

# D3.2b Integration Roadmap

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

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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

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### 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

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## 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.



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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.