SIMAPS v1.3.0

Semantic Interoperability Maturity Assessment of a Public Service

Release notes
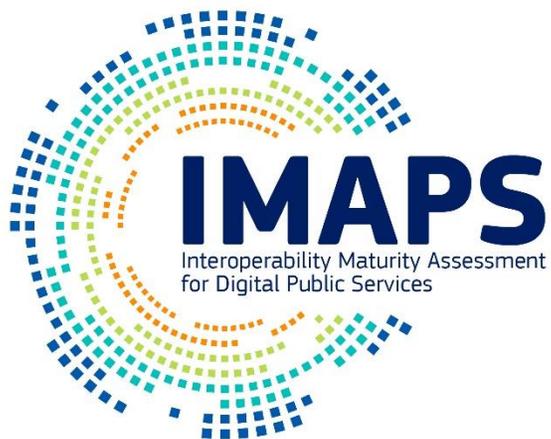
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Table of Abbreviations

Table 1: Acronyms

Acronym	Description
ABB	Architectural Building Block
CAMSS	Common Assessment Method for Standards and Specifications
CarTool	Cartography Tool
DIGIT	Directorate-General for Informatics
EC	European Commission
EIF	European Interoperability Framework
EIRA© (EIRA)	European Interoperability Reference Architecture
ELAP	EIRA Library of Architecture Principles (ELAP)
ELIS	EIRA Library of Interoperability Specifications
EU	European Union
HL SAT	High Level Solution Architecture Template
IMAPS	Interoperability Maturity Assessment of a Public Service
IMTs	Interoperability Maturity Tools
IQAT	Interoperability Quick Assessment Toolkit
ISA	Interoperability Services for Public Administrations
MS	Member State
PA	Public Administration
SIMAPS	Semantic Interoperability Maturity Assessment of a Public Service

1 INTRODUCTION

1.1 Purpose of this document

This document contains the description of the release version 1.3.0 of the Semantic Interoperability Maturity Assessment of a Public Service (SIMAPS).

1.2 Release date

Version 1.3.0 of the SIMAPS Survey has been released on the 30th of November 2022 on Joinup.

1.3 Description

The SIMAPS Survey is a highly user-friendly online questionnaire. Designed as a self-assessment tool, the SIMAPS survey is designed for public service owners to evaluate key semantic behavioral interoperability aspects of their digital public service. On completion of the survey, the public service owners receive tailored, confidential feedback and recommendations on how to further improve their digital public service.

Details on the individual components of this release are provided in the below Chapter 2 "Release components".

2 SIMAPS v1.3.0 RELEASE COMPONENTS

The SIMAPS v1.3.0 release consists of the following release components.

2.1 SIMAPS v1.3.0 EU Survey portal

The SIMAPS survey is available at the EU Survey portal.

Table 1: Updates at the EU Survey Portal

Modification	Details
Version 1.3.0	
SIMAPS URL at the EU Survey portal	Date: November 2022 The version 1.2.0 https://ec.europa.eu/eusurvey/runner/SIMAPS_v_1_2_0 has been replaced by the version 1.3.0 https://ec.europa.eu/eusurvey/runner/SIMAPS_v_1_3_0.
Updated the SIMAPS logo	Date: November 2022 The SIMAPS logo has been updated in order to be aligned with the Interoperable Europe identity.
Updated the Welcome page	Date: November 2022 The Welcome page has been updated based on the Study on user experience documentation[1] and it includes the following: • The purpose of the SIMAPS survey, • The expected output of the SIMAPS survey, • A note that the SIMAPS survey can be completed incrementally, • The version of the survey has been removed.
Updated the structure of the Introduction page	Date: November 2022 The Introduction page of the SIMAPS questionnaire has been updated based on the Study on user experience documentation[1] and provides rich information about the solution's positioning, context, approach to complete, preparation information, version, contact approach, and relevant solutions. The introduction page is not required user input and allows users to skip it as needed.
Updated the User journey in the Introduction section	Date: November 2022 The project team updated the user journey to be aligned with the Interoperable Europe identity. The project team updated the illustration of "user journey" to be aligned with the Interoperable Europe identity. This

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[1] 'D08.01.01 Strategy for ISA's interoperability assessment solutions' regarding the project DIGITTM-012203-6000176696 – CAMSS (Common Assessment Method for Standards and Specifications)

	visual is shown before the assessment, as part of the introduction to the survey at the EU Survey portal. It describes the structure and logic behind the SIMAPS survey, starting from the IMAPS questionnaire, explaining the SIMAPS model and structure
Updated the conceptual model of SIMAPS	Date: November 2022 Updates have been applied to the SIMAPS conceptual model. These updates are based on the design part, in order to be aligned with the Interoperable Europe identity. The updated conceptual model is illustrated in the Introduction section of the online SIMAPS survey.
Included reference for the IMTs solutions	Date: November 2022 A reference for all the Interoperability Maturity Tools (IMTs) has been added in the Introduction section of SIMAPS questionnaire.
Included a reference on the EIRA version	Date: November 2022 The reference "The SIMAPS survey is based on the European Interoperability Reference Architecture, in particular to the version EIRA v5.0.0. The EIRA was created in the context of Action 2016.32 of the ISA² Programme and is being maintained under the Interoperable Europe public initiative. The EIRA provides a common terminology that can be used by people working for public administrations in various architecture and system development tasks." has been added in the Introduction section of SIMAPS questionnaire.
Removed the reference to the GitHub page	Date: November 2022 The reference "*You can share your feedback on SIMAPS survey through the dedicated GitHub platform*" has been removed by the Introduction page of SIMAPS questionnaire due to the low end user feedback.
Added the Legal notices section	Date: November 2022 The SIMAPS survey's Introduction section should be followed by the Legal notices section based on the Study on user experience documentation[1]. The Legal notices section includes clearly communicating legal information, licencing information and disclaimers, generally anything linked to user approval and consent. This page also collects the user's consent on the sharing and processing of data, any relevant publishing of information, as well as the user's willingness to be contacted.
Included disclaimer for the responsibility of European Commission	Date: November 2022 The EC's logo and the disclaimer "By no means will the Interoperability assessment imply any endorsement of the EC to the assessed specification. Likewise, the use of SIMAPS© implies that the user accepts that the EC is not liable on the assessment nor on any direct or indirect

	consequence/decision of such assessment." has been added in the Legal notices section of SIMAPS questionnaire.
Updated the Service Identification section	Date: November 2022 The Service Identification section of the SIMAPS questionnaire has been separated from the Introduction section.
Updated the alongside information	Date: November 2022 The alongside information has been updated on the LIMAPS questionnaire and includes the following links and documents: • Useful links: ISA Product License v1.4, Share your feedback, • Background Documents: IMAPS User Guide, SIMAPS User Guide.
Removed the question A1F	Date: November 2022 The item "*A1F. Please provide the address of the organisation providing the service*" has been removed from the Service Identification section of the SIMAPS questionnaire.
Updated the question A2A	Date: November 2022 The item "*A2A. A digital public service is a digital service rendered in the public interest. What is the name of the service that you provide to the end users (citizens, businesses or other public administrations)? Please also provide the public service catalogue name and URI, if it is applicable for the digital public service.*" has been updated and separated into the two following items: • "*A2A. A digital public service is a digital service rendered in the public interest. What is the name of the service that you provide to the end users (citizens, businesses or other public administrations)?*", • "*A2B. Please provide the public service catalogue name and URI, if it is applicable for the digital public service.*".
Updated the question A2B	Date: November 2022 The item "*A2B. Use the following criteria to define a digital public service: i) Process and underlying activities, ii) Appearance, iii) Owner (see A3).* *Please describe the process and underlying activities of the digital public service. The digital public service always has three phases (1. initiation, 2. processing and 3. delivery of an outcome).* *Focus on the public decision that is the outcome of the service. If there is no public decision and/or outcome, focus on the benefits the service provides to the target audience.*" has been updated and simplified as "*A2C. Please give a brief description of the service.*". Additional information for the A2C item has been added as help message.

Added the question A3B	Date: November 2022 The item "*A3B. Are the solutions provided by a Directorate-General of the European Commission?"* has been added in the Service Identification section for the SIMAPS questionnaire and in case of the "*Yes*" option, the A3C item "*A3C. Please indicate the Directorate-General of the European Commission*" will be activated.
Updated the options and the recommendations of the D1 question	Date: November 2022 The options for the levels 3 and 4 have been updated in the D1 item "*D1. To what extent does the service deliver structured data, information and knowledge to its end users?*" as follows: • <u>Level 3</u>: The digital public service delivers semi-structured data to its end users e.g. XML, word documents, • <u>Level 4</u>: The digital public service delivers some structured data to its end users following a standard file content format (e.g. spreadsheets)". The recommendations for the levels 1, 2, 3, 4 in the D1 item have been updated as follows: • <u>Level 1</u>: Currently, the service does not deliver structured data, information and knowledge to its end users (i.e. it delivers unstructured data, like e.g. posts, emails, presentations). Consider performing the necessary actions so as to enable the service to partially deliver machine-readable data, information and knowledge to its end users e.g. word and/or PDF files, • <u>Level 2</u>: Currently, the service delivers partially semi-structured machine-readable data, information and knowledge to its end users e.g. delimited files, word and/or PDF files. Consider performing the necessary actions so as to enable the service to deliver all data in a semi-structured format to its end users e.g. delimited files, spreadsheet, word documents • <u>Level 3</u>: Currently, the service delivers semi-structured data to its end users e.g. XML, word documents. Consider performing the necessary actions so as to enable the service to also partially deliver structured data to its end users, following a specific structure, e.g. spreadsheets. • <u>Level 4</u>: Currently, the service delivers some structured data to its end users following a specific structure (e.g. spreadsheets). Consider performing the necessary actions so as to enable the service to deliver any data in a structured format, e.g. spreadsheets, tabular form of data which can be queried, etc.".
Updated the recommendations of the D2 question	Date: November 2022 The recommendations for the levels 2, 3 and 4 have been updated in the D2 item "To what extent does the service use commonly agreed standards

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to semantically describe the data, information and knowledge delivered? (ontology, data model, data syntax, data format)" as follows:

- "Level 2: Currently, the service uses custom standards to semantically describe some of the data, information and knowledge delivered. Consider performing the necessary actions so as to enable the service to use open standards such as e-Government Core Vocabularies to semantically describe some of the data, information and knowledge delivered.
- Level 3: Currently, the service uses standards such as e-Government Core Vocabularies to semantically describe some of the data, information and knowledge delivered. Consider performing the necessary actions so as to enable the service to use formal standards to semantically describe any data, information and knowledge delivered (e.g. ADMS, DCAT-AP, CPSV-AP, etc.).
- Level 4: Currently, the service uses formal standards to semantically describe any data, information and knowledge delivered (e.g. ADMS, DCAT-AP, CPSV-AP, etc.). Consider performing the necessary actions so as to enable the service to use ontology classes to semantically describe any data, information and knowledge delivered.".

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Updated the recommendations of the D3 question

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Date: November 2022

The recommendations for the levels 3 and 4 have been updated in the D3 item "To what extent does the service provide rules to map the data, information and knowledge delivered?" as follows:

- "Level 3: Currently, the service provides data mapping rules to map any of the data, information and knowledge delivered. Consider performing the necessary actions so as to enable the service to provide common semantic tools to map any data, information and knowledge delivered (e.g. mapping.semic.eu) for harmonizing different data models and facilitating the interoperable and (semi-) automatic exchange of information
- Level 4: Currently, the service provides common semantic tools to map any data, information and knowledge delivered (e.g. mapping.semic.eu). Consider performing the necessary actions so as to enable the service to provide in an open data format the rules to map any data, information and knowledge delivered.".

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Updated the recommendations of the D6 question

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Date: November 2022

The recommendations for the 4th level has been updated in the D6 item "D6. To what extent does the service provide machine-readable documentation about the data, information and knowledge delivered?" as follows:

- "Level 4: Currently, the service provides formatted machine-readable documentation about the data, information and

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	knowledge delivered (e.g. written in JSON). Consider performing the necessary actions so as to enable the service to provide formatted machine-readable documentation about the data in multiple open formats (e.g., JSON, XML, etc.)".
Updated the options and the recommendations of the D8 question	Date: November 2022 The option for the 2nd level has been updated in the D8 item "D8. To what extent does the service deliver data, information and knowledge that is input for a Master data repository?" as follows: • "<u>Level 2</u>: The service delivers basic data, information and knowledge to a Master data repository". The recommendations for the levels 1, 2 and 4 in the D8 item have been updated as follows: • "<u>Level 1</u>: Currently, the service does not deliver data, information and knowledge to any Master data repository. Consider performing the necessary actions so as to enable the service to deliver basic data, information and knowledge to a Master data repository. • <u>Level 2</u>: Currently, the service delivers basic data, information and knowledge to a Master data repository. Consider performing the necessary actions so as to enable the service to deliver data, information and knowledge to specific Master Data repositories. • <u>Level 4</u>: Currently, the service delivers data, information and knowledge to a national Master Data repository (e.g. business registry). Consider performing the necessary actions so as to enable the service to deliver data, information and knowledge to a trans-European Master Data repository (e.g. reference data or base registry across borders).".
Updated the options and the recommendations of the C1 question	Date: November 2022 The options for the levels 2 and 4 have been updated in the C1 item "To what extent does the service consume structured data, information and knowledge from other services or end users?" as follows: • "<u>Level 2</u>: The service consumes semi-structured machine-readable data, information and knowledge from other services, e.g. word and/or PDF files, • <u>Level 4</u>: The service consumes structured data from other services, e.g. spreadsheets, according to an open standard". The recommendations for the levels 1, 2 and 4 in the C1 item have been updated as follows: • "<u>Level 2</u>: Currently, the service consumes machine-readable semi-structured data, information and knowledge from its end users. Consider performing the necessary actions so as to enable the service to consume machine-readable and structured data,

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information and knowledge from client services (e.g. spreadsheet, etc.).
- Level 3: Currently, the service consumes machine-readable and structured data, information and knowledge from its end users. Consider performing the necessary actions so as to enable the service to follow a commonly agreed or open specification to consume structured, machine-readable data, information and knowledge from client services.
- Level 4: Currently, the digital public consumes machine-readable and structured data, information and knowledge, following a commonly agreed standard or open specification. Consider performing the necessary actions so as to enable the service to consume connected and enriched metadata so that different representations of the same content can be found, and links made between related resources.".

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Updated the recommendations of the C2 question

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Date: November 2022

The recommendations for the levels 2, 3 and 4 in the C2 item "To what extent does the service use commonly agreed standards to semantically align the data, information and knowledge consumed? (ontology, data model, data syntax, data format)" have been updated as follows:

- "Level 2: Currently, the service uses custom standards to semantically align some of the data, information and knowledge consumed. Consider performing the necessary actions so as to enable the service to use open standards such as e-Government Core Vocabularies to semantically align most of the data, information and knowledge consumed.
- Level 3: Currently, the service uses standards such as e-Government Core Vocabularies to semantically align most of the data, information and knowledge consumed. Consider performing the necessary actions so as to enable the service to use formal standards such as Asset Description Metadata Schema (ADMS) or DCAT Application Profile for Data Portals in Europe (DCAT-AP)), CPSV-AP to semantically align any data, information and knowledge consumed.
- Level 4: Currently, the service uses formal standards to semantically align any data, information and knowledge consumed (like ADMS, DCAT-AP, CPSV-AP, etc.). Consider performing the necessary actions so as to enable the service to use ontology classes to semantically align any data, information and knowledge consumed.".

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Updated the recommendations of the C4 question

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Date: November 2022

The recommendations for the levels 2 and 4 in the C4 item "C4 To what extent does the service consume machine-readable documentation about the data, information and knowledge consumed?" have been updated as follows:

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	• "Level 2: Currently, the service consumes human-readable documentation about the data, information and knowledge consumed. Consider performing the necessary actions so as to enable the service to be able to consume ad-hoc machine-readable documentation about the data, information and knowledge consumed. • Level 4: Currently, the service provides formatted machine-readable documentation about the data, information and knowledge delivered (e.g. written in JSON). Consider performing the necessary actions so as to enable the service to provide formatted machine-readable documentation about the data in multiple open formats (e.g., JSON, XML, etc.)".
Updated the recommendations of the C5 question	Date: November 2022 The recommendations for the 2nd levels in the C5 item "C5. To what extent does the service consume data, information and knowledge from a Master data repository?" have been updated as follows: • "Currently, the service consumes basic data, information and knowledge from a Master data repository. Consider performing the necessary actions so as to enable the service to consume data, information and knowledge from specific Master Data repositories.".
Replaced the mouse-over More Info by help message	Date: November 2022 The mouse-over More Info has been replaced by the help message across the items of the SIMAPS questionnaire.
Updated the EIRA ABBs	Date: November 2022 The following updates on the EIRA ABBs have been implemented on the SIMAPS questionnaire based on the alignment with new version of EIRA v5.0.0: • The EIRA ABB on the item "D4. To what extent does the service provide documentation about the data, information and knowledge delivered?" has been updated from "*Semantic Interoperability Specification*" to "*Solution Specification*". • The EIRA ABB on the item "D5. To what extent does the service provide multilingual documentation about the data, information and knowledge delivered?" has been updated from "*Semantic Interoperability Specification*" to "*Solution Specification*". • The EIRA ABB on the item "D6. To what extent does the service provide machine-readable documentation about the data, information and knowledge delivered?" has been updated from "*Semantic Interoperability Specification*" to "*Solution Specification*" and "*Representation*". • The EIRA ABB on the item "D7. To what extent does the service provide metadata documentation about the data, information and

	knowledge delivered?" has been updated from "*Semantic Interoperability Specification*" to "*Metadata*" and "*Data*". • The EIRA ABB on the item "C4. To what extent does the service consume machine-readable documentation about the data, information and knowledge consumed?" has been updated from "*Semantic Interoperability Specification*" to "Representation", "*Metadata*" and "*Data*".
Updated the Rating section	Date: November 2022 The reference "*Contact: For any general or technical questions, please send an email to DIGIT-IMAPS@ec.europa.eu.*" has been added for contacting purposes at the end of the Rating section of the SIMAPS questionnaire.
Alignment regarding the uniqueness and overlapping across the IMTs	Date: November 2022 The surveys of the IMTs have been compared against each other in terms of uniqueness and overlapping in the items.
EIRA v5.0.0 alignment	Date: November 2022 EIRA v5.0.0 alignment performed across the items of the SIMAPS questionnaire.
EIF principles alignment	Date: November 2022 EIF alignment on the principles and recommendations performed across the SIMAPS questionnaire.
CAMSS vocabulary alignment	Date: November 2022 CAMSS vocabulary alignment performed across the SIMAPS questionnaire.
Scoring model	Date: May 2022 The existing scoring model of SIMAPS version 1.2.0 is maintained, meaning that the sections Data, information and knowledge delivered/consumed, Service Delivery/Consumption Enablers and Service Delivery/Consumption Manifestations have weights 40%, 40% and 20% respectively across the whole questionnaire. However, the scoring per item has been adapted based on the 5 interoperability maturity levels of IMAPS (ad-hoc, opportunistic, essential, sustainable, and seamless), reflecting also the level of granularity mentioned above.
Previous contract change requests	Date: November 2022 All Change Requests (CRs) based on JIRA tickets collected during the previous contract, have been included in the SIMAPS version 1.3.0.

Version 1.2.0	
SIMAPS URL at the EU Survey portal	Date: 20/12/2021 The version 1.1.0 https://ec.europa.eu/eusurvey/runner/SIMAPS_v_1_1_0 has been replaced by the version 1.2.0 https://ec.europa.eu/eusurvey/runner/SIMAPS_v_1_2_0
Included a reference on the GitHub for feedback purposes	Date: 03/05/2022 The reference "You can share your feedback on SIMAPS survey through the dedicated GitHub platform." has been added for feedback purposes in the 'Introduction' section of the SIMAPS questionnaire.
Replaced the phrase "digital public service" with "service" to reduce repetition	Date: 03/05/2022 The phrase "digital public service" has been replaced with "service" on the SIMAPS questionnaire. The disclaimer *"The unit of assessment is the "Digital Public Service" and is referred to as "Service" in the survey that follows."* has been added in the end of the Introduction page to indicate the replacement of this phrase.
Added a question for the applicant's traceability	Date: 29/04/2022 New Item *"A1E. Please provide your role in the organisation providing the service"* has been added on the 'Introduction' section of the SIMAPS questionnaire as optional.
Added a question for statistics reasons	Date: 29/04/2022 New Item *"A1F. Please provide the address of the organisation providing the service"* has been added on the 'Introduction' section of the TIMAPS questionnaire as optional.
Added a disclaimer on A2A question the public service catalogue name and the URI	Date: 29/04/2022 The disclaimer *"Please also provide the public service catalogue name and URI, if it is applicable for the digital public service."* has been added on the item *"A2A. A digital public service is a digital service rendered in the public interest. What is the name of the digital public service that you provide to the end users (citizens, businesses or other public administrations)?"* in the 'Service Identification' section on the SIMAPS questionnaire.
Added a question for future contacting purposes	Date: 21/12/2021 New Item *"A2D. Please specify the email address of the provided digital public service"* has been added in the 'Introduction' section of the SIMAPS questionnaire as mandatory.
Rephrased A3 question and Updated the options to	Date: 03/05/2022 The item *"A3. Owner: Which public administration is primarily responsible for providing the digital public service?"* has been rephrased as *"A3A. Service*

illustrate better the tiers of administration	*provider: Which tier of public administration is primarily responsible for providing the service?*" as optional. The following initial options of A3 item: • *"Ministry e.g. Ministry of Public Administration, Ministry of Justice,* • *Public Administration e.g. Tax Administration, Directorate-General of the European Commission e.g. DG COMM, DG JUST, DGIT,* • *Government institution/agency/office e.g. National Agency for Information Society, National Centre for Public Administration and Local Government (EKDDA),* • *EU inistitution/agency/office e.g. EU Publications Office,* • *Other Legal Entity"* have been updated as follows: • *"International Public Administration,* • *Central Public Administration,* • *Regional Public Administration,* • *Local Public Administration,* • *Other Legal Entity"* In case of the "*Other Legal Entity*" option, a free text is available.
Added a question for the Directorate-General of the European Commission	Date: 03/05/2022 The item "A3B. Please indicate the Directorate-General of the European Commission" has been added in the 'Introduction' section on the SIMAPS questionnaire with a drop-down menu by including a list with EU DGs.
Updated the options on D1 question	Date: 03/05/2022 The options of the item "*D1. To what extent does the service deliver structured data, information and knowledge to its end users?*" have been updated for the following purposes: • To replace the word ""*MS Excel*" with "*spreadsheet*", • To remove the word "*XML*" from the level 3, • To remove the words "*MS Excel*" and "*DTD (Data Type Definition)*" from the level 4, • To add the "*XML schema*". The following initial options of D1 item: • "*The digital public service does not deliver structured data, information and knowledge to its end users (i.e. it delivers unstructured data, like e.g. image files),* • *The digital public service delivers unstructured but partially machine-readable data, information and knowledge to its end users e.g. word and/or PDF files,* • *The digital public service delivers structured data to its end users e.g. Excel, XML files,*

	- *The digital public service delivers structured data to its end users, e.g. excel, XML files, according to an appropriate DTD (Data Type Definition) or schema,* - *The digital public service delivers Linked Open Data (LOD) to its end users"* have been updated as follows: - *"The service does not deliver structured data, information and knowledge to its end users (i.e. it delivers unstructured data, like e.g. image files),* - *The service delivers unstructured but partially machine-readable data, information and knowledge to its end users e.g. word and/or PDF files,* - *The service delivers structured data to its end users e.g. spreadsheets,* - *The service delivers structured data to its end users, e.g. XML files or XML schema,* - *The service delivers Linked Open Data (LOD) to its end users,* - *Not applicable or not necessary (according to the scope of the digital public service),* - *No answer".*
Updated the options on the D5 question	Date: 03/05/2022 The options of the item "*D5. To what extent does the service provide multilingual documentation about the data, information and knowledge delivered?"* have been updated. The following initial options of D5 item: - *"The digital public service does not provide any multilingual documentation about the data, information and knowledge delivered,* - *The digital public service provides documentation about the data, information and knowledge delivered in some of the officially recognised languages by the public administration delivering the digital public service,* - *The digital public service provides documentation about the data, information and knowledge delivered in all officially recognised languages by the public administration delivering the digital public service,* - *The digital public service provides documentation about the data, information and knowledge delivered in all officially recognised national languages, as well as in English and French,* - *The digital public service provides documentation about the data, information and knowledge delivered in all EU officially recognised languages"* have been updated as follows: - *"Not applicable, the digital public service does not provide any documentation,*

	• *The service provides documentation in only one language,* • *The service provides documentation in some of the officially recognised languages by the public administration delivering the digital public service, for a certain volume of data,* • *The service provides documentation in all officially recognised languages by the public administration delivering the digital public service, for a certain volume of data,* • *The service provides documentation in all officially recognised national languages, as well as in English, French and German, while covering the full data volume,* *The digital public service provides documentation in all EU officially recognised languages, while covering the full data volume."*
Updated the options on the D7 question	Date: 03/05/2022 The options of the item "*D7. To what extent does the service provide metadata documentation about the data, information and knowledge delivered?*" have been updated. The following initial options of D7 item: • "*The digital public service does not provide any metadata documentation about the data, information and knowledge delivered,* • *The digital public service provides ad-hoc metadata documentation about the data, information and knowledge delivered (e.g. high-level description),* • *The digital public service provides non-standardised metadata documentation about the data, information and knowledge delivered (e.g. information about the data elements, descriptions, etc. in an unformatted way),* • *The digital public service provides standardised metadata documentation about the data, information and knowledge delivered (e.g. in JSON format),* • *The digital public service provides standardised, semantically formatted metadata documentation about the data, information and knowledge delivered, published as a Metadata Application Profile (MAP) or in a metadata repository (e.g. in the form of codelists/taxonomies)*" have been updated as follows: • "*The service does not provide any metadata documentation about the data, information and knowledge delivered,* • *The service provides project-level metadata documentation about the data, information and knowledge delivered (e.g. high-level description),* • *The service provides project-level and data-level metadata documentation about the data, information and knowledge delivered (e.g. information about the data elements, descriptions, etc. in an unformatted way),*

	• *The service provides project-level, data-level and architecture-level metadata documentation about the data, information and knowledge delivered,* • *The service provides project-level, data-level and architecture-level medata documentation which is in a standard format for the specific use of data (e.g. a format from DCC, FAIRSharing, etc),* • *Not applicable or not necessary (according to the scope of the digital public service),* • *No answer*".
Added a question for activation and disable the 'Service Consumption' section	Date: 29/04/2022 New Item "*Does the service consume data from other services?*" has been added at the beginning of the 'Service Consumption' of the SIMAPS questionnaire without including scoring. This item activates and disables the 'Service Consumption' section. New item "*I confirm that the service does not consume data from other services.*" has been added below the item ""Does the service consume data from other services?" with the option "Yes, I confirm". The option will take the highest score (3000/3000) in order not to penalise the digital public service under assessment.
Added a free text question for any comment	Date: 29/04/2022 New Item "*Please provide your comments and/or summarize your options, if necessary.*" has been added at the end of each section on the SIMAPS questionnaire.
Added a section for rating purposes	Date: 21/12/2021 A new 'Rating' section has been added on the final page allowing rating in the survey by including the item "*How would you rate this questionnaire?*".
Included a disclaimer on results report for the responsibility from the side of the Commission on any post-processing of output produced by the solution	Date: 03/05/2022 The following disclaimer for the responsibility reference regarding the implementation of the recommendations from the digital public service owner has been included in the 'Results Message'. **"Disclaimer** The information and views in this results report do not necessarily reflect the official opinion of the Commission. The Commission does not guarantee the accuracy of the information included in this document. Neither the Commission nor any person acting on the Commission's behalf may be held responsible for any post-processing of the results produced in the present report."
Updated SIMAPS Questionnaire	The following changes have been made to the SIMAPS questionnaire: Date: 20/12/2021

- The 'Service Identification' (A) annotating the scope of the digital public service has been merged in the Introduction section of SIMAPS questionnaire.
- The interoperability maturity levels have been included without implement the scoring in the Introduction section of SIMAPS questionnaire.
- The item "*A1D. Please indicate the country of the organisation providing the service*" related to the geographical area has been updated from single choice type as a drop-down menu by keeping the list of countries and the "Other" option. In case of the "*Other*" option, a free text is available.
- The display of legal and license information, as well as user content inputs have been grouped.

Date: 10/01/2022

- A reference to the IQAT license has been included alongside legal notices on the SIMAPS questionnaire.
- The 'ISA2 Programme' has been replaced with 'Interoperable Europe' in the Introduction section of SIMAPS questionnaire.

Date: 12/04/2022

The keywords on the options of SIMAPS questionnaire have been highlighted in bold to facilitate the user reading experience.

Date: 13/04/2022

All ABBs are hyperlinked (PURIs) with the most common terms used throughout the questionnaires to the EIRA Glossary.

Date: 19/04/2022

The spelling of the word "*inistitution*" has been corrected as "*institution*" in the options of the item "*A3A. Service provider: Which tier of public administration is primarily responsible for providing the service?*" on the SIMAPS questionnaire.

Date: 29/04/2022

- The word 'owner' has been replaced with the phrase 'service provider' on the item "A3A. Service provider: Which tier of public administration is primarily responsible for providing the service?" and overall, on SIMAPS questionnaire.
- A reference to the IMAPS User Guide has been included alongside legal notices on the SIMAPS questionnaire.
- The following items on the "Service Identification" section have been updated as optional based on the feedback from the expert reviews:
  - The item "*A1A. Please provide your name***,**
  - The item "*A1B. Please provide your email address*",
  - The item "*A1C. Please provide your phone number*",
  - The item "*A1D. Please indicate the country of the organisation providing the service*",

<table>
<tr><td></td><td>

- o The item "*A1F. Please provide the address of the organisation providing the service*",
- o The item "*A2A. A digital public service is a digital service rendered in the public interest. What is the name of the digital public service that you provide to the end users (citizens, businesses or other public administrations)? Please also provide the public service catalogue name and URI, if it is applicable for the digital public service*",
- o The item "*A2B. Use the following criteria to define a service: i) Process and underlying activities, ii) Appearance, iii) Provider (see A3). Please describe the process and underlying activities of the service. The service always has three phases (1. initiation, 2. processing and 3. delivery of an outcome). Focus on the public decision that is the outcome of the service. If there is no public decision and/or outcome, focus on the benefits the service provides to the target audience*",
- o The item "*A2C. Appearance: How does the service deliver the outcome towards the end user group?*",
- o The item "*A3A. Service provider: Which tier of public administration is primarily responsible for providing the service?*",
- o The item "*A3B. Please indicate the Directorate-General of the European Commission*",
- o The item "*A4. Please indicate in which sector is the service provided*",
- o The item "*A5. What is the end user group to whom the service is delivered?*",
- o The item "*A6. At what administrative level is the service provided (multiple answers are possible)?*".
- The item "*Would you like to be contacted for evaluation purposes?*" has been updated as bold in the 'Introduction' section of the SIMAPS questionnaire.
- The "More info" functionality has been added including the examples on the A2A, A2B, A2C, A3 and A5 items for the SIMAPS questionnaire.

</td></tr>
</table>

Accessibility by visually impaired or blind people	Date: 17/03/2022 The "Accessibility Mode" has been activated on SIMAPS assessment to increase survey readability and help visually impaired readers.
Applicability	Date: 29/04/2022 Based on the feedback from the expert reviews, the option 'Not applicable' should be included in the options of all SIMAPS items. As such, the project team added the 'Not applicable' option to all SIMAPS items as an option. The "N/A" options will take the highest score (100/100) in order not to penalize the digital public service under assessment.
No answer	Date: 29/04/2022

	Based on the feedback from the expert reviews, the option 'No answer' should be included in the options of all SIMAPS items. As such, the project team added the 'No answer' option to all SIMAPS items as the last option. The 'No answer' will take the lowest score (0/100).
Repetition	Date: 29/04/2022 According to the feedback received during pilot workshops, the term "Service" replaced the term "digital public service" in all SIMAPS items with a view to reduce repetition. A relevant disclaimer added in the Identification Section of the questionnaire.
Scoring model	Date: May 2022 The existing scoring model of SIMAPS version 1.1.0 is maintained, meaning that the sections Data, information and knowledge delivered/consumed, Service Delivery/Consumption Enablers and Service Delivery/Consumption Manifestations have weights 40%, 40% and 20% respectively across the whole questionnaire. However, the scoring per item has been adapted based on the 5 interoperability maturity levels of IMAPS (ad-hoc, opportunistic, essential, sustainable, and seamless), reflecting also the level of granularity mentioned above.
IMAPS to SIMAPS user journey	Date: 22/12/2021 The project team created a simple illustration of a "user journey" to give more context and explanation to the end-user on how the SIMAPS survey can be used and to its connection to the IMAPS survey. This visual is shown before the assessment, as part of the introduction to the survey at the EU Survey portal. It describes the structure and logic behind the SIMAPS survey, starting from the IMAPS questionnaire, explaining the SIMAPS model and structure.
Previous contract change requests	Date: December 2021 All Change Requests (CRs) based on JIRA tickets collected during the previous contract, have been included in the SIMAPS version 1.2.0.
Version 1.1.0	
Updated conceptual model of SIMAPS	Updates have been applied to the SIMAPS conceptual model. These updates include: • Added the 'Service Identification' section (A) annotating the scope of the digital public service. The updated conceptual model is illustrated in the 'Introduction' section of the online SIMAPS survey.

SIMAPS URL at the EU Survey portal	The version 1.0.0 https://ec.europa.eu/eusurvey/runner/SIMAPS_v_1_0_0 has been replaced by the https://ec.europa.eu/eusurvey/runner/SIMAPS_v_1_1_0
Added a question for future contacting purposes	New Item "*Would you like to be contacted for evaluation purposes?*" has been added in the 'Introduction' section of the SIMAPS questionnaire.
IMAPS to SIMAPS user journey	The project team created a simple illustration of a "user journey" to give more context and explanation to the end-user on how the SIMAPS survey can be used and to its connection to the IMAPS survey. This visual is shown before the assessment, as part of the introduction to the survey at the EU Survey portal. It describes the structure and logic behind the SIMAPS survey, starting from the IMAPS questionnaire, explaining the SIMAPS model and structure.
Updated SIMAPS items	Some SIMAPS items from the previous version (1.0.0) were highly complex and according to the expert reviews, their terminology and language had to be simplified. As such, some items have been removed from SIMAPS and they have been added either to TIMAPS (item D1), or they have been deleted at all, as their scope of assessment was covered by other 1.0.0 items. The following items have been underlined deleted from SIMAPS version 1.1.0: • Item D1: Is the data, information and knowledge delivered by your public service compliant with e-accessibility specifications? • Item D4: Please indicate to how many different MS your public service delivers semantically aligned data, information and knowledge. • Item D7: Are semantic formats (Linked Data, RDF, …) being used as a data format for data delivered by your public service? • Item D8: Please specify how your public service handles the reference data delivered to other public services. • Item D9: To what extent is semantic interoperability considered when delivering data, information, and knowledge to other public services? • Item D10: What kind of activities do you perform to make the data, information, knowledge delivered discoverable by other public services or by end users? • Item D11: What kind of activities do you perform to make the data, information, knowledge delivered clearly understood its end users? • Item D13: Please indicate if and how many applications have been developed based on data delivered from your public service • Item D14: Please indicate the extent of your public service data reuse in newly developed applications. • Item C4: Are Linked Open Data sets being consumed by the public service? • Item C6: From how many MS can your public service consume data, information and knowledge? (semantically aligned)

- Item C7: Is the public service able to consume data, information and knowledge available in more than one languages?
- Item C9: Can the public service consume data compliant with e-accessibility specifications?
- Item C11: Please indicate how your public service leverages semantically aligned data.
- Item C14: What proportion of the consumed data is being discovered?
- Item C15: What proportion of the data that your public service consumes is semantically aligned with data coming from other MS?

Similarly, the following items have been added to SIMAPS version 1.1.0:

- Item D1: To what extent does the digital public service deliver structured data, information and knowledge to its end users?
- Item D3: To what extent does the digital public service provide rules to map the data, information and knowledge delivered?
- Item D6: To what extent does the digital public service provide machine-readable documentation about the data, information and knowledge delivered?
- Item D7: To what extent does the digital public service provide metadata documentation about the data, information and knowledge delivered?
- Item D8: To what extent does the digital public service deliver data, information and knowledge that is input for a Master data repository?
- Item C1: To what extent does the digital public service consume structured data, information and knowledge from other services or end users?
- Item C4: To what extent does the digital public service consume machine-readable documentation about the data, information and knowledge consumed?
- Item C5: To what extent does the digital public service consume data, information and knowledge from a Master data repository?

The project team has updated the language and the terminology of **all SIMAPS items** by including the terminology specificities (structure, EIRA ABBs, etc.) in the "More info" section of the online survey to facilitate end-user understanding. This way we maintain the internal structure and the alignment with other actions, facilitating the end user (i.e. who replies the questionnaire) understanding. In this context, examples have been added in the "More info" section of the online survey facilitating the end user understanding.

Applicability	Based on the feedback from the expert reviews, the option 'Not applicable' should be included in the options of all SIMAPS items. As such, the project team added the 'Not applicable' option to all SIMAPS items as the first option. The "N/A" options will take the highest score (100/100) in order not to penalize the digital public service under assessment.

Conceptual corrections	Unit of analysis: the digital public service. Whatever item assessed manual vs. electronic has been removed; The electronic, as term, has been replaced by digital; Applicability across geographies and sectors, has been removed. In the context of SIMAPS, the CAMSS terminology, ELIS requirements and ELAP principles have been used as basis and guidance to design the items and options of the questionnaire, as well as the respective interoperability aspects, linked to each item. These interoperability aspects will serve as the basis to design the High Level Solution Architecture Template (HL SAT) of SIMAPS, a specification that extends EIRA and provides high level requirements on how to design a semantically interoperable digital public service
Items' level of granularity	Items' options have been reworked to cover a 5-level extent of replies that reflect each one of the 5 interoperability maturity levels of IMAPS (ad-hoc, opportunistic, essential, sustainable, and seamless).
Scoring model	The existing scoring model of SIMAPS version 1.0.0 is maintained, meaning that the sections Data, information and knowledge delivered/consumed, Service Delivery/Consumption Enablers and Service Delivery/Consumption Manifestations have weights 40%, 40% and 20% respectively across the whole questionnaire. However, the scoring per item has been adapted based on the 5 interoperability maturity levels of IMAPS (ad-hoc, opportunistic, essential, sustainable, and seamless), reflecting also the level of granularity mentioned above. The weight (percentage) of items has changed due to items being added and/or removed. The no-scoring questions have been removed and they will be added to IMAPS.
Previous contract change requests	All Change Requests (CRs) based on JIRA tickets collected during the previous contract, have been included in the SIMAPS version 1.1.0.
Version 1.0.0	

2.2 SIMAPS v1.3.0 User Guide

A PDF document describing the user guide of SIMAPS including the SIMAPS model, the SIMAPS survey and the recommendations of each SIMAPS question.

Table 2: Updates at SIMAPS User Guide

Modification	Details
Version 1.3.0	
Updated SIMAPS user guide	Date: November 2022 The User Guide is a consolidated document that includes the previous release components "User guide", "Questionnaire" and "Recommendations".
IMAPS to SIMAPS user journey	Date: November 2022 The project team created a simple illustration of a "user journey" to give more context and explanation to the end-user on how the SIMAPS survey can be used and to its connection to the IMAPS survey. This visual is shown before the assessment, as part of the introduction to the survey at the EU Survey portal. It describes the structure and logic behind the SIMAPS survey, starting from the IMAPS questionnaire, explaining the SIMAPS model and structure.
SIMAPS URL at the EU Survey portal	Date: November 2022 The version 1.2.0 https://ec.europa.eu/eusurvey/runner/SIMAPS_v_1_2_0 has been replaced by the version 1.3.0 https://ec.europa.eu/eusurvey/runner/SIMAPS_v_1_3_0.
Updated the SIMAPS logo	Date: November 2022 The SIMAPS logo has been updated in order to be aligned with the Interoperable Europe identity.
Updated SIMAPS items on Questionnaire	Date: November 2022 The following item has been added to SIMAPS version 1.3.0: • Item A1E: Please provide your role in the organisation providing the service
Scoring model	Date: November 2022 The existing scoring model of SIMAPS version 1.1.0 is maintained, meaning that the sections Data, information and knowledge delivered/consumed, Service Delivery/Consumption Enablers and Service Delivery/Consumption Manifestations have weights 40%, 40% and 20% respectively across the whole questionnaire. However, the scoring per item has been adapted based on the 5 interoperability maturity levels of IMAPS (ad-hoc, opportunistic, essential,

	sustainable, and seamless), reflecting also the level of granularity mentioned above.
Previous contract change requests	Date: November 2022 All Change Requests (CRs) based on JIRA tickets collected during the previous contract, have been included in the SIMAPS version 1.3.0.
Version 1.2.0	
Updated SIMAPS user guide	The User Guide is a consolidated document that includes the previous release components "User guide", "Questionnaire" and "Recommendations".
IMAPS to SIMAPS user journey	Date: 22/12/2021 The project team created a simple illustration of a "user journey" to give more context and explanation to the end-user on how the SIMAPS survey can be used and to its connection to the IMAPS survey. This visual is shown before the assessment, as part of the introduction to the survey at the EU Survey portal. It describes the structure and logic behind the SIMAPS survey, starting from the IMAPS questionnaire, explaining the SIMAPS model and structure.
SIMAPS URL at the EU Survey portal	Date: 20/12/2021 The version 1.1.0 https://ec.europa.eu/eusurvey/runner/SIMAPS_v_1_1_0 has been replaced by the version 1.2.0 https://ec.europa.eu/eusurvey/runner/SIMAPS_v_1_2_0
Updated SIMAPS items on Questionnaire	The following items have been added to SIMAPS version 1.2.0: • Item A1E: Please provide your role in the organisation providing the service • Item A1F: Please provide the address of the organisation providing the service • Item A2D: Please specify the email address of the provided digital public service • Item A3B: Please indicate the Directorate-General of the European Commission • Item: Does the service consume data from other services? • Item: I confirm that the service does not consume data from other services has been added below the item "Does the service consume data from other services?".
Applicability	Date: 29/04/2022 Based on the feedback from the expert reviews, the option 'Not applicable' should be included in the options of all SIMAPS items. As such, the project team added the 'Not applicable' option to all SIMAPS items as an option. The "N/A" options will take the highest score (100/100) in order not to penalize the digital public service under assessment.

No answer	Date: 29/04/2022 Based on the feedback from the expert reviews, the option 'No answer' should be included in the options of all SIMAPS items. As such, the project team added the 'No answer' option to all SIMAPS items as the last option. The 'No answer' will take the lowest score (0/100).
Scoring model	Date: May 2022 The existing scoring model of SIMAPS version 1.1.0 is maintained, meaning that the sections Data, information and knowledge delivered/consumed, Service Delivery/Consumption Enablers and Service Delivery/Consumption Manifestations have weights 40%, 40% and 20% respectively across the whole questionnaire. However, the scoring per item has been adapted based on the 5 interoperability maturity levels of IMAPS (ad-hoc, opportunistic, essential, sustainable, and seamless), reflecting also the level of granularity mentioned above.
Previous contract change requests	Date: December 2021 All Change Requests (CRs) based on JIRA tickets collected during the previous contract, have been included in the SIMAPS version 1.2.0.
Version 1.1.0	
Updated SIMAPS user guide	The User Guide is a consolidated document that includes the previous release components "User guide", "Questionnaire" and "Recommendations".
Updated conceptual model of SIMAPS	Updates have been applied to the SIMAPS conceptual model. These updates include: • Added the 'Service Identification' section (A) annotating the scope of the digital public service The updated conceptual model is illustrated in the 'Introduction' section of the online SIMAPS survey.
IMAPS to SIMAPS user journey	The project team created a simple illustration of a "user journey" to give more context and explanation to the end-user on how the SIMAPS survey can be used and to its connection to the IMAPS survey. This visual is shown before the assessment, as part of the introduction to the survey at the EU Survey portal. It describes the structure and logic behind the SIMAPS survey, starting from the IMAPS questionnaire, explaining the SIMAPS model and structure.
SIMAPS URL at the EU Survey portal	The version 1.0.0 https://ec.europa.eu/eusurvey/runner/SIMAPS_v_1_0_0 has been replaced by the https://ec.europa.eu/eusurvey/runner/SIMAPS_v_1_1_0

Updated SIMAPS items	Some SIMAPS items from version 1.0.0 were highly complex and according to the expert reviews, their terminology and language needed to be simplified.

Some SIMAPS items from version 1.0.0 were highly complex and according to the expert reviews, their terminology and language needed to be simplified.

As such, some items have been removed from SIMAPS and they have been added either to TIMAPS (item D1), or they have been deleted at all, as their scope of assessment was covered by other 1.0.0 items. The following items have been deleted from SIMAPS version 1.1.0:

- Item D1: Is the data, information and knowledge delivered by your public service compliant with e-accessibility specifications?
- Item D4: Please indicate to how many different MS your public service delivers semantically aligned data, information and knowledge.
- Item D7: Are semantic formats (Linked Data, RDF, …) being used as a data format for data delivered by your public service?
- Item D8: Please specify how your public service handles the reference data delivered to other public services.
- Item D9: To what extent is semantic interoperability considered when delivering data, information, and knowledge to other public services?
- Item D10: What kind of activities do you perform to make the data, information, knowledge delivered discoverable by other public services or by end users?
- Item D11: What kind of activities do you perform to make the data, information, knowledge delivered clearly understood its end users?
- Item D13: Please indicate if and how many applications have been developed based on data delivered from your public service
- Item D14: Please indicate the extent of your public service data reuse in newly developed applications.
- Item C4: Are Linked Open Data sets being consumed by the public service?
- Item C6: From how many MS can your public service consume data, information and knowledge? (semantically aligned)
- Item C7: Is the public service able to consume data, information and knowledge available in more than one languages?
- Item C9: Can the public service consume data compliant with e-accessibility specifications?
- Item C11: Please indicate how your public service leverages semantically aligned data.
- Item C14: What proportion of the consumed data is being discovered?
- Item C15: What proportion of the data that your public service consumes is semantically aligned with data coming from other MS?

Similarly, the following items have been added to SIMAPS version 1.1.0:

- Item D1: To what extent does the digital public service deliver structured data, information and knowledge to its end users?
- Item D3: To what extent does the digital public service provide rules to map the data, information and knowledge delivered?

	• Item D6: To what extent does the digital public service provide machine-readable documentation about the data, information and knowledge delivered? • Item D7: To what extent does the digital public service provide metadata documentation about the data, information and knowledge delivered? • Item D8: To what extent does the digital public service deliver data, information and knowledge that is input for a Master data repository? • Item C1: To what extent does the digital public service consume structured data, information and knowledge from other services or end users? • Item C4: To what extent does the digital public service consume machine-readable documentation about the data, information and knowledge consumed? • Item C5: To what extent does the digital public service consume data, information and knowledge from a Master data repository? The project team has updated the language and the terminology of **all SIMAPS items** by including the terminology specificities (structure, EIRA ABBs, etc.) in the "More info" section of the online survey to facilitate end-user understanding. This way we maintain the internal structure and the alignment with other actions, facilitating the end user (i.e. who replies the questionnaire) understanding. In this context, examples have been added in the "More info" section of the online survey facilitating the end user understanding.
Applicability	Based on the feedback from the expert reviews, the option 'Not applicable' should be included in the options of all SIMAPS items. As such, the project team added the 'Not applicable' option to all SIMAPS items as the first option. The "N/A" options will take the highest score (100/100) in order not to penalize the digital public service under assessment.
Conceptual corrections	Unit of analysis: the digital public service. Whatever item assessed manual vs. electronic has been removed; The electronic, as term, has been replaced by digital; Applicability across geographies and sectors, has been removed. CAMSS
Items' level of granularity	Items' options have been reworked to cover a 5-level extent of replies that reflect each one of the 5 interoperability maturity levels of IMAPS (ad-hoc, opportunistic, essential, sustainable, and seamless).
Scoring model	The existing scoring model of SIMAPS version 1.0.0 is maintained, meaning that the sections Data, information and knowledge delivered/consumed, Service Delivery/Consumption Enablers and Service Delivery/Consumption Manifestations have weights 40%, 40% and 20% respectively across the whole questionnaire.

	However, the scoring per item has been adapted based on the 5 interoperability maturity levels of IMAPS (ad-hoc, opportunistic, essential, sustainable, and seamless), reflecting also the level of granularity mentioned above. The weight (percentage) of items has changed due to items being added and/or removed. The no-scoring questions have been removed and they will be added to IMAPS.
Previous contract change requests	All Change Requests (CRs) based on JIRA tickets collected during the previous contract, have been included in the SIMAPS version 1.1.0.
Version 1.0.0	

2.3   SIMAPS v1.3.0 Publication on Joinup

The public web page (https://joinup.ec.europa.eu/collection/interoperability-maturity-tools-imts-digital-public-services/solution/simaps/about) describing SIMAPS version 1.3.0.

Table 3: Changes in Joinup

Modification	Details
Version 1.3.0	
SIMAPS URL at the EU Survey portal	Date: November 2022 The version 1.2.0 https://ec.europa.eu/eusurvey/runner/SIMAPS_v_1_2_0 has been replaced by the version 1.3.0 https://ec.europa.eu/eusurvey/runner/SIMAPS_v_1_3_0
SIMAPS Release components	Date: November 2022 The version 1.3.0 includes the following release components: • SIMAPS v1.3.0 EU Survey portal • SIMAPS v1.3.0 User Guide; • SIMAPS v1.3.0 Publication on Joinup; • SIMAPS v1.3.0 Value proposition; • SIMAPS v1.3.0 Release package; • ISA product license.
Version 1.2.0	
SIMAPS URL at the EU Survey portal	Date: 20/12/2021 The version 1.1.0 https://ec.europa.eu/eusurvey/runner/SIMAPS_v_1_1_0 has been replaced by the version 1.2.0 https://ec.europa.eu/eusurvey/runner/SIMAPS_v_1_2_0
SIMAPS Release components	Date: 6/5/2022 The version 1.2.0 includes the following release components: • SIMAPS v1.2.0 EU Survey portal • SIMAPS v1.2.0 User Guide; • SIMAPS v1.2.0 Publication on Joinup; • SIMAPS v1.2.0 Value proposition; • SIMAPS v1.2.0 Release package; • ISA product license.
Version 1.1.0	
Updated conceptual model of SIMAPS	Updates have been applied to the SIMAPS conceptual model. These updates include: • Added the 'Service Identification' section (A) annotating the scope of the digital public service

	The updated conceptual model is illustrated in the 'Introduction' section of the online SIMAPS survey.
SIMAPS URL at the EU Survey portal	The version 1.0.0 https://ec.europa.eu/eusurvey/runner/SIMAPS_v_1_0_0 has been replaced by the https://ec.europa.eu/eusurvey/runner/SIMAPS_v_1_1_0
SIMAPS Release components	The version 1.1.0 includes the following release components: • SIMAPS v1.1.0 EU Survey portal • SIMAPS v1.1.0 User Guide; • SIMAPS v1.1.0 Publication on Joinup; • SIMAPS v1.1.0 Value proposition; • SIMAPS v1.1.0 Release package; • ISA product license.
Version 1.0.0	

2.4   SIMAPS v1.3.0 Value Proposition

A PDF document, which provides the value proposition of SIMAPS v1.3.0.

Table 4: Changes in SIMAPS value proposition

Modification	Details
Version 1.3.0	
SIMAPS URL at the EU Survey portal	Date: November 2022 The version 1.2.0 https://ec.europa.eu/eusurvey/runner/SIMAPS_v_1_2_0 has been replaced by the version 1.3.0 https://ec.europa.eu/eusurvey/runner/SIMAPS_v_1_3_0.
Updated the SIMAPS Value proposition in term of look and feel	Date: November 2022 The SIMAPS Value proposition has been updated in order to be aligned with the Interoperable Europe identity.
Updated the conceptual model of SIMAPS	Date: November 2022 Updates have been applied to the SIMAPS conceptual model. These updates are based on the design part, in order to be aligned with the Interoperable Europe identity. The updated conceptual model is illustrated in the Introduction section of the online SIMAPS survey.
Version 1.2.0	

SIMAPS URL at the EU Survey portal	Date: 20/12/2021 The version 1.1.0 https://ec.europa.eu/eusurvey/runner/SIMAPS_v_1_0_0 has been replaced by the version 1.2.0 https://ec.europa.eu/eusurvey/runner/SIMAPS_v_1_2_0
Version 1.1.0	
Updated conceptual model of SIMAPS	Updates have been applied to the SIMAPS conceptual model. These updates include: • Added the 'Service Identification' section (A) annotating the scope of the digital public service The updated conceptual model is illustrated in the 'Introduction' section of the online SIMAPS survey.
SIMAPS URL at the EU Survey portal	The version 1.0.0 https://ec.europa.eu/eusurvey/runner/SIMAPS_v_1_0_0has been replaced by the https://ec.europa.eu/eusurvey/runner/SIMAPS_v_1_1_0
Updated layout	The layout of the SIMAPS value proposition has been updated following the same look and feel of IMAPS "one pager". In addition, the following sections have been added for an optimal user experience: • *What is SIMAPS*: describes the logic of the SIMAPS survey • *What is in for you*: describes the benefits for the users by using SIMAPS • *For whom is SIMAPS relevant:* describes the target users (profiles) of the users that should take the SIMAPS assessment • *SIMAPS conceptual model & structure*: describes the SIMAPS conceptual model and its structure • *Digital Public Service Components*: describes the three different service areas i.e. Service Identification, Service Delivery and Service Consumption that the SIMAPS assessment captures
Version 1.0.0	

2.5   ISA Product License v1.4

The license under which the SIMAPS v1.3.0 is released.

Table 5: Changes in SIMAPS release

Modification	Details
Version 1.3.0	
Version 1.2.0	
Version 1.1.0	
Version 1.0.0	

2.6   SIMAPS v1.3.0 Release

An archive containing each of the above mentioned files.

Table 6: Changes in SIMAPS release

Modification	Details
Version 1.3.0	
Release package of all release components – SIMAPS v1.3.0	Date: November 2022 The package of SIMAPS version 1.3.0 does not include the SIMAPS Recommendations as a separate file from the User Guide. The User Guide is a consolidated document that includes the previous release components "User guide", "Questionnaire" and "Recommendations".
Version 1.2.0	
Release package of all release components – SIMAPS v1.2.0	The package of SIMAPS version 1.2.0 does not include the SIMAPS Recommendations as a separate file from the User Guide. The User Guide is a consolidated document that includes the previous release components "User guide", "Questionnaire" and "Recommendations".
Version 1.1.0	

Release package of all release components – SIMAPS v1.1.0	The package of SIMAPS version 1.1.0 does not include the SIMAPS Recommendations as a separate file from the User Guide. The User Guide is a consolidated document that includes the previous release components "User guide", "Questionnaire" and "Recommendations".
Version 1.0.0	