

European Student Card Initiative – ESCI

Product Plan and Roadmap 2024-2025

17.07.2024 - version 1.2

ESCI Roadmap 2024-2025

Disclaimer: *This document contains a tentative plan designed to provide guidance to stakeholders on planned activities. It will almost certainly change. This document is a best-effort and should not be considered commitment to a particular activity or schedule. The document will be regularly updated. Any changes to this plan will be widely communicated through the different EWP governance bodies.*

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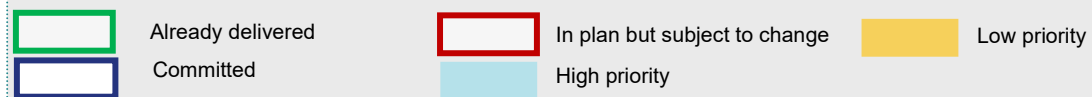
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ESCI – High level Roadmap

Legend



IIA

1Q24

2Q24

3Q24

4Q24

Switch to IIA 7 and initial adoption

Content included:

- ✓ Mobilities per year required
- ✓ Recommended language skills required
- ✓ Four-digit ISCED codes
- ✓ Terminate/modify agreement
- ✓ Delete agreement
- ✓ Total number of months/days for student/staff mobility optional
- ✓ Wrongly mapped IIAs
- ✓ List of academic years replaced by start-end years
- ✓ PDF file sent as identifier
- ✓ Unique URLs + certificates vs hei_id parameters
- ✓ Notifying partners about changes in factsheet/institutions/ou nits
- ✓ IIA major version change impact on CC hash and re-approval of IIAs
- ✓ Other changes in IIAs
- ✓ Correction – SHOULD is replaced by MUST
- ✓ Other changes in IIAs - Change in the namespace
- ✓ Merging changes from stable v6 to stable v7
- ✓ Other changes – RELEASED in 0.5.1 of the Mobility Flowcharts-

IIA 7 – Monitoring and Optimisation

- ✓ Continue monitoring API usage and performance across external Providers/HEIs
- ✓ Collect feedback from adopters and address any immediate issues
- ✓ Continue to offer comprehensive support, testing sessions for all Network Providers
- ✓ Ensure that the majority of HEIs are operational with the new API
- ✓ Provide additional support to those facing challenge

Continue full-scale IIA7 implementation

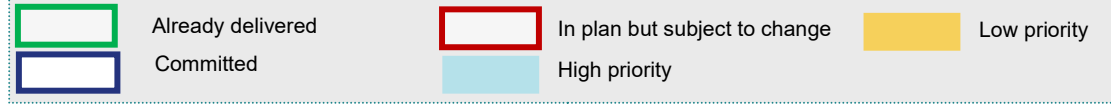
- ✓ Continue rollout to all remaining HEIs that have not yet implemented / adopted the IIA7 API
- ✓ Provide targeted support to late implementers / adopters
- ✓ Address technical issues promptly and provide ongoing support
- ✓ Add clarifications whenever needed to IIA MBRs
- ✓ Monitor ongoing adoption and usage of the API

Full implementation / adoption IIA7

- ✓ Aim to have all Network Providers / HEIs fully onboarded and using the new IIA7 API
- ✓ Continue rollout to all remaining HEIs that have not yet implemented / adopted the IIA7 API
- ✓ Provide targeted support to late implementers / adopters
- ✓ Address technical issues promptly and provide ongoing support
- ✓ Add clarifications whenever needed to IIA MBRs
- ✓ Monitor ongoing adoption and usage of the API

ESCI – High level Roadmap

Legend



IIA

1Q25

2Q25

3Q25

4Q25

Evaluation IIA API

- ✓ Evaluate the overall implementation / adoption rate
- ✓ **Evaluate external Providers satisfaction (optional)**
- ✓ Compile a comprehensive report on the IIA rollout process and outcomes
- ✓ Identify areas for IIA API improvement
- ✓ Share evaluation results with stakeholders and plan for ongoing support

- ✓ Identify possible gaps in the current design and implementation of the IIA workflow, prepare a change release plan and analyse the impact with the EWP external system Providers
- ✓ Plan updates / upgrades based on identified areas for improvement

Maintenance and continuous improvement

- ✓ Regular maintenance
- ✓ Engagement on the GitHub community of practice for continuous improvement and support

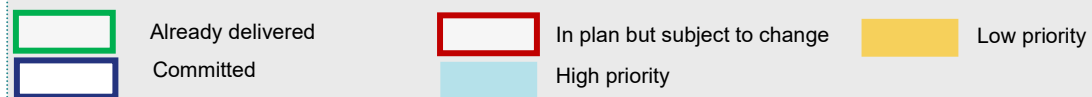
- ✓ IIA workflow updates / upgrades based on evaluation feedback
- ✓ Introduction of latest available technologies to revamp the implementation of the IIA workflow

- ✓ Beta testing of a new modern IIA workflow
- ✓ Conformance testing for the IIA workflow

- ✓ Ensure long-term sustainability and support for the IIA API

ESCI – High level Roadmap

Legend



1Q24

2Q24

3Q24

4Q24

LA

Assessment LA digitalisation level

- ✓ Prepare and share assessment of LA digitalisation levels (country fiches) with DOs from National Agencies
- ✓ Identify HEIs / external system providers struggling with LA implementation / adoption and offer targeted support

LA support and issue resolution

- ✓ Work with the external system providers from low-adoption HEIs to understand barriers and provide customised support
- ✓ Collaborate with external system providers to continue addressing technical issues and questions, ensuring alignment with LA tech specs
- ✓ Engagement on the GitHub community of practice for continuous improvement and support
- ✓ Add clarifications whenever needed to LA MBRs

LA – Monitoring and optimisation

- ✓ Continue solving technical issues and ensuring EWP systems align with the existing LA specs
- ✓ Offer advanced support for the EWP external system providers needing additional help
- ✓ Ensure all remaining technical issues/questions are documented and resolved
- ✓ Provide workshop(s) focused on best practices for LA API implementation, with participation from external system providers
- ✓ Add clarifications whenever needed to LA MBRs

Final push and preparation for Evaluation

- ✓ Intensify support efforts to ensure all EWP HEIs are fully adopting digital LAs.
- ✓ Organise an additional virtual LA workshop for external system providers to address any pending challenges

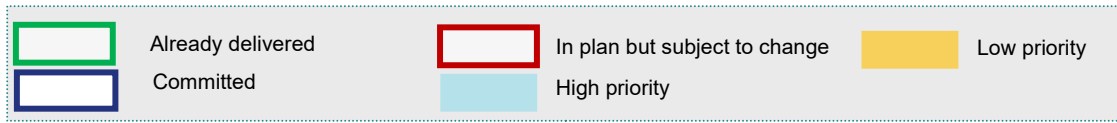
ESI

ESI enforcement

- ✓ Support for correct implementation of the European Student Identifier (ESI) at HEI level

ESCI – High level Roadmap

Legend



1Q25

2Q25

3Q25

4Q25

LA

LA Adoption evaluation

- ✓ Evaluate the overall adoption rate by preparing and sharing an updated assessment of LA digitalization levels (country fiches) with DOs from National Agencies
- ✓ Compare trends, evolution and peaks with the previous report prepared in Q1 2024
- ✓ Identify areas for LA improvement and plan updates/upgrades, in collaboration with external system providers

- ✓ Identify possible gaps in the current design and implementation of the LA workflow, prepare a change release plan and analyse the impact with the EWP external system Providers
- ✓ Compile feedback from EWP Champions and BPOs to finalize LA improvements planning
- ✓ Plan updates / upgrades based on identified areas for improvement

Maintenance and continuous improvement

- ✓ Regular maintenance
- ✓ Engagement on the GitHub community of practice for continuous improvement and support

- ✓ LA workflow updates / upgrades based on evaluation feedback
- ✓ Introduction of latest available technologies to revamp the implementation of the LA workflow,

- ✓ Beta testing of a new modern LA workflow
- ✓ Conformance testing for the LA workflow

- ✓ Ensure long-term sustainability and support for the LA API

ESI

ESI enforcement

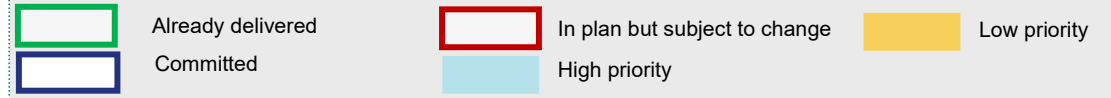
- ✓ Support for correct implementation and adoption of the European Student Identifier (ESI) at HEI level



European Commission

ESCI – High level Roadmap

Legend



1Q24

2Q24

3Q24

4Q24

Nomination and ToR

Validate and refine ToR and Nom business requirements

- ✓ Validate mandatory business requirements based on consultations
- ✓ Update documentation and share with all stakeholders for further consultation.

Draft ToR and Nom API specifications

- ✓ Begin refining the draft API specifications based on the validated business requirements.
- ✓ Provide initial drafts for consultation and feedback
- ✓ Add any necessary updates or clarifications to MBRs based on IF feedback. When required, bring issues to the BPO-SEG for further consultations

Refine Nom/ToR business and technical specifications

- ✓ Address feedback from governance stakeholders (BPO) to ensure ToR and Nom technical specifications reflect desired processes.
- ✓ Continue supporting functionalities in the early release phase and provide regular updates

ESI

ESI enforcement

- ✓ Support for correct implementation of the European Student Identifier (ESI) at HEI level

ESCI – High level Roadmap

Legend

	Already delivered		In plan but subject to change		Low priority
	Committed		High priority		

1Q25

2Q25

3Q25

4Q25

Nomination and ToR

ToR and Nom API – technical alignment

- ✓ Conduct in-depth technical consultations to ensure alignment on all technical aspects
- ✓ Prepare for potential changes in the existing API

API change preparations

- ✓ Engage with external system providers to discuss potential impacts and gather input
- ✓ Ensure all technical specifications accurately reflect the BPOs' desired processes
- ✓ Provide workshop(s) focused on best practices for Nom and ToR API implementation, with participation from external system providers

Final preparations and workshops

- ✓ Conduct workshops to ensure all stakeholders are prepared for changes

Testing

- ✓ Conduct beta testing with a select group of users to ensure stability and usability
- ✓ Plan a phased rollout strategy for 2026

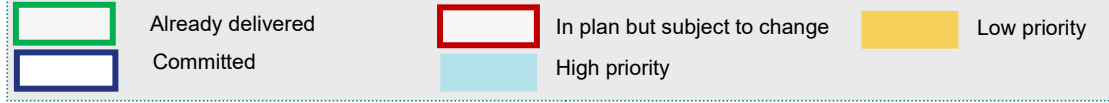
ESI

ESI enforcement

- ✓ Support for correct implementation of the European Student Identifier (ESI) at HEI level

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4Q25

Conformance testing - CT

Develop and deploy CT

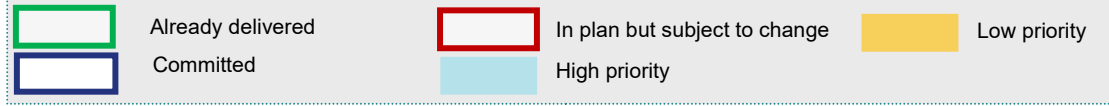
✓ Develop and deploy Conformance Testing: using the preexisting test bed developed by DIGIT to ensure compliance and interoperability

Maintenance and continuous improvement

✓ Regular maintenance and updates for the conformance testing tool

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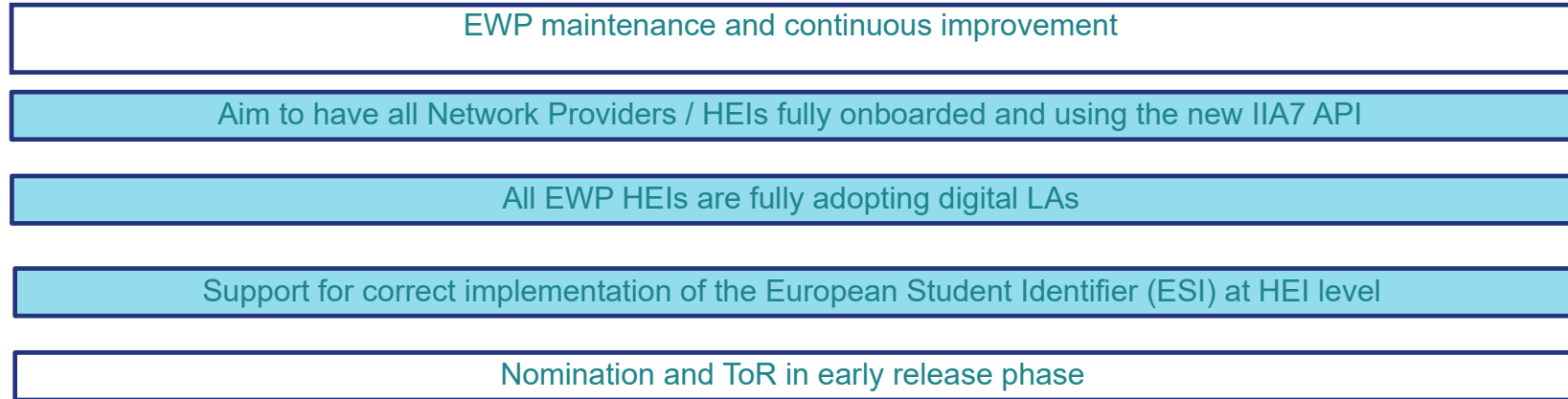
1Q24

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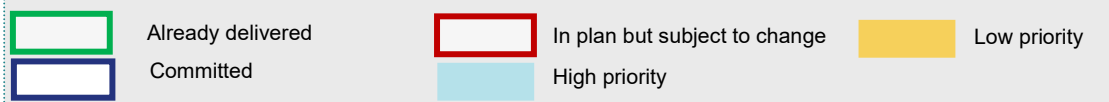
4Q24

ESCI



ESCI – High level Roadmap

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ESCI

