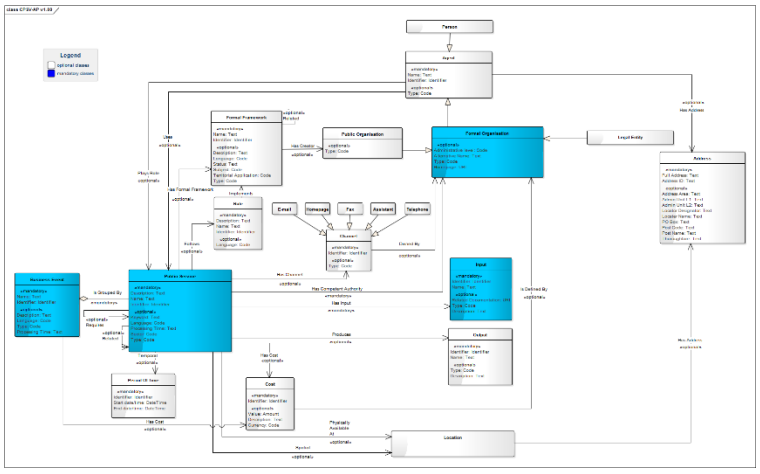
[EU02] CPSV-AP

CPSV-AP	
Summary	
ID	EU02
Initiative	ISA
Short description	Specification which defines a common data model for describing business events and public services under the scope of the Services Directive, with a particular focus on the electronic Points of Single Contact.
Owner	ISA Action 1.1
Contact	ISA Unit
Type	Framework
Sub-Type	Specification
Context	Cross-border, Cross-sector
Base Registry type	Business
Operating model	The solution enables Member States to coordinate the provision of information on public services and the way these public services are grouped in business events, which is currently scattered on electronic PSCs (Point of Single Contact), but also on regional and local portals, and other one-stop shops for entrepreneurs.
IPR	ISA Open Metadata Licence v1.1
Status	Operational
More details	
Aggregated business need	ABN – 4 Need for monitoring the data exchange (statistics) ABN – 12 Need for a platform to discuss the use of public data
Functionalities	The CPSV-AP is designed to meet the use cases described below: **Managing portfolios of public services** Public service portfolio management allows public administration to apply a holistic and systematic management to their investments on public service provision in order to optimise their coverage of citizens' and businesses' needs against the overall value of their investments.

	Public service portfolio management improves the management of the lifecycle of public services e.g. by: • Identifying for which domain, sector, business event… public services are missing; • Identifying public services that are not used or outdated; • Identifying redundant public services; • Providing information on public services of higher quality, i.e. more detailed, complete, valid, timely… description of public services and the business events they are grouped in. **Publishing descriptions of business events and related public services on the PSCs** Regional or local one–stop-shops for public services may have different ways for making information about business events and public services available. This single point of access does not have to affect the administrative organisation of PSCs in a specific country, but can be established through their federation and the exchange of information between the existing infrastructures. Using a common data model for business events and public services, such as the CPSV-AP, enables the flexible exchange and integration of the different public service descriptions and facilitates the publications of this information on the point of single access. This way, the common data model acts as a bridge, a common language, which enables mapping all different ways of describing public services and business events to group public services, to one common standard. **Finding information on the PSC more easily** A common data model for describing public services and making it possible to group them logically into business events, such as the CPSV-AP, would assist the PSC in providing high-quality descriptions of public services from a user-centric perspective by grouping them into these business events, which relate to the business lifecycle. This way,

	businesses can find the relevant information on public services to be executed in the context of a particular business event, without having to know how the public administration is being organised in a specific country and/or region. **Building a European federated catalogue of PSCs** A pan-European one-stop-shop, federating harmonised descriptions of business events and related public services from the MSs, could further enhance the cross-border access to these public services. Such a platform, which could be built on, and extend the work of Your Europe, would then provide a unified view on business events and related public services across the EU Member States. It would allow businesses to find, see and compare the services associated with business events in a number of Member States, and possibly take an informed decision about its investment based on this. This would not only improve the discoverability of information within the EU. It would also lower the information access barriers for third country nationals to find their way and invest in an EU Member State.
Design/Architecture	 Mandatory and optional classes and properties: **Class** | **Property** | **Mandatory/optional** Business Event | | mandatory Business Event | Identifier | mandatory Business Event | Name | mandatory

	Business Event	Description	optional
	Business Event	Type	optional
	Business Event	Language	optional
	Business Event	Has Cost	optional
	Business Event	Processing Time	optional
	Public Service		mandatory
	Public Service	Identifier	mandatory
	Public Service	Description	mandatory
	Public Service	Name	mandatory
	Public Service	Is Grouped By	mandatory
	Public Service	Type	optional
	Public Service	Has Competent Authority	mandatory
	Public Service	Has Formal Framework	optional
	Public Service	Language	optional
	Public Service	Has Channel	optional
	Public Service	Processing Time	optional
	Public Service	Sector	optional
	Public Service	Keyword	optional
	Public Service	Physically Available At	optional
	Public Service	Requires	optional
	Public Service	Related	optional
	Public Service	Has Input	mandatory
	Public Service	Produces	optional
	Public Service	Follows	optional
	Public Service	Spatial, Temporal	optional
	Public Service	Has Cost	optional
	Input		mandatory

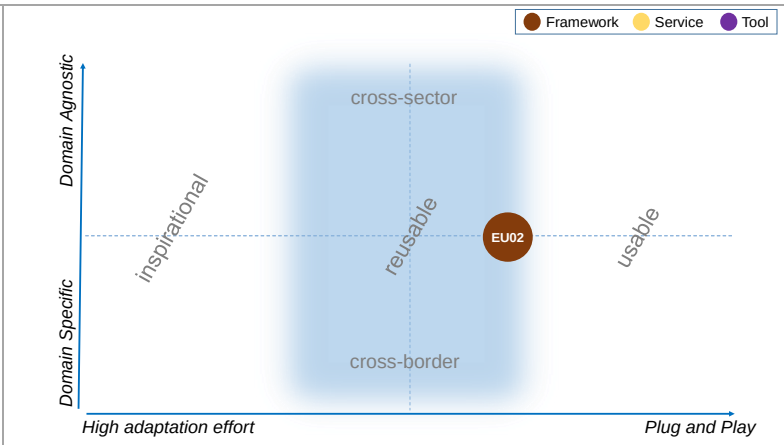
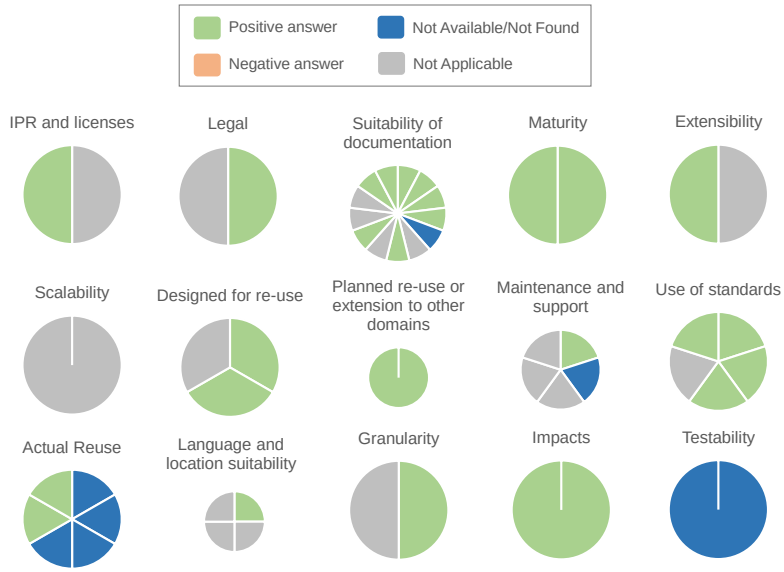
Input	Identifier	mandatory
Input	Name	mandatory
Input	Description	optional
Input	Type	optional
Input	Related Documentation	optional
Output		optional
Output	Identifier	mandatory
Output	Name	mandatory
Output	Description	optional
Output	Type	optional
Cost		optional
Cost	Identifier	mandatory
Cost	Value	optional
Cost	Currency	optional
Cost	Description	optional
Cost	Is Defined By	optional
Channel		optional
Channel	Identifier	mandatory
Channel	Is Owned By	optional
Channel	Type	optional
Period of Time		optional
Period of Time	Identifier	mandatory
Period of Time	Start date/time	mandatory
Period of Time	End date/time	mandatory
Rule		optional
Rule	Identifier	mandatory
Rule	Description	mandatory

	Rule	Name	mandatory
	Rule	Language	optional
	Rule	Implements	optional
	Formal Framework		optional
	Formal Framework	Identifier	mandatory
	Formal Framework	Name	mandatory
	Formal Framework	Description	optional
	Formal Framework	Language	optional
	Formal Framework	Status	optional
	Formal Framework	Subject	optional
	Formal Framework	Territorial Application	optional
	Formal Framework	Type	optional
	Formal Framework	Related	optional
	Formal Framework	Has Creator	optional
	Agent		optional
	Agent	Identifier	mandatory
	Agent	Name	mandatory
	Agent	Type	optional
	Agent	Plays Role	optional
	Agent	Uses	optional
	Agent	Has Address	optional
	Formal Organisation		mandatory
	Formal Organisation	Administrative Level	optional
	Formal Organisation	Alternative Name	optional
	Formal Organisation	Homepage	optional
	Formal Organisation	Type	optional
	Public Organisation		optional

	Public Organisation	Type	optional
	Person		optional
	Legal Entity		optional
	Location		optional
	Location	Has Address	optional
	Address		optional
	Address	Full Address	mandatory
	Address	Address ID	mandatory
	Address	Address Area	optional
	Address	Admin Unit L1	optional
	Address	Admin Unit L2	optional
	Address	Locator Designator	optional
	Address	Locator Name	optional
	Address	PO Box	optional
	Address	Post Code	optional
	Address	Post Name	optional
	Address	Thoroughfare	optional

Technologies	Sparx Enterprise Architect
Specifications	UML, XML, RDF
Management	Not Available/Not Found
Governance	Not Available/Not Found
Sustainability	Not Available/Not Found
Documentation	https://joinup.ec.europa.eu/catalogue/distribution/cpsv-ap-specification-v100
ADMS	http://joinup.ec.europa.eu/asset/cpsv-ap/CPSV-AP-1.00
Current Users	Not Available/Not Found
EIRA	
View	Semantic View
Building Block	Core Data Model
Reusability	

Landscape



Criteria