



ENCORE Newsletter January 2023

ENCORE is an innovative project that brings together cutting-edge data-driven techniques, and a qualitative pedagogical approach to foster the use of OERs and existing taxonomy of skills- ESCO to produce resources for teachers

Dear colleague,

Welcome to our newsletter, directed to all colleagues interested in the ENCORE project. Our purpose is to let you know what has been happening in the different areas of work and to inform you on what project activities are coming up so that you can share them with colleagues and other interested contacts.

#OER_ENCORE

[ENCORE website](#)

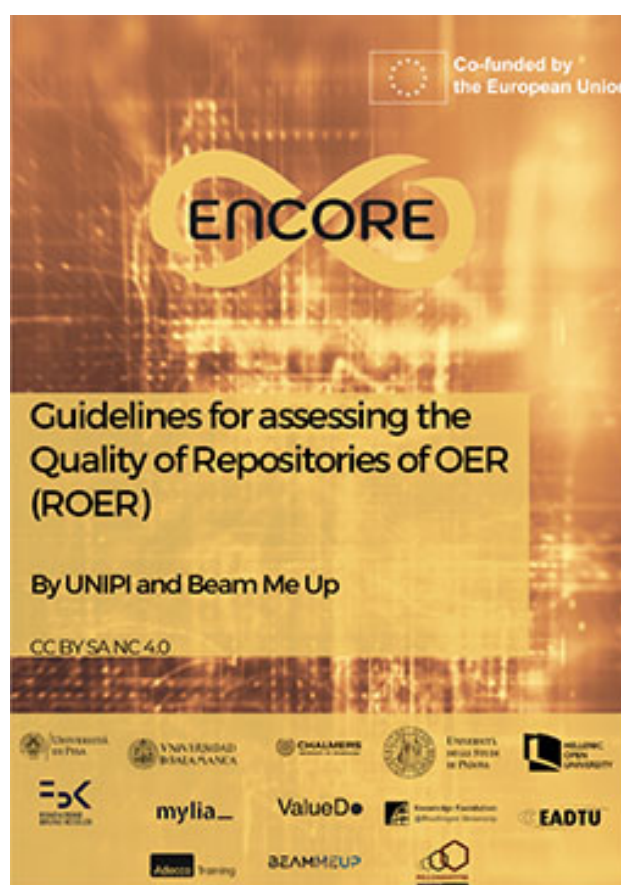
WHAT HAS BEEN HAPPENING IN THE PROJECT?

The Guidelines for assessing the Quality of Repositories of OER is NOW AVAILABLE!

Beam Me Up (BMU) has designed and realized the framework, using a downstream approach: this means collecting as many OERs as possible from the available sources, skimming them following the method described in the current document, and finally obtaining an overall evaluation of the ROER obtained. Thus, the quality of a ROER is defined by the quality of OERs contained. Starting from the literature review, BMU has determined two possible evaluation methods of OERs: a direct one, which determines the OER quality by analysing its content using qualitative guidelines, and an indirect one, which determines the quality of the OER analysing the quality of connected metadata, using a quantitative automatic method.

The following document contains all the steps followed to realize the automatic method. The method for the indirect evaluation could be used to automatically evaluate a large number of OERs; the manual method, for the direct evaluation, could be used to precisely evaluate a sample or a specific subset of OERs that requires much attention.

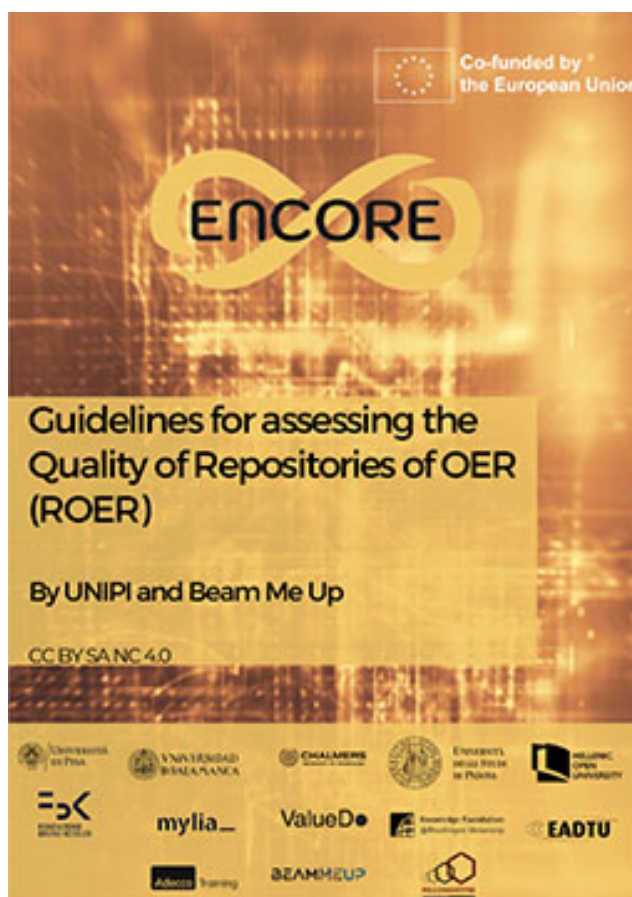
Read the article [here](#)



The methodological note: Unwrapping green, digital and entrepreneurial (GDE) skills is NOW AVAILABLE

This report presents the work done for listing the green, digital, and entrepreneurial (GDE) skills and knowledge. We decided to start the project with a task able to guide the scope of the rest of the project: defining the most important GDE skills. The goal is to measure the relevance of GDE skills, to link this information to the Open Educational Resources we will collect. Educators and students will be able to have a quantitative and multi-perspective (science, companies, and job market) view on the importance of the skills they want to teach/learn. Given the variety and the different characteristics of each group of skills, we follow a two-step approach, related to “Categorising ESCO skills on GDE skills” and “Enhancement and revision of the identified skills by the companies”. Also, given the limited time frame to perform this preparatory task (5 months), we adopted data-driven approaches, previously developed by the research group of the University of Pisa.

Read the article [here](#)



A new associated partner in ENCORE: All Digital

We are excited to announce that All Digital has joined the ENCORE project as an associated partner. All Digital is a leading pan-European association based in Brussels, representing member organizations across Europe that work with 25,000 digital competence centers.

Their focus is to support Europeans with insufficient digital skills, as a lack of these skills can hinder individuals' ability to find work, access online services, and fully participate in today's society.

We are thrilled to have All Digital's expertise and experience on board as we work towards our shared goal of promoting digital skills and supporting digital education with the ENCORE tools.

Website: <https://all-digital.org/about-us/>



The first ENCORE webinar was a success!

The first ENCORE webinar "Mapping the skills of the future: Artificial Intelligence and Human Expertise to Foresee Green, Digital and Entrepreneurial Skill" held on Wednesday the 11th of January 2023 was a huge success! In total 126 people registered for the event and in total we had 86 unique users present.

In this webinar Vito Giordano presented the adopted data-driven approach, developed in the frame of the ENCORE project, which combines artificial intelligence and human expertise, to identify Green, Digital, and Entrepreneurial skills.

We thank everyone who joined this first webinar and we hope to see you at the next ones!

Find more information [here](#)



WEBINAR

AI MAPPING THE SKILLS OF THE FUTURE:
ARTIFICIAL INTELLIGENCE AND HUMAN EXPERTISE TO FORESEE
GREEN, DIGITAL AND ENTREPRENEURIAL SKILL

INFORMATION:

- ONLINE
- 11 JANUARY 2023
- 10.00 - 11.30 CET

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UPCOMING EVENTS

14/02/2023 join us for our next webinar: Put the OERs in one place, we tell you how!

Open Educational Resources (OERs) are gaining popularity as a means for educators to give their students access to high-quality, economical educational materials. These resources can encourage sharing information throughout the educational community while also helping lower the cost of education for both students and teachers.

In this context, the ENCORE project seeks, among other goals, to assist students and workers in acquiring the skills necessary to deal with economic, ecological, and technological challenges as well as to address the skills gap between the supply of educational institutions and the demand of employers and assist educators in staying abreast of the constantly changing landscape of skills. One of the first steps to reach the project's goals is to build a database that contains quality OERs linked to green, digital, and entrepreneurial (GDE) skills.

In this talk, Andrea Vázquez-Ingelmo will detail the workflow and techniques followed in tackling the extraction of OERs from different repositories and their integration into an open database.

This webinar addresses the problems related to the heterogeneity of OER sources through a domain engineering point of view and provides a primer on web scraping with Python, offering useful tips based on the ENCORE project experience. Anyone interested in Open Educational Resources and data management is welcome, as the main concepts discussed are independent of technical details. However, some web scraping tips are more focused on people with a background in programming.

WEBINAR
**PUT THE OERS IN ONE PLACE,
WE TELL YOU HOW**

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INFORMATION:

- **ONLINE**
- **14 FEBRUARI 2023**
- **10.00 - 11.30 CET**

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 <https://project-encore.eu/>

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[Register here](#)

Click [here](#) for more information

Second transnational meeting ENCORE in Salamanca

In February 2023 all ENCORE partners are coming together for their second transnational meeting to discuss the upcoming activities and plan the next steps in the ENCORE project.

The 2023 ENCORE consortium meeting will be held at the University in Salamanca, Spain on the 23rd and 24th of February.

Partners will meet in sessions at the Sala de Grados, on the Science Faculty of the university's historic campus to examine the different aspects of ENriching Circular use of OER for Education.

The aim of this consortium meeting is to provide partners with the opportunity to meet, share, and discuss developments of the project and the latest results and plan future actions.



#OER_ENCORE

CONTACTS

Project coordinator: [Filippo Chiarello](#), University of Pisa (UniPi)

Dissemination team: [Beau Nijsten](#) and [Alessandra Antonaci](#), European Association of Distance Teaching Universities (EADTU)



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The project is Funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or the European Education and Culture Executive Agency (EACEA). Neither the European Union nor EACEA can be held responsible for them.

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