

D3.2b Integration Roadmap

Citation for published version (APA):

Viñuales, J., Ternier, S., Driesner, J., El-Schallah, A., Tomasini, A., Loozen, K., Rocio, V., & Bohuschke, F. (2014). *D3.2b Integration Roadmap*.

Document status and date:

Published: 30/04/2014

Document Version:

Peer reviewed version

Document license:

CC BY

Please check the document version of this publication:

- A submitted manuscript is the version of the article upon submission and before peer-review. There can be important differences between the submitted version and the official published version of record. People interested in the research are advised to contact the author for the final version of the publication, or visit the DOI to the publisher's website.
- The final author version and the galley proof are versions of the publication after peer review.
- The final published version features the final layout of the paper including the volume, issue and page numbers.

[Link to publication](#)

General rights

Copyright and moral rights for the publications made accessible in the public portal are retained by the authors and/or other copyright owners and it is a condition of accessing publications that users recognise and abide by the legal requirements associated with these rights.

- Users may download and print one copy of any publication from the public portal for the purpose of private study or research.
- You may not further distribute the material or use it for any profit-making activity or commercial gain
- You may freely distribute the URL identifying the publication in the public portal.

If the publication is distributed under the terms of Article 25fa of the Dutch Copyright Act, indicated by the "Taverne" license above, please follow below link for the End User Agreement:

<https://www.ou.nl/taverne-agreement>

Take down policy

If you believe that this document breaches copyright please contact us at:

pure-support@ou.nl

providing details and we will investigate your claim.

Downloaded from <https://research.ou.nl/> on date: 19 Nov. 2022

Open Universiteit
www.ou.nl





Elearning, Communication and Open-data: Massive Mobile, Ubiquitous and Open Learning

Deliverable Title	D3.2b Integration Roadmap
Deliverable Lead:	GEO
Related Work package:	WP3
Author(s):	Javier Viñuales (GEO), Stefaan Ternier (OUNL), Jorge Driesner (TLS), Aladdin El-Schallah (HUM), Alessandra Tomasini (POLIMI), Kjeld Loozen (REIMERIT), Vitor Rocio (UAB), Felix Bohuschke (HUM)
Dissemination level:	Public (PU)
Due submission date:	30 April 2014
Actual submission:	30 April 2014

Abstract	The objective of this document is to expose the sequence of steps in time (roadmap) for the integration of the different elements that form the architecture of ECO
Keywords	roadmap, integration

 <small>Co-funded by the European Union</small>	<i>Project funded by ICT Policy Support Programme as part of the Competitiveness and Innovation framework Programme (CIP)</i>
--	---

Disclaimer

This document has been produced in the context of the ECO Project, which has received funding from the European Community's CIP Programme under grant agreement n° 621127.

This document contains material, which is the copyright of certain ECO consortium parties, and may not be reproduced or copied without permission.

*In case of **Public (PU)**:*

All ECO consortium parties have agreed to full publication of this document.

*In case of **Restricted to Programme (PP)**:*

All ECO consortium parties have agreed to make this document available on request to other framework programme participants.

*In case of **Restricted to Group (RE)**:*

All ECO consortium parties have agreed to full publication of this document. However this document is written for being used by <organization / other project / company etc.> as <a contribution to standardization / material for consideration in product development etc.>.

*In case of **Consortium confidential (CO)**:*

The information contained in this document is the proprietary confidential information of the ECO consortium and may not be disclosed except in accordance with the consortium agreement.

The commercial use of any information contained in this document may require a license from the proprietor of that information.

Neither the ECO consortium as a whole, nor a certain party of the ECO consortium, warrant that the information contained in this document is capable of use, or that use of the information is free from risk, and accept no liability for loss or damage suffered by any person using this information.

The user thereof uses the information at its sole risk and liability. For the avoidance of all doubts, the European Commission has no liability in respect of this document, which is merely representing the authors view.

Versioning and Contribution History

Version	Date	Main modification or revision	Contributions by
v.0.1	10-03-2014	First version proposed by UNED	UNED, REIMERIT, OUNL
v.0.2	16-04-2014	Second version integrating modifications and suggestions from partners	UNED, REIMERIT, OUNL
v 1.0	30-04-2014	Final consolidated version submitted to the EC	UNED, REIMERIT, OUNL
V1.1	12-02-2015	Improved version: Better readability,	REIMERIT, GEO, UNED, HUM

Main contributors to the document:

Partner	Contributors
GEO	Javier Viñuales
REIMERIT	Kjeld Loozen
TLS	Jorge Driesner
HUM	Felix Bohuschke
OUNL	Stefaan Ternier
POLIMI	Alessandra Tomasini

Reviewers to the document:

Partner
UNED, UoMAN, UNIZAR

Executive summary

The objective of this document is to expose the roadmap for the integration of the different elements that form the architecture of ECO.



Table of contents

Roadmap at a glance

Roadmap in detail

M6 (31.07.2014)

M9 (31.10.2014)

M12 (31.01.2015)

M15 (30.04.2015)

M18 (31.07.2015)

M21 (31.10.2015)

M24 (31.01.2016)

M27 (30.04.2016)

M30 (31.07.2016)

M33 (31.10.2016)

OpenMOOC

WeMOOC

Polimi edX (POK)

iMOOC

LogiAssist

Roadmap at a glance

Based on the DOW the following important dates can be identified:

Iteration	Date	Brief description
1	M2 30.3.2014	Technical specification of ECO modules
2	M4 31.05.2014	ECO Platform architecture design
3	M6 31.07.2014	ECO Platform v0.1 - Basic prototype, single-sign-on
4	M9 31.10.2014	ECO Platform v0.2 - Enroll and browse all the courses offered - Pilots 1
5	M12 31.01.2015	ECO Platform v0.3 Accumulated progress - Pilots 2
6	M15 30.04.2015	ECO Platform v0.4 - FB, Twitter and LinkedIn share, Sharable Achievements - Pilots 3
7	M18 31.07.2015	ECO Platform v0.5 - Federated access & fine tuning - Open courses
8	M21 31.10.2015	ECO Platform v0.6 - Federated access & fine tuning
9	M24 31.01.2016	ECO Platform v0.7 - Federated access & fine tuning
10	M27 30.04.2016	ECO Platform v0.8 - Federated access & fine tuning
11	M30 31.07.2016	ECO Platform v0.9 - Federated access & fine tuning
12	M33 31.10.2016	ECO Platform v1.0 - Federated access & fine tuning

Roadmap in detail

M6 (31.07.2014)

- First ECO Platform prototype.
- Single Sign on: A user registers on the ECO portal and doesn't have to register again on a connected MOOC platform.

M9 (31.10.2014)

- Integrated ECO Twitter/news feeds: The ECO project delivers twitter (and news?) feeds regarding the ECO project. The content of these streams will also be visible in the ECO portal .
- Integrated ECO events feeds: The ECO project delivers a event calendar regarding events that are ECO -related. The content of these streams will also be visible in the ECO portal.
- Enroll on a specific course: The user can use the webapp as an access point to start up the MOOC platform's user interface. Depending on that platform, a web mobile browser is started (OpenMOOC, WeMOOC, Open edX, iMOOC, Logi Assist) or a mobile app is started (arLearn). Log in is not necessary, ECO handles that.
- Accumulated course overview: On the ECO portal, the user can browse all courses offered by the connected MOOC platforms.

M12 (31.01.2015)

- Accumulated progress overview: The user's progress on a specific course is listed on your ECO-profile.

M15 (30.04.2015)

- Share your ECO-profile: Show what you're doing and what you have achieved on ECO on popular social platforms (Facebook, Twitter, LinkedIn). The level of exposure to these platforms is manageable by the user.
- Accumulated achievements overview: All achievements earned in the connected MOOC platforms are listed on the user's ECO-profile. WP3 will investigate the integration of standards like Mozilla OpenBadges in order to offer a widely supported and recognized standard of recognizing and verifying learning.

M18 (31.07.2015)

- Federated access implementation rc1.
 - Start point OAI-PMH interfaces on the ECO platform are the existing (minimal) OAI-PMH implementations on all ECO MOOC platforms
 - ECO federated search. The ECO portal now only displays MOOCs harvested from the ECO partners. This components will be further extended to allow from harvesting external MOOC platforms. Guidelines and the ECO metadata application profile will published to allow for smooth integration of third-party MOOCs.
- Fine tuning with input from the hubs and ECO portal.

M21 (31.10.2015)

- Federated access implementation rc2.
- Fine tuning with input from the hubs and ECO portal.

M24 (31.01.2016)

- Federated access implementation rc3.
- Fine tuning with input from the hubs and ECO portal.

M27 (30.04.2016)

- Federated access implementation rc4.
- Fine tuning with input from the hubs and ECO portal.

M30 (31.07.2016)

- Federated access implementation rc5.
- Fine tuning with input from the hubs and ECO portal.

M33 (31.10.2016)

- Federated access implementation.
- Fine tuning with input from the hubs and ECO portal.
- ECO Platform v1.0.