

ASSESSMENT SUMMARY v1.0.0

OpenPM2¹

Directorate-General for Informatics (European Commission)²

¹ <https://op.europa.eu/en/publication-detail/-/publication/ac3e118a-cb6e-11e8-9424-01aa75ed71a1/language-en/format-PDF/source-83307127>

² https://op.europa.eu/en/publication-detail?p_p_id=publicationDetails_PublicationDetailsPortlet&p_p_lifecycle=1&p_p_state=normal&p_p_mode=view&publicationDetails_PublicationDetailsPortlet_javax.portlet.action=author&facet.author=DIGIT&language=en&facet.collection=EUPub

Change Control

Modification	Details
Version 1.0.0	
Initial version	

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1. INTRODUCTION

The present document is a summary of the assessment of the **OpenPM2** carried out by CAMSS using the CAMSS EIF assessment scenario. The purpose of this scenario is assessing the compliance of a standard or specification with the European Interoperability Framework (EIF)³.

2. ASSESSMENT SUMMARY

PM² is a Project Management Methodology developed by the European Commission. Its purpose is to enable Project Managers (PMs) to deliver solutions and benefits to their organisations by effectively managing the entire lifecycle of their project. PM² has been created with the needs of European Union Institutions and projects in mind, but is transferrable to projects in any organisation.

2.1. Interoperability Principles

Interoperability principles are fundamental behavioural aspects that drive interoperability actions. They are relevant to the process of establishing interoperable European public services. They describe the context in which European public services are designed and implemented.

The specification fully supports the principles setting context for EU actions on interoperability:

- **Subsidiarity and proportionality**
OpenPM2 is not included in any national catalogues of recommended specifications.

The specification partially supports the principles setting context for EU actions on interoperability:

- **Openness**
OpenPM2 is an open specification publicly available for study or use. Through the PM Alliance, different stakeholders can provide inputs for the improvement of the methodology. It has a significant market acceptance amongs public European Public Administrations, and it has been opened to whole public, which that demonstrates that is a good asset for the development of products and services. In terms of maturity, the specifications is significantly mature since it has been evolved from 2007 on. It is also a fact that enhance and fosters the creation of innovative solutions.
- **Transparency**
Adopt the OpenPM2 to develop public projects or initiatives can help to the proper desing and spread of public adminstrations data and services, ensuring the quality and data availability. This fact can enhance and foster the visibility and comprehensibility of that data, rules or services while at the same time supporting the decision-making process.

³ https://ec.europa.eu/isa2/eif_en

- **Reusability**
OpenPM2 is a business agnostic specification that can be reused in a cross-domain way. It has been publicly opened to ensure that lessons learnt over time in public administrations can help to the global development of organisations and business all over the globe. Besides, OpenPM2 is available for its reuse for free.
- **Technological neutrality and data portability**
The methodology is widely implemented in European Organisations for the development of projects and initiatives. It is not dependent on any technology or platform, easing its implementation. Besides, it is a methodology that can be adapted to different needs and sizes of initiatives without harming their development. The specification includes a set of tools to be used when performing projects and their management.

The specification partially support the principles related to generic user needs and expectations:

- **User-centricity**
From an organisational viewpoint, the specification can support the development of e-government initiatives, including projects, initiatives actions or pilots working towards the implementation of the once-only principle. By establishing a common framework for methodological development, OpenPM can support the implementation of the Once-Only principle.
- **Inclusion and accessibility**
Not enough pieces of evidence have been found to answer positively or negatively to this criterion. It seems that OpenPM2 goal is not related to enabling e-accessibility for European Public Services.
- **Security and privacy**
OpenPM2 is a methodological approach and open specification used to develop projects efficiently and include tools for effective implementation. Even though the use of the specification can help to ensure that the information generated within projects and also shared, but its main purpose directly related to trustworthy data exchange.
- **Multilingualism**
Even though it is widely adopted methodology for public project and initiative management, not enough pieces of evidence have been found to state that OpenPM2 impacts positively or negatively the delivery of multilingual European public services.

The specification partially supports the foundation principles for cooperation among public administrations:

- **Administrative Simplification**

PM² is a Project Management Methodology developed by the European Commission. Its purpose is to enable Project Managers (PMs) to deliver solutions and benefits to their organisations by effectively managing the entire lifecycle of their project. PM² has been created with the needs of European Union Institutions and projects in mind but is transferrable to projects in any organisation. The application of the methodology helps to reduce costs and fosters administrative simplification by establishing a common method for managing project.

- **Preservation of information**

The specification aims to establish guidelines, a method for managing projects but it is not related to preserving electronic documentation on a long-term basis.

- **Assessment of effectiveness and efficiency**

After carrying out information retrieval, no document or study has been found assessing the OpenPM2 in terms of efficiency or effectiveness.

2.2. Interoperability Layers

The interoperability model which is applicable to all digital public services includes:

- Four layers of interoperability: legal, organisational, semantic and technical;
- A cross-cutting component of the four layers, 'integrated public service governance';
- A background layer, 'interoperability governance'.

The Specification supports the implementation of digital public services complying with the EIF interoperability model:

- **Interoperability governance**

OpenPM2 is already associated with EIRA ABBs in the European Library Of Specifications (ELIS). More specifically, OpenPM2 can define the interoperability aspects of the "Service Delivery Model" ABBs of the EIRA Organisational View. Moreover, it OpenPM2 is strongly supported and used by ISA2 Programme for managing initiatives and projects across Europe. Besides, it is included within Publications Office catalogues of resources, and in turn ISA2 has the specification included within their solutions catalogue. However, there are no Member States including OpenPM2 in their ICT National Catalogues.

- **Integrated public service governance & Legal Interoperability**

The specification is commonly used by European Institutions for the management and development of initiatives and projects. However, no specific or formal agreements have been found expressing the need or mandatoryness of implying the methodology in public services provision.

- **Organisational interoperability**

OpenPM2 is a base methodology for the development of projects and their management. By reusing the methodology, organisations can benefit from a common way of perform activities and measuring the development. In this sense, the specification can help and foster the cooperation between organisation knowing where other projects or initiatives are in terms of development and what is expected in each phase. It can be considered as a standardised way of manage and develop projects, which has been widely adopted by European institutions helping global management and cooperation between institutions.

- **Semantic Interoperability**

The specification does not define a cross-sector reusable data model. PM² is a light and easy-to-Implement methodology which project teams can tailor to their specific needs. Although the use of the methodology can be involved in actions or projects developing semantic assets or solutions it is not an enabler for semantic interoperability.

- **Technical interoperability**

This technical interoperability layer is covered by the core interoperability principle "Openness".

3. ASSESSMENT RESULTS

This section presents an overview of the results of the CAMSS assessments for **OpenPM2**. The CAMSS “Strength” indicator measures the reliability of the assessment by calculating the number of answered (applicable) criteria. On the other hand, the number of favourable answers and the number of unfavourable ones are used to calculate the “Automated Score” per category and an “Overall Score”.

Category	Automated Score	Assessment Strength	# Favourable	# Unfavourable	# Not Applicable
Principle setting the context for EU actions on interoperability	0%	100%	0	1	0
Core interoperability principles	84%	100%	16	3	0
Principles related to generic user needs and expectations	50%	50%	1	1	2
Foundation principles for cooperation among public administrations	50%	67%	1	1	1
Interoperability layers*	62%	95%	13	8	1
Overall Score	66%	90%	23	12	4

*The technical interoperability layer is covered by the criteria corresponding to the core interoperability principle "Openness".

With a 90% of assessment strength, this assessment can be considered representative of the specification compliance with the EIF principles and recommendations.

The Overall Automated Score of 66% demonstrates that the specification supports the European Interoperability Framework in the domains where it applies.

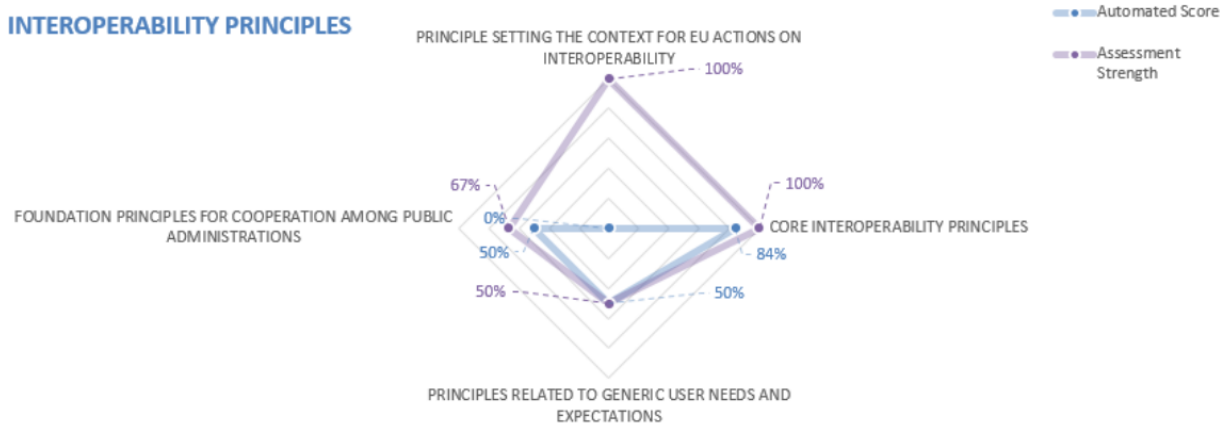


Figure 1. Interoperability principles Results

INTEROPERABILITY LAYERS

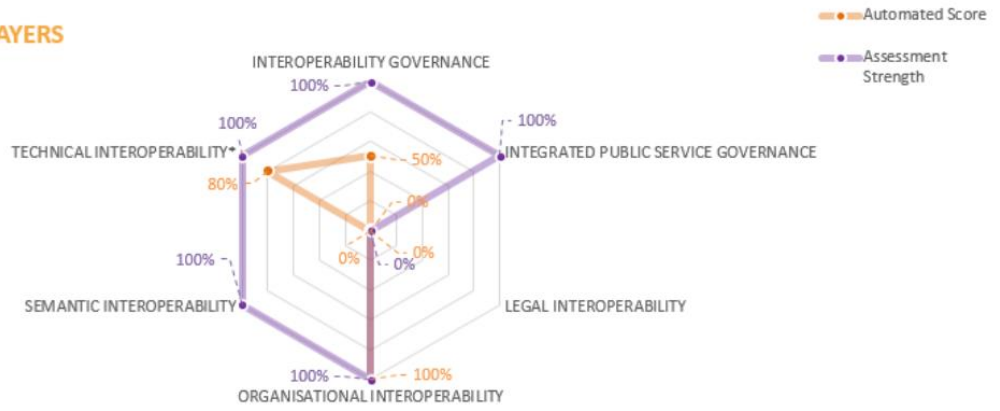


Figure 2. Interoperability layers Results