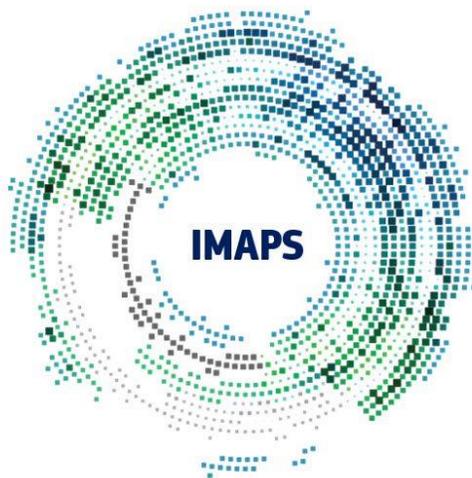


LIMAPS v1.0.0

Legal Interoperability Maturity Assessment of a Public Service

Release notes



Interoperability Maturity Assessment of Your Digital Public Service

LIMAPS Legal Interoperability

OIMAPS Organisational Interoperability

SIMAPS Semantic Interoperability

TIMAPS Technical Interoperability

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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 |
| IQAT | Interoperability Quick Assessment Toolkit |
| ISA | Interoperability Services for Public Administrations |
| IMAPS | Interoperability Maturity Assessment of a Public Service |
| LIMAPS | Legal Interoperability Maturity Assessment of a Public Service |
| MS | Member State |
| PA | Public Administration |

1 INTRODUCTION

1.1 Purpose of this document

This document contains the description of the release version 1.0.0 of the Legal Interoperability Maturity Assessment of a Public Service (LIMAPS).

1.2 Release date

Version 1.0.0 of the LIMAPS Survey has been released on the 23 September 2021 on Joinup.

1.3 Description

The LIMAPS Survey is a highly user-friendly online questionnaire. Designed as a self-assessment tool, the LIMAPS survey is designed for public service owners to evaluate key legal 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 LIMAPS v1.0.0 RELEASE COMPONENTS

The LIMAPS v1.0.0 release consists of the following release components.

2.1 [LIMAPS v1.0.0 EU Survey portal](#)

The LIMAPS survey is available at the EU Survey portal.

Table 1: Updates at the EU Survey Portal

| Modification | Details |
|--|---|
| Version 1.0.0 | |
| Updated conceptual model of LIMAPS | <p>Updates have been applied to the LIMAPS conceptual model. These updates include:</p> <ul style="list-style-type: none"> Added the ‘Service Identification’ section (A) annotating the scope of the digital public service <p>The updated conceptual model is illustrated in the ‘Introduction’ section of the online LIMAPS survey.</p> |
| LIMAPS URL at the EU Survey portal | <p>The version 1.0.0 https://ec.europa.eu/eusurvey/runner/limaps-beta has been replaced by the https://ec.europa.eu/eusurvey/runner/LIMAPS_v_1_0_0</p> |
| Added a question for future contacting purposes | <p>New Item “<i>Would you like to be contacted for evaluation purposes?</i>” has been added in the ‘Introduction’ section of the LIMAPS questionnaire.</p> |
| IMAPS to LIMAPS user journey | <p>The project team created a simple illustration of a “user journey” to give more context and explanation to the end-user on how the LIMAPS 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 LIMAPS survey, starting from the IMAPS questionnaire, explaining the LIMAPS model and structure.</p> |
| Updated LIMAPS items | <p>Some items from version <i>LIMAPS 1.0.0 beta</i> were highly complex and according to the expert reviews, their terminology and language needed simplification. The project team has updated the language and the terminology of all LIMAPS items by including the terminology specificities (purpose, structure, EIRA ABBs, etc.) in the “More info” section of the online survey section to facilitate end-user understanding. This approach ensures consistency with the internal structure of IMAPS and its specialisations, as well as 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 section facilitating the end user</p> |

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| | |
|--|---|
| | <p>understanding. In addition, the following items have been added to LIMAPS version 1.0.0:</p> <ul style="list-style-type: none"> • Item D3: To what extent is the digital public service legally mandated to deliver data, information, knowledge in a machine-readable format? • Item D5: To what extent does the digital public service inform to the end users on the legal aspects that define the specifications of the delivered data, information, knowledge? • Item D6: To what extent does the digital public service request end-user’s consent prior to the delivery of data, information and knowledge? • Item D7: To what extent does the digital public service enable end-users to manage (i.e. revoke) consent to deliver data, information and knowledge? • Item D8: To what extent does the digital public service deliver data, information, knowledge from other consumed services? (e.g. address, geolocation data, personal data) • Item D9: To what extent does the digital public service provide user friendly explanations on the legal provisions concerning the data, information and knowledge delivered? • Item D10: To what extent does the digital public service provide tracing and logging mechanisms to allow a secure delivery of data, information and knowledge towards its end users? • Item C3: To what extent is the digital public service legally mandated to consume data, information and knowledge in a machine-readable format? |
| Applicability | <p>Based on the feedback from the expert reviews, the option ‘Not applicable’ should be included in the options of all LIMAPS items. As such, the project team added the ‘Not applicable’ option to all LIMAPS 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.</p> |
| Scoring model | <p>The existing scoring model of LIMAPS version 1.0.0 beta is maintained meaning that the sections Data, information and knowledge delivered/consumed, Service Delivery/Consumption Enablers and Service Delivery/Consumption Manifestations have 40%, 40% and 20% respective weights in the whole questionnaire. However, the score per item has changed due to the addition of the “N/A” option to all LIMAPS items.</p> |
| Previous contract change requests | <p>All Change Requests (CRs) based on JIRA tickets collected during the previous contract, have been included in the LIMAPS version 1.0.0.</p> |
| Version 1.0.0 beta | |
| | |

2.2 [LIMAPS v1.0.0 User Guide](#)

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

Table 2: Updates at LIMAPS User Guide

| Modification | Details |
|---|--|
| Version 1.0.0 | |
| Updated LIMAPS user guide | The User Guide is a consolidated document that includes the previous release components “User guide”, “Questionnaire” and “Recommendations”. |
| Updated conceptual model of LIMAPS | <p>Updates have been applied to the LIMAPS conceptual model. These updates include:</p> <ul style="list-style-type: none"> Added the ‘Service Identification’ section (A) annotating the scope of the digital public service <p>The updated conceptual model is illustrated in the ‘Introduction’ section of the online LIMAPS survey.</p> |
| IMAPS to LIMAPS 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 LIMAPS 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 LIMAPS survey, starting from the IMAPS questionnaire, explaining the LIMAPS model and structure. |
| LIMAPS URL at the EU Survey portal | The version 1.0.0 https://ec.europa.eu/eusurvey/runner/limaps-beta has been replaced by the https://ec.europa.eu/eusurvey/runner/LIMAPS_v_1_0_0 |
| Updated LIMAPS items | Some items from version LIMAPS 1.0.0 beta were highly complex and according to the expert reviews, their terminology and language needed to be simplified. The project team has updated the language and the terminology of all LIMAPS 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. In addition, the following items have been added to LIMAPS version 1.0.0: |

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| | |
|---|---|
| | <ul style="list-style-type: none"> • Item D3: To what extent is the digital public service legally mandated to deliver data, information, knowledge in a machine-readable format? • Item D5: To what extent does the digital public service inform to the end users on the legal aspects that define the specifications of the delivered data, information, knowledge? • Item D6: To what extent does the digital public service request end-user’s consent prior to the delivery of data, information and knowledge? • Item D7: To what extent does the digital public service enable end-users to manage (i.e. revoke) consent to deliver data, information and knowledge? • Item D8: To what extent does the digital public service deliver data, information, knowledge from other consumed services? (e.g. address, geolocation data, personal data) • Item D9: To what extent does the digital public service provide user friendly explanations on the legal provisions concerning the data, information and knowledge delivered? • Item D10: To what extent does the digital public service provide tracing and logging mechanisms to allow a secure delivery of data, information and knowledge towards its end users? • Item C3: To what extent is the digital public service legally mandated to consume data, information and knowledge in a machine-readable format? |
| <p>Applicability</p> | <p>Based on the feedback from the expert reviews, the option ‘Not applicable’ should be included in the options of all LIMAPS items. As such, the project team added the ‘Not applicable’ option to all LIMAPS 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.</p> |
| <p>Scoring model</p> | <p>The existing scoring model of LIMAPS version 1.0.0 beta is maintained meaning that the sections Data, information and knowledge delivered/consumed, Service Delivery/Consumption Enablers and Service Delivery/Consumption Manifestations have 40%, 40% and 20% respective weights across the whole questionnaire. However, the score per item has changed due to the items added and removed, but also due to the addition of the “N/A” option to all LIMAPS items.</p> |
| <p>Previous contract change requests</p> | <p>All Change Requests (CRs) based on JIRA tickets collected during the previous contract, have been included in the LIMAPS version 1.0.0.</p> |
| <p>Version 1.0.0 beta</p> | |
| | |

2.3 [LIMAPS v1.0.0 Publication on Joinup](#)

The public web page (<https://joinup.ec.europa.eu/collection/imaps-interopability-maturity-assessment-public-service/solution/limaps/about>) describing LIMAPS version 1.0.0.

Table 3: Changes in Joinup

| Modification | Details |
|---|---|
| Version 1.0.0 | |
| Updated conceptual model of LIMAPS | <p>Updates have been applied to the LIMAPS conceptual model. These updates include:</p> <ul style="list-style-type: none"> Added the ‘Service Identification’ section (A) annotating the scope of the digital public service <p>The updated conceptual model is illustrated in the ‘Introduction’ section of the online LIMAPS survey.</p> |
| LIMAPS URL at the EU Survey portal | <p>The version 1.0.0 https://ec.europa.eu/eusurvey/runner/limaps-beta has been replaced by the https://ec.europa.eu/eusurvey/runner/LIMAPS_v_1_0_0</p> |
| LIMAPS Release components | <p>The version 1.0.0 includes the following release components:</p> <ul style="list-style-type: none"> LIMAPS v1.0.0 EU Survey portal LIMAPS v1.0.0 User Guide; LIMAPS v1.0.0 Publication on Joinup; LIMAPS v1.0.0 Value proposition; LIMAPS v1.0.0 Release package; ISA product license. |
| Version 1.0.0 beta | |
| | |

2.4 [LIMAPS v1.0.0 Value Proposition](#)

A PDF document, which provides the value proposition of LIMAPS v1.0.0.

Table 4: Changes in LIMAPS value proposition

| Modification | Details |
|---|---|
| Version 1.0.0 | |
| Updated conceptual model of LIMAPS | <p>Updates have been applied to the LIMAPS conceptual model. These updates include:</p> <ul style="list-style-type: none"> Added the ‘Service Identification’ section (A) annotating the scope of the digital public service <p>The updated conceptual model is illustrated in the ‘Introduction’ section of the online LIMAPS survey.</p> |
| LIMAPS URL at the EU Survey portal | <p>The version 1.0.0 https://ec.europa.eu/eusurvey/runner/limaps-beta has been replaced by the https://ec.europa.eu/eusurvey/runner/LIMAPS_v_1_0_0</p> |
| Updated layout | <p>The layout of the LIMAPS 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:</p> <ul style="list-style-type: none"> <i>What is LIMAPS:</i> describes the logic of the LIMAPS survey <i>What is in for you:</i> describes the benefits for the users by using LIMAPS <i>For whom is LIMAPS relevant:</i> describes the target users (profiles) of the users that should take the LIMAPS assessment <i>LIMAPS conceptual model & structure:</i> describes the LIMAPS conceptual model and its structure <i>Digital Public Service Components:</i> describes the three different service areas i.e. Service Identification, Service Delivery and Service Consumption that the LIMAPS assessment captures |
| Version 1.0.0 beta | |
| | |

2.5 [ISA Product License v1.3](#)

The license under which the LIMAPS v1.0.0 is released.

Table 5: Changes in LIMAPS release

| Modification | Details |
|--------------------|---------|
| Version 1.0.0 | |
| | |
| Version 1.0.0 beta | |
| | |

2.6 [LIMAPS v1.0.0 Release](#)

An archive containing each of the above mentioned files.

Table 6: Changes in LIMAPS release

| Modification | Details |
|--|--|
| Version 1.0.0 | |
| Release package of all release components – LIMAPS v1.0.0 | The version 1.0.0 includes the following release components: <ul style="list-style-type: none"> LIMAPS v1.0.0 User Guide; LIMAPS v1.0.0 Value proposition; LIMAPS v1.0.0 Release notes; ISA product license. |
| Version 1.0.0 beta | |
| | |