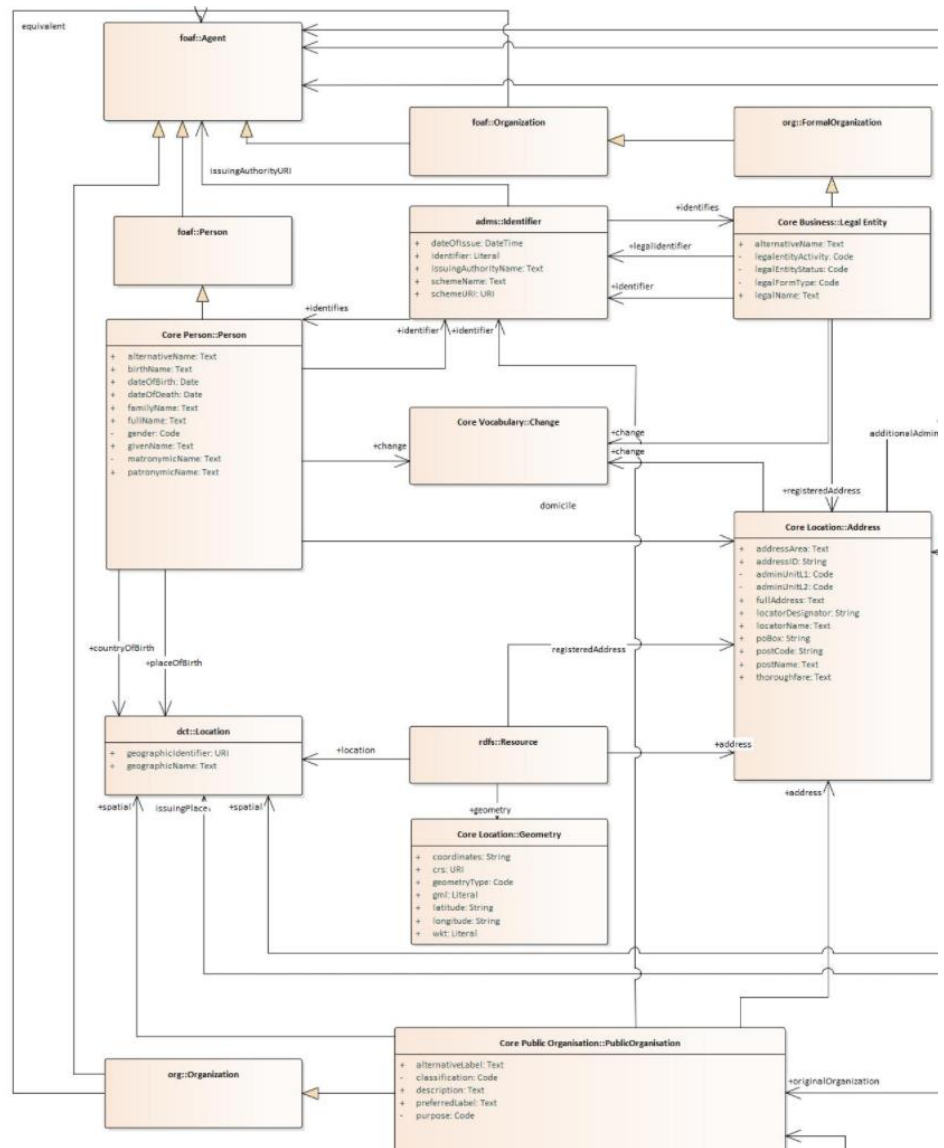
- Cécile GUASCH asked whether the power and mandates were already considered, i.e. if Isabel cannot provide evidence and needs to be replaced by someone else. Florian Barthelémy responded that the editors did not look at it yet, but it would be taken up as a use case.
- Emidio Stani presented the simplified diagram including all Core Vocabularies:



Summary of the meeting

Overview of combined version of the Core Vocabularies

- Emidio Stani explained that the consolidated diagram connects the different entities of the Core Vocabularies. He gave examples such as:
 - Legal Entity which is a subclass of org:FormalOrganization which is a subclass of foaf:Organization and then a subclass of foaf:Agent.
 - Public Organisation is a subclass of org:Organization which is equivalent of foaf:Organization and therefore a subclass of foaf:Agent



- Florian Barthelemy mentioned that all consolidated diagrams (simplified and detailed) can be found on Github under the release 2.00 folder of each Core Vocabulary. For example: <https://github.com/SEMICEu/Core-Business-Vocabulary/tree/master/releases/2.00>
- The working group agreed with the usefulness of the simplified consolidated diagram of Core Vocabularies.
- Riccardo Bongiovanni asked whether it was considered to mark in the "public Service" entity the possibility that a Service can have a start date and an end date, more specifically the consideration on whether the service is still valid or no longer valid. Florian Barthelemy asked Riccardo Bongiovanni to post this as an [issue to github](#), as it is useful to be considered in the future.
- Dimitris Zeginis asked whether for the connection between CPSV-AP and CCCEV it would be more "correct" to say that the PublicService ---- hasInput --- --> Evidence or EvidenceType, instead of Requirement. Pavlina Fragkou and Miguel Alvarez responded that this is one of the issues that will be taken under consideration and discussed during future revision of CPSV-AP (i.e. its connection to CCCEV).
- Rob van Dort commented on the use of start and end dates by suggesting that temporal aspects are general for all instances and should preferably not be modeled. If the temporal aspects are everywhere, it might be useful to leave them out and not spend effort on them. Cecile Guasch agreed with the comment of Rob van Dort and proposed to model this at the level of the concept "Thing". Makx Dekkers referred to the discussion on github on the consequence of people changing their name, address etc. Makx Dekkers added that those things are important, but not something we would build into the current vocabularies.
- Cecile Guasch mentioned that the presented diagram represents a snapshot of a specific point in time, and that this needs to be clarified. Makx Dekkers replied that it is indeed necessary to provide an explanation that this diagram only represents the information in a specific point in time.
- Miguel Alvarez suggested that it could be useful to identify some use cases on how this simplified diagram could be applied to simple cases and extended to more complex ones in the public sector. Makx Dekkers responded that this will be added to the list of things to do in the future. Miguel Alvarez added that there are specific use cases connected to specific EU policies, which might need to be taken into account as well. Makx Dekkers replied that it is indeed interesting to look at the usage of Core Vocabularies for specific cross-border

EU use cases.

- Ana Rosa Guzmán proposed to include a Time Core Vocabulary, so that when a person is needed through time, the person can be connected to the Time Core Vocabulary. Makx Dekkers responded that this is something which the editors might need to look into. Pavlina Fragkou asked to provide the specific use case, as it will be helpful for the editors.
- Riitta Alkula confirmed that start date and end date are concepts that all working group members need.
- Makx Dekkers clarified that the four entities at the left side of the diagram represent the Core Vocabularies, and on the right side CCCEV is represented.
- Seth Van Hooland mentioned that the class diagrams are useful as a starting point but show their limitations when being presented, e.g. during a webinar. He asked the audience if further work on visualisation would be needed for our working group, i.e. a user journey/use cases. Cecile Guasch proposed to have an object model in UML and sequence diagrams. Makx Dekkers responded that this indeed would be useful, especially for implementers, and confirmed that the editorial team will look into this. Seth van Hooland added that the editors will look at this in January/February 2022. Emidio Stani proposed to have a look at representing this in BPMN. Emidio Stani clarified that BPMN stands for Business Process Modelling Notation, that could be complementary to sequence diagrams. Cecile Guasch explained that it would be useful to have object models (such as Person) as well, as it does not require going into details as opposed to sequence diagrams, definitely the use of standards could be a good way for visualization. The main purpose is not being vague and using standards for more clarification. Ana Rosa Guzmán proposed to use UML use case diagrams, as they provide a more conceptual approach. Florian Barthelemy agreed with Ana Rosa Guzmán and added that user journeys are more about GUI, while BPMN would be more for detailed processes. However, the second also requires detailed information from implementers. Miguel Alvarez: At policy level, use cases maybe we can start then with UML cases, and leave for more detailed and complex scenarios BPMN. Ana Rosa Guzmán agreed with Miguel's comment. Sander Van Dooren highlighted that the 'user journey repository' could also serve as/be linked to 'test cases' for the ontology, this would allow the working group members to verify that all use cases can still be addressed/expressed.
- Dimitris Zeginis asked for clarification, whether GitHub issues should be used to provide feedback for the future

version of CPSV-AP. Florian Barthelemy confirmed that publishing GitHub issues is the best approach.

**Core Person &
Core Location
Vocabularies**

Core Person:

- Emidio Stani gave an overview of the Core Person Vocabulary and the respective diagram.
- **Matronymic name (Core Person [Issue #25](#))**
 - The editors propose to add matronymicName as property in Person class. The working group agreed with this proposition.
 - Ana Rosa Guzmán mentioned that she supports this proposal, but she also supports the idea to add all different naming variants used in the member states to represent names. Makx Dekkers mentioned that it would not be possible to include this in the current release, however it will be put on the list with actions to be looked at in the future release. The working group agreed with Ana Rosa's comment.
- **Birth and death date (Core Person [Issue #9](#) and [#17](#))**
 - The editors proposed to create a new data type "Date" as a union of xs:date, xs:gYearMonth and xs:gYear, so information models can be flexible. Seth van Hooland added that this is also in line with the minimisation principle.
 - The working group agreed with the proposition.
- **Additional address (Core Person [Issues #3](#), [#32](#), [#35](#))**
 - The editors proposed to create a new relation "domicile" between Person and Address.
 - Cecile Guasch asked to clarify what the difference is between residency and domicile. Makx Dekkers replied that in some countries it is needed to add this, as in some countries there is a difference between a person's domicile and registered address.
 - Cecile Guasch proposed to provide a clear definition of both concepts. Seth van Hooland added that it would also be useful to provide use cases to clarify the difference. Pavlina Fragkou asked the working group members to provide use cases on their use of these two concepts.
 - Sjaak Kempe commented that in his opinion there can be an unbounded number of addresses. Makx Dekkers agreed and added that here it concerns two address needs identified by the working group. Makx Dekkers asked the working group to provide use cases, if there are more addresses needed in some countries.
 - Ana Rosa Guzmán agreed with the need for multiple addresses, and added that in Spain people can add an address for communication purposes, as they might be living abroad and would like their parents to receive their communication.

- Riccardo Bongiovanni pointed to the need to have a start and end date for a domicile. Makx Dekkers responded that this points back to the fact that the Core Vocabularies record a specific point in time, so the domicile here would be the current domicile of a person.
- Makx Dekkers concluded that the need for multiple addresses would be added to future work, and asked the working group to provide use cases on this topic.
- The working group agreed with the editors' proposition.

Core Location:

- **Geopolitical code (Core Location [issue #12](#))**

AdminUnitL1 and L2 do not allow flexibility as there can be additional levels

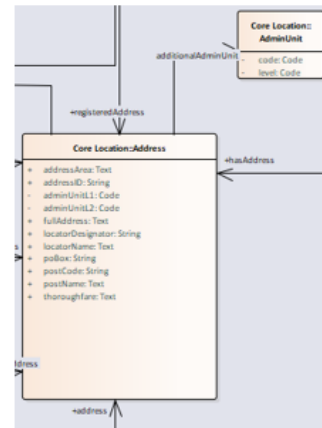
Proposition :

Create a class AdminUnit with 2 properties:

- level (L3, L4, etc.) and
- the respective code for that level.

Link Address with AdminUnit with the respective property additionalAdminUnit

Keep adminUnitL1/L2 for backward compatibility



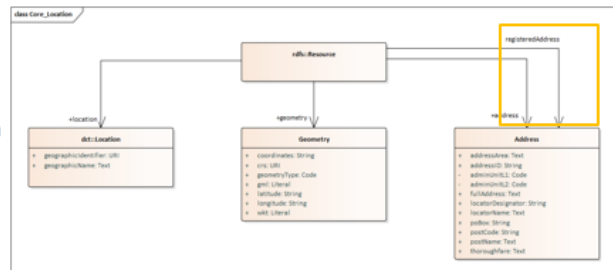
- The working group agreed with the proposed solution by the editorial team.
- Jerry Dimitriou asked whether it is mandatory to use AdminUnitL1 or there can be a profile to state additionalAdminUnit.level = L1. Makx Dekkers responded that it is not mandatory, as in the Core Vocabularies there are no mandatory properties.

- **Address property and registeredAddress used in other EU core vocs (Core Location [issue #8](#))**

The property registeredAddress is used in multiple vocabularies, the request to is to move it in Core Location vocabulary instead of being part of the other Core Vocs.

Proposition :

Move registeredAddress in Core Location



- The working group agreed with the proposition above.

Core Business & Core Public Organisation Vocabularies

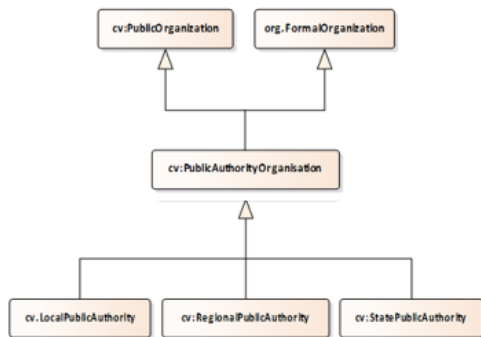
Core Business Vocabulary:

- Emidio Stani gave an overview of the Core Business Vocabulary and the respective diagram.
- **LegalEntity class, backward compatibility and a new class (Core Business [issue #21](#))**
 - It was requested in the issue to make legal Entity under foaf:Agent and create a new class.
 - The editors reminded the working group of the definition and usage note of the LegalEntity class, and proposed to keep Legal Entity as it is, because it was always a subclass of org:FormalOrganization and the diagram was a simplification. Makx Dekkers added that this is more an editorial problem with regard to the representation in the diagram.
 - The working group was in agreement with the proposition of the editors.

Core Public Organisation Vocabulary

- Emidio Stani gave an overview of the Core Public Organisation Vocabulary and the respective diagram.
- **Adding class to define a public authority organisation (Core Public Organization [issue #18](#))**

Request to add new class to define Public Authority Organisation and subclasses;



Are there any use cases ?
If there are use cases, it can be considered for future releases

- The editors asked whether there are use cases to endorse this. If there are use cases where it is essential to identify the type of authority, this would be taken up into future work for future releases.
- Seth van Hooland asked for clarification on the content of issue 18 and by whom it was formulated. Emidio Stani responded that the issue was opened by Peter Bruhn Andersen. Makx Dekkers added that Peter Bruhn Andersen provided a possible solution for the issue, but no use case, which can be useful to understand the need formulated in the issue.
- Rob van Dort reminded that the general rule for generic

	<p>ontology design is to keep it as generic as possible, less is more.</p> <ul style="list-style-type: none"> ○ Jim Yang mentioned that ADMS Publisher Type has "local auth.", "regional auth.", "national auth." and "supernational auth." ○ Ana Rosa Guzmán commented that those types are derived from the geopolitical unit of the competences or the jurisdiction. ○ Makx Dekkers concluded that this issue will be kept open and it would be determined what needs to happen next. The editorial team will ask Peter Bruhn Andersen for additional clarification on this issue.
<p>Wrap up</p>	<p>Seth van Hooland mentioned that the editorial team realises that giving feedback during these extensive webinars might be time consuming, and asked the working group whether they think it needs to be tackled differently in the future.</p> <ul style="list-style-type: none"> ● Seth van Hooland proposed to provide written communications two weeks before the webinar in order to have time to prepare for the webinar beforehand. ● The working group agreed with Seth’s proposition. ● Rob Walker added that more information about topics for discussion in advance would help. ● Riitta Alkula mentioned that written preparation and announcement when the documents are ripe for evaluation would be useful. ● Makx Dekkers referred the working group to github, where progress can be followed by looking at the updates. Riitta Alkula added that in principle, the working group can follow Github, but they do not know when the documents are frozen. ● Seth van Hooland added that the editors would be glad to learn from national practices, and asked the participants to share their processes and methods related to national/regional events on data modelling. <ul style="list-style-type: none"> ○ Riitta Alkula provided the link to Finnish interoperability methods and tools: https://wiki.dvv.fi/display/YTIJD/Finnish+interoperability+project%2C+platform+and+tools ● Augusto Herrmann indicated that webinars early in the morning are difficult in his time zone. Makx Dekkers asked Augusto Herrmann to contact the editorial team regarding this issue offline. <p>Pavlina Fragkou thanked the working group for their contribution and comments, and presented the next steps with regard to the Core Vocabularies:</p> <ul style="list-style-type: none"> ● Feedback on the "Principles for creating good definitions" is more than welcome, deadline: end of December, after that the new release will be created.

- Core Vocabularies serializations, initial study of the guidelines rules followed by different approaches on [GitHub](#). Investigate on stakeholders needs and provision of feedback in GitHub. Pavlina Fragkou asked the working group to provide feedback on the [created issues](#) regarding this topic.
- Public review on GitHub :
 - <https://github.com/SEMICeu/Core-Person-Vocabulary/issues>
 - <https://github.com/SEMICeu/Core-Business-Vocabulary/issues>
 - <https://github.com/SEMICeu/Core-Location-Vocabulary/issues>
 - <https://github.com/SEMICeu/CPOV/issues>