



# CAMSS

ISA<sup>2</sup> - Action 2016.27

Common Assessment Method for  
Standards and Specifications

CAMSS

COMMON  
ASSESSMENT  
METHOD FOR  
STANDARDS AND  
SPECIFICATIONS



The Tallinn Declaration compels the Member States to take steps towards the interoperability by default

In this regard, MS will:

### Interoperability by default

“We confirm our commitment to the vision laid out in the **EU eGovernment Action Plan 2016-2020** and in the **European Interoperability Framework** [...] to strive to be open, efficient and inclusive, providing borderless, **interoperable**, personalised, user-friendly, end-to-end **digital public services** to all citizens and businesses – at all levels of public administration.” (p.3)

- “**Make use** of open source solutions and/or **open standards** when (re)building ICT systems and solutions (among else, to **avoid lock-ins**), including those developed and/or promoted by EU programmes for **interoperability and standardisation**, such as **ISA<sup>2</sup>**.” (p.6)
- “**Modernise** the design of public services, **procurement** and contracting arrangement to make them compatible with modern and agile ways of developing and deploying digital technology.” (p.7)
- “Increase the **digital leadership skills** among top civil and public servants and digital skills more widely within the public administration at all levels.” (p.7)

# EIF STORYLINE

## OVERVIEW



“Recommendation 21: Put in place processes to select relevant **standards and specifications**, evaluate, monitor, check compliance and test their interoperability”

“Recommendation 22: Use a common approach to assessing and **selecting standards and specifications**”

“Recommendation 23: **Consult relevant catalogues of standards, specifications** and guidelines at national and EU level”

“Recommendation 24: **Actively participate in standardisation work** relevant to your needs to ensure your requirements are met”

### Recommendations in short

- “Promotes electronic communication among European public administrations by providing a set of common models, principles and recommendations.”
- “Reusability of IT solutions ([...] **standards**) [...] is an enabler of **interoperability** and improves quality because it **extends operational use, as well as saving money and time.** [...] one of the major contributor to the development of a digital single market in the EU.”
- “[...] **Standards and specifications** are needed to enable meaningful information exchange among European public organisations.”

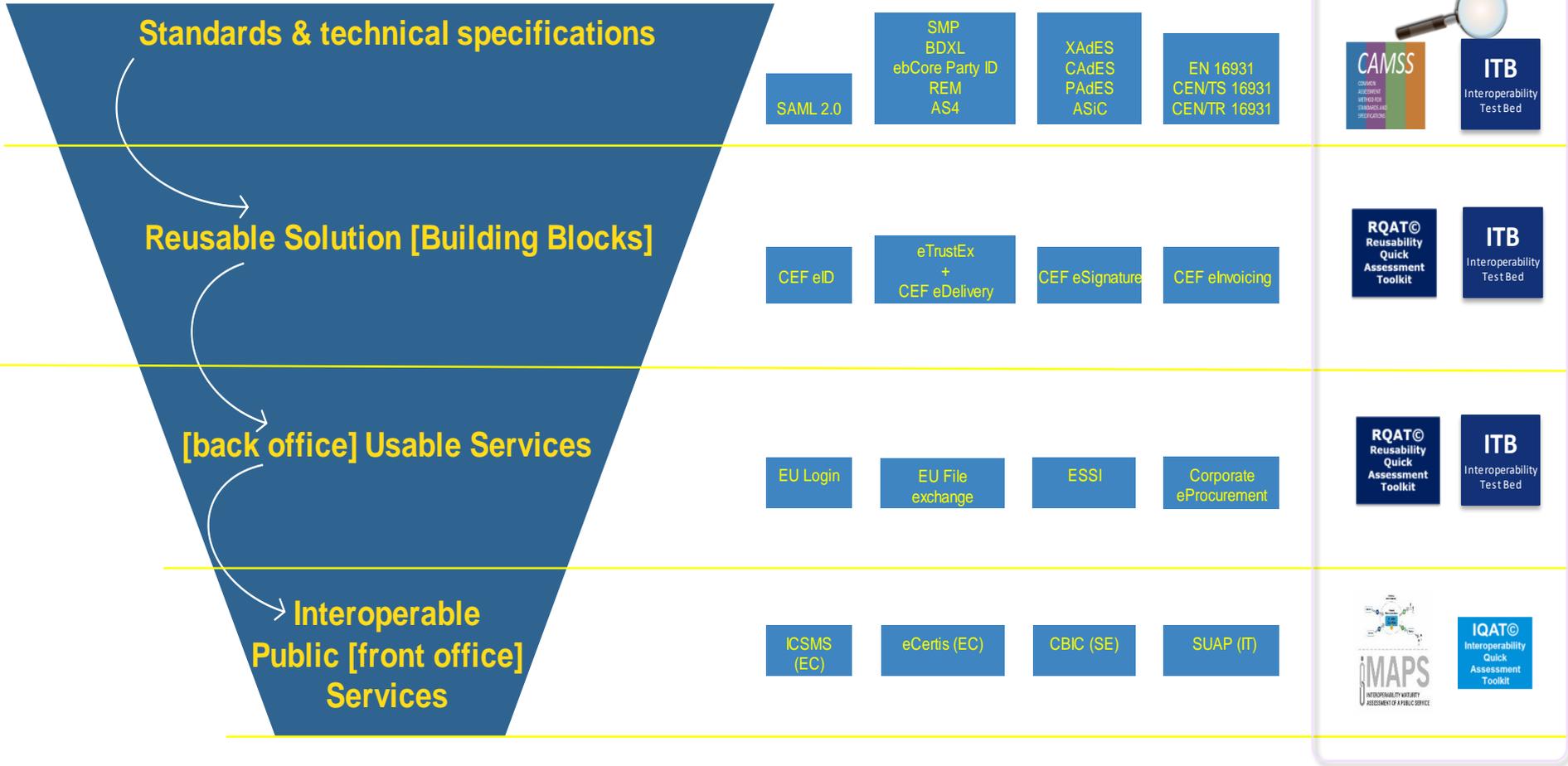


**New European Interoperability Framework**

- 1 revised **Conceptual Model** for integrated public service delivery
- 4 layers of interoperability
- 12 **underlying principles**
- 47 **recommendations** for Public administrations

New European Interoperability Framework  
Promoting seamless services and data flows for European public administrations

# EIRA SUPPORTS EIF IMPLEMENTATION (\*)



(\*) [DECISION \(EU\) 2015/2240 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL](#)

## DO YOU STRUGGLE DEALING WITH STANDARDS?



CAMSS is an established European guide for assessing and selecting standards and specifications for eGovernment projects. It can be used as a reference when building an ICT architecture and for justifying the selection of standards and specifications. For this purpose, CAMSS offers a set of solutions, assets and specifications.

## Benefits of CAMSS



### Improve quality

*Increasing transparency,  
efficiency and  
accountability in public  
administrations*



### Increase reusability

Reuse existing  
assessments or  
specifications already  
recommended by the EU  
Member States



### Save Time

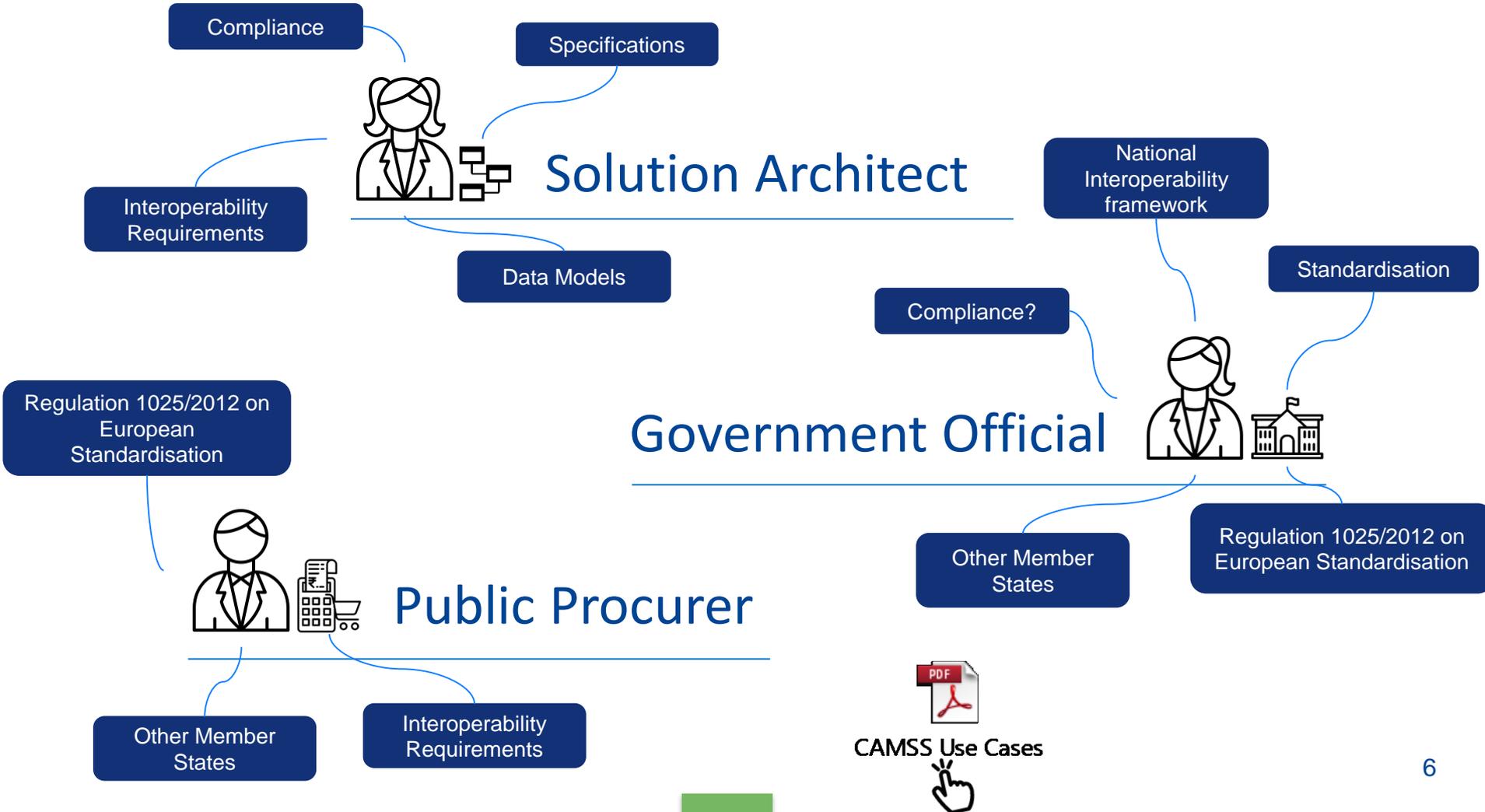
*Reduce administrative  
burden, speed up  
assessment processes*



### Be Compliant

Assess the compliance of  
cutting-edge  
specifications with  
reference frameworks

## CAMSS Users



## CAMSS Solutions

### CAMSS Assessment

The **evidence supporting the compliance** of a technical specification with a reference framework

### CAMSS Tool

A self-assessment **toolkit** to perform CAMSS Assessments

### CAMSSaaS

(CAMSS as a Service)

A service through which users can request **assessments free of charge**

### ELIS

(EIRA© Library of Interoperability Specifications)

A collection of specifications to define the interoperability requirements of a Solution categorised using the EIRA's Architecture Building Blocks

### CSSV

(Core Specifications and Standards Vocabulary)

The core vocabulary used to **describe specifications and standards**

### CAV

(Core Assessment Vocabulary)

The core vocabulary used to **describe assessments**

### CAMSS Ontology

The CAMSS Ontology is a formal description of knowledge as a set of concepts within the CAMSS domain and the axioms connecting its concepts and allowing for logic inferences.

<https://joinup.ec.europa.eu/collection/common-assessment-method-standards-and-specifications-camss>

1

## USING IT

### *Do it yourself:*

- **You have access to Assessment Resources**  
*- support to users, improved tools and training resources*

2

## RE-USING IT

### *Reuse Assessments:*

- A growing **Collection of Assessments** - *ready for reuse by the Standardisation Community*
- *List to Member States Catalogues of standards*

3

## CONSUMING IT

### *Request the Service:*

- **CAMSS as a Service** - *provision of assessments on demand*

<https://joinup.ec.europa.eu/collection/common-assessment-method-standards-and-specifications-camss/camss-assessments-library>

A self-assessment **toolkit** to perform CAMSS Assessments. The CAMSS Tools allows to perform assessments through different scenarios:

## **Technical Specification scenario**

*This CAMSS scenario is dedicated to the assesment of formal technical specification, in general terms. According to the regulation on standardisation 1025/2022, a technical specification is a "document that prescribes technical requirements to be fulfilled by a product, process, service or system*

## **MSP scenario**

*This CAMSS scenario is dedicated to the assessment of formal specifications in the context of public procurement. The criteria used are laid out in the Annex II of the regulation on standardisation 1025\_2012 as requirements for the identification of ICT technical specifications for their use in procurement. This scenario is used to support the Multi-Stakeholder platform for European Standardisation on the identification of technical specifications*

## **EIF scenario**

*This CAMSS Scenario allows to assess the compliance of interoperability specifications with the EIF. The objective of the obtained assessment is to determine the suitability of the assessed interoperability specification for the delivery of interoperable European public services.*

<https://joinup.ec.europa.eu/solution/camss-tools-0>

**“CAMSSaaS is the service provided by CAMSS for the execution and review of assessments on demand”**

Request the service at: [DIGIT-CAMSS@ec.europa.eu](mailto:DIGIT-CAMSS@ec.europa.eu)

There are 3 modalities of service:

### **CAMSSaaS assessment**

In this modality the user requests the CAMSS Team to perform the assessment of a technical specification.

### **CAMSSaaS content review**

In this modality the user requests the CAMSS Team to review an already performed assessment. The CAMSS Team will perform an in-depth review of the information, improving the answers of the user when needed and challenging them in order to strengthen the quality of the assessment as much as possible.

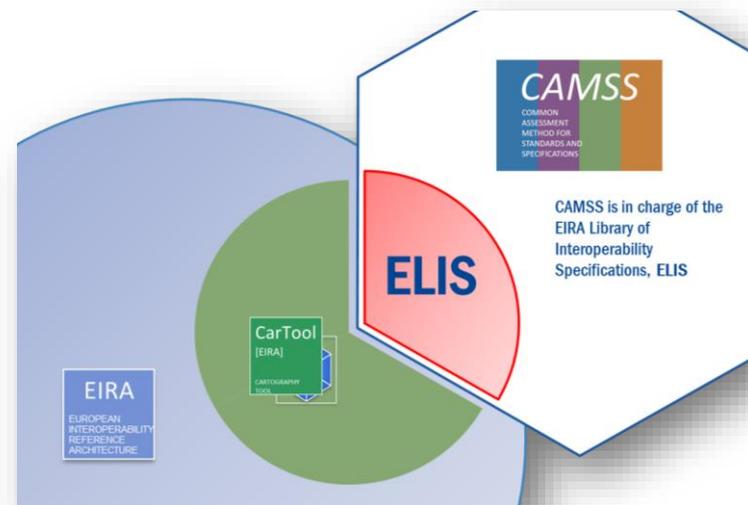
### **CAMSSaaS compliance review**

In this modality the user requests the CAMSS Team to review an already performed assessment. The CAMSS Team will perform a review of the assessment in order to determine if it has been properly filled, not challenging the actual content of it.

*“The ELIS is a modelling tool-agnostic but not architecture-agnostic library of interoperability specification”*

The EIRA Library of Interoperability Specifications (ELIS) contains and extensively documents the specifications describing the interoperability requirements of the different EIRA v3.0.0 architecture building blocks.

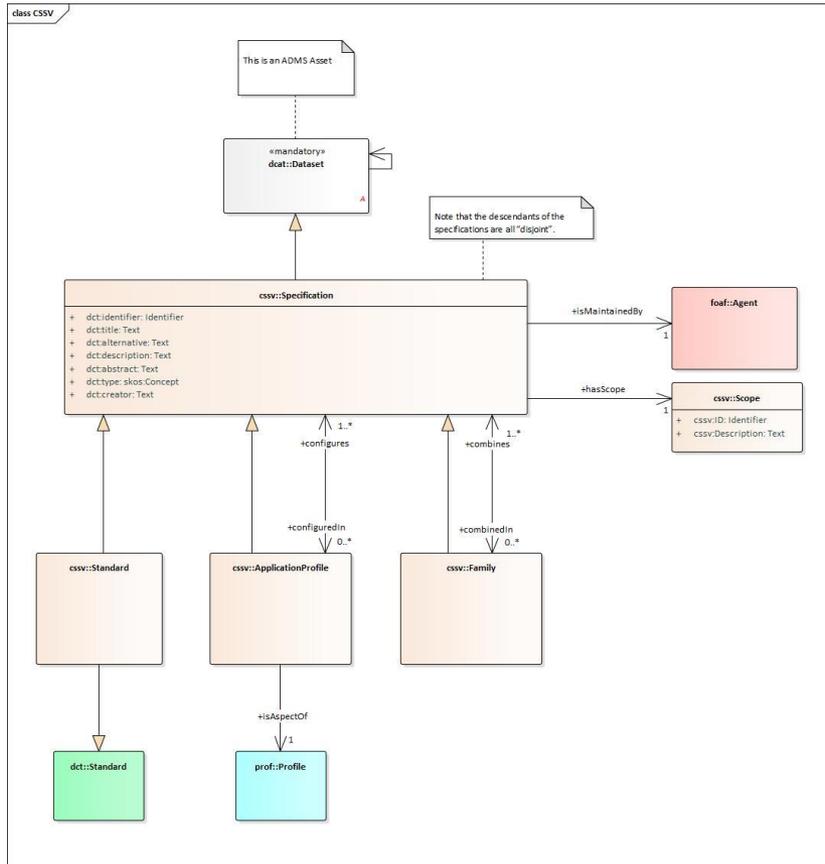
As an element of the EIRA, the ELIS constitutes a tool for supporting architects on the process of modelling EIRA-based solutions.



Currently implemented by the CarTool, the actual metrics of the ELIS are the following (See [ELIS Factsheets v1.0.0](#))

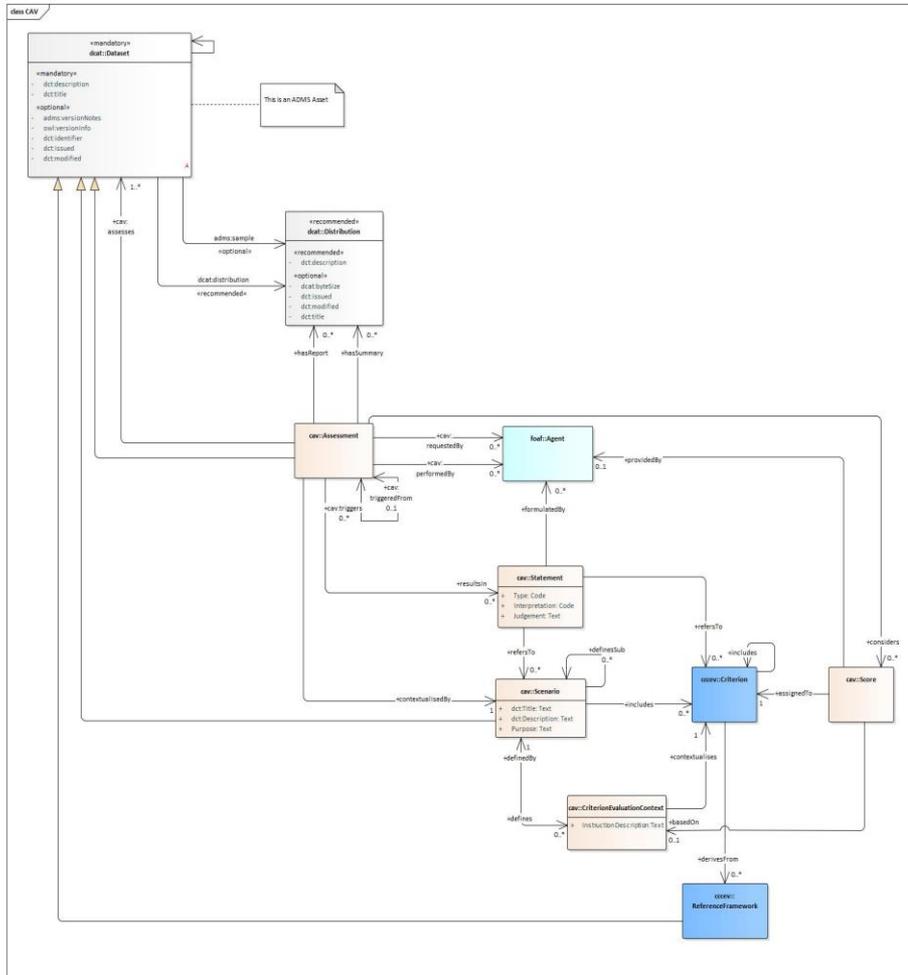
|                               | Metrics/View                             | Legal       | Organisational | Semantic    | Technical   | Total       |
|-------------------------------|--|-------------|----------------|-------------|-------------|-------------|
| OBJECTIVE<br>REACHED<br>March | Total number of ABBs                     | 7           | 23             | 14          | 63          | 107*        |
|                               | #ABBs in scope                           | 6           | 11             | 14          | 62          | 93          |
|                               | %ABBs in scope                           | 86%         | 48%            | 100%        | 98%         | 87%         |
|                               | #ABBs covered                            | 6           | 11             | 14          | 62          | 93          |
|                               | <b>%ABBs covered</b>                     | <b>100%</b> | <b>100%</b>    | <b>100%</b> | <b>100%</b> | <b>100%</b> |
|                               | #Specs assessed (EIF scenario)           | 0           | 0              | 10          | 26          | 29          |
|                               | <b>%ABBs covered by an assessed spec</b> | <b>0%</b>   | <b>0%</b>      | <b>50%</b>  | <b>45%</b>  | <b>37%</b>  |

<https://joinup.ec.europa.eu/solution/elis/release/v100>



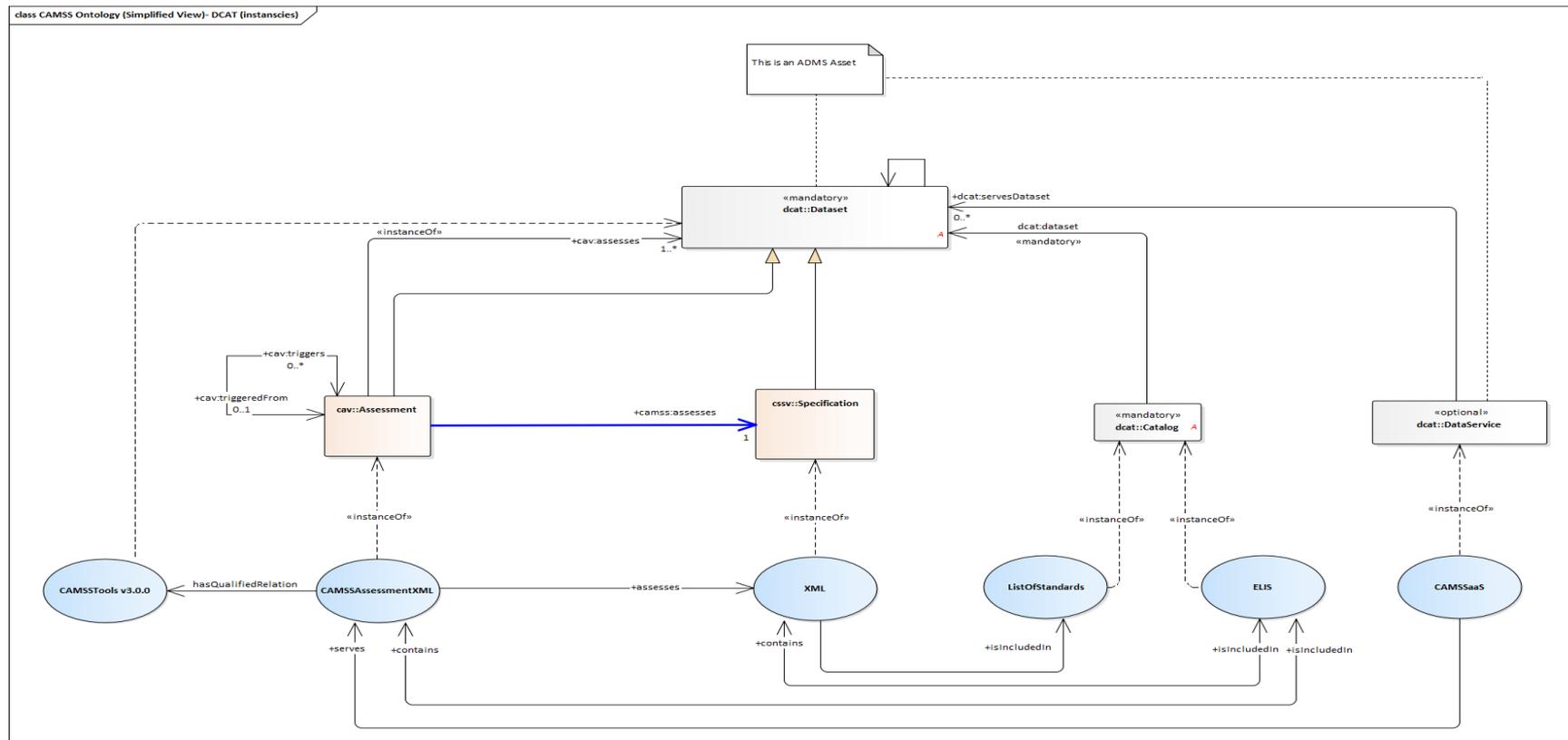
The CSSV is the vocabulary used for the information exchange related to standards and specifications amongst software solutions, as well as, it is the key element for the development of the new release of the EIRA Library of Interoperability Specifications (ELIS). In order to improve the quality of this vocabulary, it has been reviewed publicly through a public consultation where some stakeholders contributed to the improvement of the CSSV.

<https://joinup.ec.europa.eu/solution/core-standards-and-specifications-vocabulary-cssv>



The Core Assessment Vocabulary represents and defines what an “Assessment” of “assets” is and how to perform the assessment based on “Criteria”. It is a domain-agnostic vocabulary, meaning that it can be used to assess any type of assets.

<https://joinup.ec.europa.eu/solution/core-assessment-vocabulary-cav>



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## ISA<sup>2</sup> programme

*You click, we link.*

**Stay in touch**

**[ec.europa.eu/isa2](https://ec.europa.eu/isa2)**

 **@EU\_isa2**



**[isa@ec.europa.eu](mailto:isa@ec.europa.eu)**

**Run by the Interoperability Unit at DIGIT (European Commission) with 131€M budget, the ISA<sup>2</sup> programme provides public administrations, businesses and citizens with specifications and standards, software and services to reduce administrative burdens.**