



OERCO2

ONLINE EDUCATIONAL RESOURCE FOR INNOVATIVE STUDY OF CONSTRUCTION MATERIALS LIFE CYCLE

INTELLECTUAL OUTPUT 2. OER (ONLINE EDUCATIONAL RESOURCE)

TASK IO 2.2 TESTING OF THE OER









HERRAMIENTA DE CO2

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Universitatea Transilvania din Brașov









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1. INTRODUCTION

This report will summarise the activities carried out for the implementation of the task O2/A2. Testing of the OER included in the Intellectual Output 2 "OER (Open Educational Resource)" of the OERCO2 Project.

One of the main lines of action on which the OERCO2 project is based is the development of the Online Educational Resource, conceived as a platform for free access on the Internet to be used as a base material for calculating the ecological or carbon footprint in the execution of buildings. Through the OER, all the information gathered in the project is accessible, providing more didactic information for the self-learning of the object methodologies.

Intellectual Output 2 is composed of three main tasks consisting of A1. Production of the OER, A.2 Testing of the OER and A3. Implementation of courses on specialization based on the OERCO2 project.

This report focuses on testing the information contained in the platform and verifying that access is possible for everyone who has the Internet. To do this, the evaluation is based on criteria of quality, pedagogical scope and location and correction of possible errors in the development of the same.

In the following sections, it will detail the process followed until reaching the latest version of the OER, that is available on the OERCO2 project website:



http://oerco2.eu/





2. CONCEPT

OERCO2 intends not just to raise awareness, but also to make all entities involved in the construction sector conscious about CO2 emission, from the extraction of raw materials to manufacture materials of construction to the demolition works or deconstruction of buildings, that is, taking into account the life cycle of materials and construction processes.

To achieve the objectives of the project, the online educational resource for innovative study of construction materials life cycle OERCO2 has been developed as a means of information support.

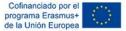
The first step in the development of the OER was the completion of a first version to the task O2/A1. Production of the OER, which during its execution, has coexisted with tasks A2 and A3, which have been feedback to implement the appropriate improvements.

In order to achieve an OER platform of the required quality is necessary, the task that is the subject of this report, O2/A2. Testing of the OER, based on the testing and validation of the online platform.

All the information gathered in the OER has been collected by the partners, based on an exhaustive study of the environmental regulations in all the sectors involved in construction in Europe and for each of the member countries of the consortium, as well as the study of the Environmental Product Declarations (EPDs) of the participating countries.

All the work of study and information gathering was carried out in IO1, and all the material collected is the material basis of the OER to be tested in this task.







HOME PROJECT REPORTS OER CO2 TOOL PRESS AND EVENTS CONTACT **ﷺ** English ▼



OER Direct Access

Name and description	Uploaded by	Language available	Date	REGULATIONS
Report 1.1.1. SPANISH regulations_EN-ES	USE		2017/06/01	SURVEYS
Compilation of regulations about environmen	ntal <mark>aspects in co</mark>	nstruction sector in Spain		EPD
Report 1.1.1. ITALIAN regulations_EN-IT	CERTIMAC		2017/06/01	TECHNICAL DOCUMENT
Compilation of regulations about environmen	ompilation of regulations about environmental aspects in construction sector in Italy		DISSEMINATION	
Report 1.1.1. PORTUGUESE regulations_EN-PT	CTCV		2017/06/01	

Figure 1. Compilation of regulations in the OER







HOME PROJECT REPORTS OER CO2 TOOL PRESS AND EVENTS CONTACT ∰ English ▼



OER Direct Access



Figure 2. Report on EPD (Environmental Product Declarations)





3. QUALITY OF THE INFORMATION AND EDUCATIONAL SCOPE

OER has emerged as a concept with great potential to support educational transformation. Its educational value lies in the idea of using resources as a comprehensive method of communicating curricula in educational courses (i.e., resource-based learning), its transformative power lies in the ease with which these resources, once digitized, can be shared over the Internet¹.

In order to evaluate the quality and didactic scope of the OER platform, the following elements, among others, have been considered for the selection of the evaluation criteria:

- The research resources that support the educational resources.
- The educational design of teaching.
- The scope and sequence.
- Precision and adaptability.
- The possibilities for student participation.
- The effectiveness in learning and the results demonstrated by the students.

The testing and validation of the Online Educational Resource has been carried out based on quality, educational character and accessibility. To this end, the opinions of industry professionals and students have been taken into account after having used the platform.

The methodology used for testing the OER is as follows:

- Report on the quality of the information and educational scope. The educational scope of the material included in the OER has been analyses by carrying out a study on construction professionals without any knowledge of the calculation of CO2 emissions, in order to check whether the information provided is effective and if it is not, that the students indicate the weaknesses of the teaching that has been submitted. This task was carried out in the IO 2.3 Implementation of courses on specialization based on the OERCO2 project.
- Localization of possible errors and correction of them. Once the weak points of the
 information included in the OER were analysed, the improvements were reinforced and
 implemented, providing more information or changing the pedagogical methodology to
 ensure the desired effectiveness.

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¹ GLASSERMAN, L. D., RAMÍREZ, M. S. Uso de recursos educativos abiertos (REA) y objetos de aprendizaje (OA) en educación básica. Revista de teoría de la educación. Educación y Cultura en la Sociedad del Conocimiento, 15(2). 86-107.



- Report assessing the project OERCO2 online platform among professionals in the International Seminars of the project, mainly which was held in Romania by RoGBC.



Figure 3. International Seminar in Bucharest (Romania, 9th October 2017).





4. DEVELOPMENT OF THE OER

The Online Educational Resource (OER) is the result of a series of phases and processes that will be described in the following sections.

Once all the information had been collected, the initial draft of the OER was designed, and through the appropriate implementations and following a process of validation and testing in each of the phases, the final version was developed in compliance with the objectives of the project.

4.1 Draft

Firstly, it was worked a draft of the structure and analysed the possible interface of the OER, which was presented to the rest of partners in a conference call meeting:

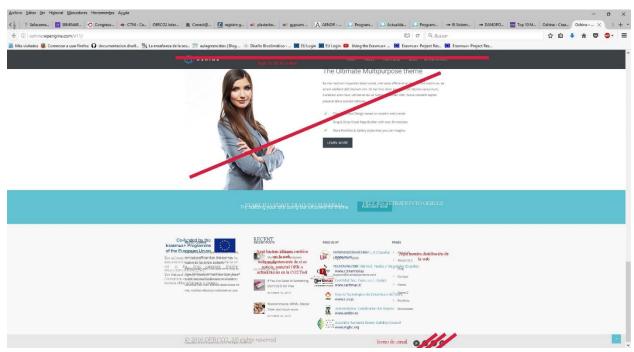


Figure 4





Based on it, a draft version of web page was presented in a conference call meeting (it was under construction):



Figure 5

In the first instance, the OER presented the following header:

HOME PROJECT METHODOLOGY OER CO2 TOOL CONTACT

Figure 6

And the following shortcuts:

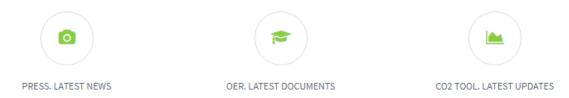
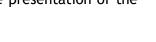


Figure 7



Co-funded by the

Erasmus+ Programme of the European Union



The second transnational meeting held in Faenza was the setting for the presentation of the concept draft of the OER.

PhD. David Caparrós (CTM), was in charge of presenting the OER draft at the meeting. Mr. Caparrós showed the partners how will be implemented the interface and structure of future content that was under construction at the time.

In testing this first phase of development of the OER, the opinion and assessment of the partners in the field who attended the seminar was used. To this end, surveys were provided to the partners so that they could reflect both the opinion of the OER model and the improvements needed to develop a product with the required quality. It can be checked in the Minutes of that meeting.







HOME PROJECT REPORT OF CO2 TOOL CONTACT



ONLINE EDUCATIONAL RESOURCE FOR INNOVATIVE STUDY OF CONSTRUCTION MATERIALS LIFE CYCLE







PRESS

Check the latest news

Online Resource Centre

CO2 TOOL

Tool for estimation of emissions of CO2



WHAT IS OERCO2?

OERCO2 intends not just to raise awareness, but also to make all entities involved in the construction sector conscious about CO2 emission, from the extraction of raw materials to manufacture materials of construction to the demolition works or deconstruction of buildings, that is, taking into account the life cycle of materials and construction processes.

















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HOME PROJECT REPORT OF CO2 TOOL CONTACT



The main idea of OERCO2 is to create an Open Educational Resource (OERCO2) where the calculations of CO2 emissions in each phase of the building are unified so that get an overall picture about footprint from the conception of it and decide on each variable of the construction.

The first step to manage and reduce CO2 emissions is calculate it, in order to know the importance of this environmental aspect and implementing measures to improving it. To obtain a better understanding of the impact and work on it, it is important to measure CO2 emissions from de design and conception of the building, and according to these measures, knowing the different possibilities of reduce the footprint, doing a building more

sustainable and lower-carbon.
It is indispensable to make aware of the emissions from the first phases of the project for taking early actions and choosing between the different materials, transports, constructive methods, use during the life of the building, deconstruction systems, reuse, etc., and examine how to contribute to increase or decrease the emissions of the building.

In order to contribute to overcome the situation described above, the specific objectives of OERCO2 are:

- Introduce the calculation of the CO2 emissions at all phases of the construction processes as well as concepts related to recycling and reuse.
 Increase the awareness about the climate change.
 Provide information about emissions of each element.

- Free access to OERCO2 to agents involved in the construction sector (students, AEC professionals, etc.).

PROMOTOR Universidad de Sevilla (Spain)

www.us.es

PARTNERS

Centro Tec. del Mármol, Piedra y Materiales (Spain) www.ctmarmol.es

CertiMaC Soc. Cons. a r. L. (Italy) www.certimac.it

Centro Tecnologico da Ceramica e do Vidro (Portugal) www.ctcv.pt

Universitatea Transilvania din Brasov (Romania)

Asociatia Romania Green Building Council (Romania) www.rogbc.org









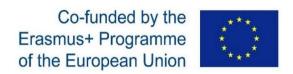


















Here you will find all OERCO2 documents on reports of the SHORT BY DATE THE NAME THE TYPE project O1/A1: Study of environmental regulations in all of the sectors involved related to construction and level of implementation in participant countries of the project. (now available!) O1/A2: Study of Environmental Product Declaration (EPD) of construction sector in participant countries. (now O1/A3: Study of methodologies applied in calculation of CO2 emissions in construction processes. (now available!) ${\tt O1/A4: Production of common European curricula on specialisation of methodology for calculation of {\tt CO2} emissions of construction works throughout the entire life cycle of buildings and techniques for its mitigation.}$ O2/A1: Production of the OER. (now available!) O2/A2: Testing of the OER. O2/A3: Implementation of a pilot course on specialisation based on the OERCO2 project. O3/A1: Production of the Online Tool for calculation of CO2 emissions in construction works. O3/A2: Testing of Interactive Tool.



























In this open-access platform, you can access to all the information collected during and beyond the end of the project, providing more information for self-learning educational field in the methodologies covered by the OERCO2 project.

You can create your account and have access to your private area in order to update information, it is totally free!

DIRECT ACCESS

PRIVATE AREA

















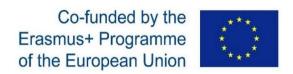
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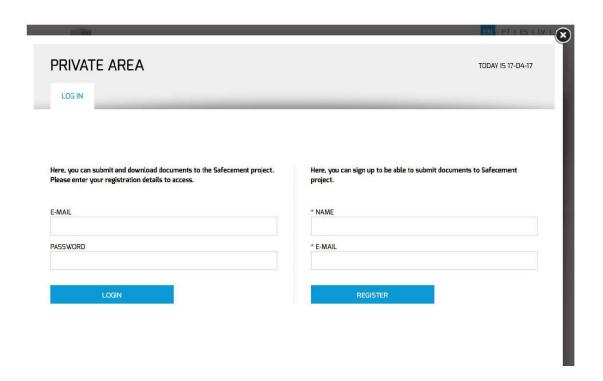
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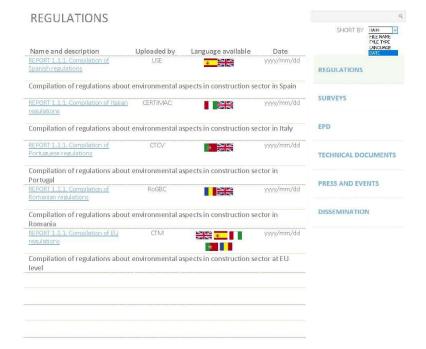




























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PRESS and EVENTS SHORT BY DATE Name and description Uploaded by Language available Date yyyy/mm/dd Æ. OERÇO2 EN EL COAMU SOBRE EL ANÁLISIS DEL CICLO DE VIDA DE LOS REGULATIONS SURVEYS El CTM ha presentado en Murcia el Proyecto OERCO2 en el Colegio Oficial de Arquitectos... EPD PICTURE TECHNICAL DOCUMENTS PRESS AND EVENTS DISSEMINATION **PICTURE**















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This tool can estimate the total emissions of the building due to their CO2 emissions and help in a didactic and intuitive understanding of calculation methodologies by the user.

UNDER CONSTRUCTION



























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4.2 First version of OER

The first version of the OER is the result of the improvements implemented, both by the consortium and by the external contributions of experts, professionals and students.

Presentation of the first version of the OER was carried out at the International Meeting in Bucharest:



ONLINE EDUCATIONAL RESOURCE FOR INNOVATIVE STUDY OF CONSTRUCTION MATERIALS LIFE CYCLE



Figure 8. "Home" of the website (1/2)

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WHAT IS OERCO2?

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Figure 9. "Home" of the website (2/2)

4.3 Evaluation mechanisms

The OER suffered several types of tests and evaluation methods:

- Internal tests. The project partners checked the correct operation of the OER, its content and structure, and detected a series of errors, that were corrected by the task coordinator with the validation of the other partners during conference call or transnational meetings of the project. At this point, also experts were consulted.
- External tests: During the project, numerous meetings were held between the project partners and international seminars were attended by professionals and teachers from the construction and environmental sectors. Also, courses was implemented in which the OER has been used as a support for teaching materials, which it can be checked in the report IO 2.3 Implementation of specific courses.

In order to know the opinions of those attending these events, different types of surveys were delivered depending on the type of event being held. These surveys and their results



are posted on the OERCO2 project website (http://oerco2.eu) (result of the seminars and other reports). The main aim of these surveys was to get feedback for the project and its products to improve them and making them more accessible to users.



Figure 10. Round table in International Seminar in Bucharest (Romania). 9th October 2018



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	PLEASI	E, HELP US TO IM	PROVE!		
Project: OERCO2. ONLINE	Project: OERCO2. ONLINE EDUCATIONAL RESOURCE FOR INNOVATIVE STUDY OF CONSTRUCTION MATERIALS LIFE CICLE 2016-1-ES01-KA203-025422				
		EVALUATION FORM			
INTERNATIONAL SEMINAR OF ONLINE EDUCATIONAL RESOURCE ORECO2 FOR REDUCTION OF CO2 IN THE CONSTRUCTION OF BUILDINGS. Bucharest (Romania). 9th October, 2017. Please fill in the following questionnaire with the answers you consider most appropriate					
	1. The main	purpose of the training day	was achieved		
Strongly disagree	Disagree	Partially agree	Agree	Strongly agree	
Your expectations regarding this training day were satisfied					
Strongly disagree	Disagree	Partially agree	Agree	Strongly agree	





3. How do you appreciate the project theme and purpose?					
Completely inadequate	Inadequate	Partially adequate	Adequate	Perfectly adequate	
4. How do you appreciate	4. How do you appreciate the quality and utility of the study of regulations and methodologies that has been developed in OERCO2?				
Completely inadequate	Inadequate	Partially adequate	Adequate	Perfectly adequate	
5. How d	o you appreciate the	e easyness of usage of the C	Online Educational R	esource?	
Very difficult	Difficult	Acceptable	Easy	Very easy	
6	. Is the layout of the	Online Educational Resource	ce attractive to users	?	
Strongly disagree	Disagree	Partially agree	Agree	Strongly agree	
7 1- 11	t of Online Educati	nel Decourse suitable ()		- restanciancia	
7. Is the conten	t of Online Educatio	nal Resource suitable for the	e construction sector	r professionals?	
Strongly disagree	Disagree	Partially agree	Agree	Strongly agree	
	8. Is the conte	nt of Online Educational Res	source enough?		
Strongly disagree	Disagree	Partially agree	Agree	Strongly agree	
9. How do you a	ppreciate the future	integration of the CO2 Tool	in the Online Educat	ional Resource?	
Completely inadequate	Inadequate	Partially adequate	Adequate	Perfectly adequate	
10. What leve	el of use do you thinl	the Online Educational Re	source can have at t	he university?	
Very weak	Weak	Moderate	Strong	Very strong	
11. How v	vould you rate the in	fluence of the project produc	cts in the construction	n sector?	
Very weak	Weak	Moderate	Strong	Very strong	
12. I	How would you rate	the atractiveness of the prod	lucts for the future us	sers?	
	Less attactive	Attractive	Very attractive		





Please present your opinion regarding the following issues
13. What do you particularly like about the OERCO2 project?
14. What improvements would you implement in the Online Educational Resource?
15. Which are in your opinion the positive and negative aspects of the project and its products?
PROFESSION*:
NAME (Optional information):

Figure 11. Example of survey in the International Seminar in Romania.

¡POR FAVOR, AYÚDANOS A MEJORAR! / PLEASE, HELP US IMPROVE!

Project: OERCO2. CENTRO DE RECURSOS ONLINE PARA EL ESTUDIO INNOVADOR DEL CICLO DE VIDA DE LOS MATERIALES DE CONSTRUCCIÓN / ONLINE EDUCATIONAL RESOURCE FOR INNOVATIVE STUDY OF CONSTRUCTION MATERIALS LIFE CICLE 2016-1-ES01-KA203-025422

FORMULARIO DE EVALUACIÓN / EVALUATION FORM

Seminario Internacional Final en Sevilla (España). 16 de mayo 2018 / Final International Seminar in Seville (Spain). 16th of May 2018

Por favor, rellene el siguiente cuestionario marcando las respuestas que considere más adecuadas / Please fill in the following questionnaire with the answers you consider most appropriate

Consortium members: Universidad de Sevilla (US), Asociación Empresarial de Investigación Centro Tecnológico del Mármol, Piedra y Materiales (CTM), CertiMaC Soc. Cons. a r. L. (CertiMaC), Centro Tecnologico da Ceramica e do Vidro (CTCV), Universitatea Transilvania din Brasov (UTBV), Asociatia Romania Green Building Council (RoGBC).





Se ha logrado el principal objetivo del Seminario Internacional / The main purpose of the International Consideration of the Internation of the International Consideration of the In					
The main purpose of the International Seminar was achieved					
Totalmente en desacuerdo / <i>Strongly</i> <i>disagr</i> ee	En desacuerdo / Disagree	Parcialmente de acuerdo / <i>Partially</i> <i>agre</i> e	De acuerdo / <i>Agree</i>	Totalmente de acuerdo / Strongly agree	
2. St	•	acionadas con este Semin	·	idas /	
Totalmente en desacuerdo / Strongly disagree	En desacuerdo / Disagree	Parcialmente de acuerdo / Partially agree	De acuerdo / <i>Agree</i>	Totalmente de acuerdo / Strongly agree	
		valoración del proyecto y preciate the project them			
Completamente inapropiado / Completely inadequate	Inapropiado / Inadequate	Parciamente apropiado / Partially adequate	Apropiado / Adequate	Perfectamente apropiado / Perfectly adequate	
4. ¿Cuál es tu valoración sobre la calidad y utilidad del estudio de las normativas y metodologías desarrollado en OERCO2? / How do you appreciate the quality and utility of the study of regulations and methodologies that has been developed in OERCO2?					
Completamente inapropiado / Completely inadequate	Inapropiado / Inadequate	Parciamente apropiado / <i>Partially</i> <i>adequate</i>	Apropiado / Adequate	Perfectamente apropiado / Perfectly adequate	
~		cilidad de manejo del Cen easyness of usage of the O			
Muy difícil / Very difficult	Difícil / Difficult	Aceptable / Acceptable	Fácil / <i>Easy</i>	Muy fácil / Very easy	
-		Centro de Recursos Onlir	•		
Totalmente en desacuerdo / Strongly disagree	En desacuerdo / Disagree	Parcialmente de acuerdo / <i>Partially</i> <i>agree</i>	De acuerdo / <i>Agree</i>	Totalmente de acuerdo / Strongly agree	
		elacionados con el sector f Online Educational Resc			

professionals?





Totalmente en desacuerdo / Strongly disagree	En desacuerdo / Disagree	Parcialmente de acuerdo / <i>Partially</i> <i>agree</i>	De acuerdo / Agree	Totalmente de acuerdo / Strongly agree		
8	8. ¿Es suficiente el contenido en el Centro de Recursos Online? / Is the content of Online Educational Resource enough?					
Totalmente en desacuerdo / Strongly disagree	En desacuerdo / Disagree	Parcialmente de acuerdo / <i>Partially</i> agree	De acuerdo / <i>Agree</i>	Totalmente de acuerdo / Strongly agree		
*		iienta de cálculo de emisio e Tool for calculation of C	· ·	•		
Muy débil / Very weak	Débil / <i>Weak</i>	Normal / Moderate	Fuerte / Strong	Muy fuerte / Very strong		
		encillo el uso de la herram it easy to use the CO2 To				
Totalmente en desacuerdo / Strongly disagree	En desacuerdo / Disagree	Parcialmente de acuerdo / <i>Partially</i> agree	De acuerdo / <i>Agree</i>	Totalmente de acuerdo / Strongly agree		
11. ¿Es la herramienta CO2 Tool realmente útil para el sector de la construcción? / Is the CO2 Tool really useful for the construction sector?						
Totalmente en desacuerdo / Strongly disagree	En desacuerdo / Disagree	Parcialmente de acuerdo / <i>Partially</i> agree	De acuerdo / <i>Agree</i>	Totalmente de acuerdo / Strongly agree		
12. ¿Cómo valoraría la influencia de los productos del proyecto en el sector de la construcción? / How would you rate the influence of the project products in the construction sector?						
Muy débil / Very weak	Débil / Weak	Moderada / Moderate	Fuerte / Strong	Muy fuerte / Very strong		
13. ¿Considera los productos atractivos para el futuro usuario? / How would you rate the atractiveness of the products for the future users?						
	Poco atractivos / Less attactive	Atractivos / Attractive	Muy atractivos / Very attractive			
Por favor, exprese su o	l pinión sobre los sig	guientes temas / <i>Please p</i>	resent your opinior	n regarding the following		

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issues



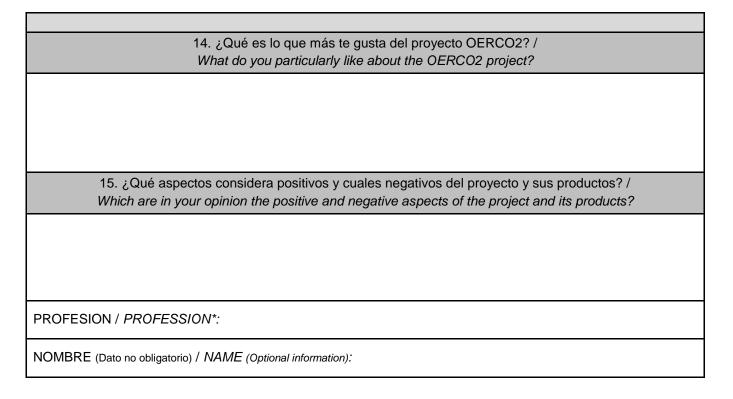
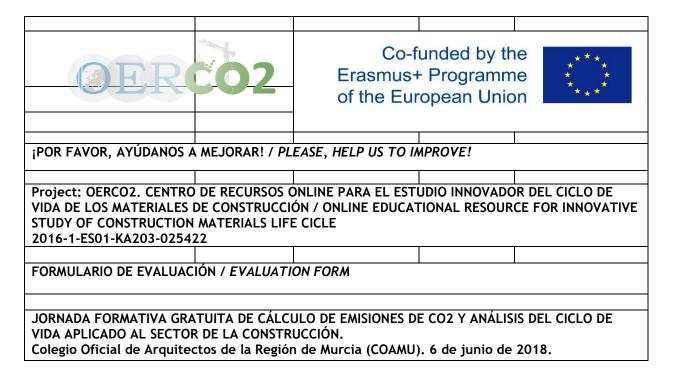


Figure 12. Example of survey in the International Seminar in Sevilla.





construction sector professionals?



Por favor, rellene el siguiente cuestionario marcando las respuestas que considere más adecuadas / Please fill in the following questionnaire with the answers you consider most appropriate					
1. Se ha logrado el principal objetivo de la jornada formativa / The main purpose of the training day was achieved					
Totalmente en desacuerdo / Strongly disagree En Parcialmente de acuerdo / Disagree Partially agree De acuerdo / Totalmente de acuerdo / Agree acuerdo / Strong agree					
2. Sus expectativas relacion Your expectations regarding			ron cumplidas /		
Totalmente en desacuerdo / Strongly disagree	En desacuerdo / Disagree	Parcialmente de acuerdo / Partially agree	De acuerdo / Agree	Totalmente de acuerdo / Strongly agree	
3. ¿Cuál es tu valoración de How do you appreciate the					
Completamente apropiado / Completely inadequate	Inapropiado / Inadequate	Parciamente apropiado / Partially adequate	Apropiado / Adequate	Perfectamente apropiado / Perfectly adequate	
4. ¿Cuál es tu valoración so desarrollado en OERCO2? / and methodologies that ha	How do you app	reciate the quality a			
Completamente apropiado / Completely inadequate	Inapropiado / Inadequate	Parciamente apropiado / Partially adequate	Apropiado / Adequate	Perfectamente apropiado / Perfectly adequate	
5. ¿Cómo valoraría la facilidad de manejo del Centro de Recursos Online? / How do you appreciate the easyness of usage of the Online Educational Resource?					
Muy difícil / Very difficult	Difícil / Difficult	Aceptable / Acceptable	Fácil / Easy	Muy fácil / Very easy	
6. ¿Considera el diseño del Is the layout of the Online				/	
Totalmente en desacuerdo / Strongly disagree	En desacuerdo / Disagree	Parcialmente de acuerdo / Partially agree	De acuerdo / Agree	Totalmente de acuerdo / Strongly agree	
7. ¿Es adecuado, para los profesionales relacionados con el sector de la construcción, el contenido del Centro de Recursos Online? / Is the content of Online Educational Resource suitable for the					



Totalmente en desacuerdo / Strongly disagree	En desacuerdo / Disagree	Parcialmente de acuerdo / Partially agree	De acuerdo / Agree	Totalmente de acuerdo / Strongly agree	
8. ¿Es suficiente el conten Is the content of Online Ed			<u> </u> /		
Totalmente en desacuerdo / Strongly disagree	En desacuerdo / Disagree	Parcialmente de acuerdo / Partially agree	De acuerdo / Agree	Totalmente de acuerdo / Strongly agree	
9. ¿Cómo valora la herram How do you appreciate the					
Muy débil / Very weak	Débil / Weak	Normal / Moderate	Fuerte / Strong	Muy fuerte / Very strong	
10. ¿Te resulta sencillo el Is it easy to use the CO2 T		enta CO2 Tool? /			
Totalmente en desacuerdo / Strongly disagree	En desacuerdo / Disagree	Parcialmente de acuerdo / Partially agree	De acuerdo / Agree	Totalmente de acuerdo / Strongly agree	
11. ¿Es la herramienta CO2 Is the CO2 Tool really use;			 e la construcción	? /	
Totalmente en desacuerdo / Strongly disagree	En desacuerdo / Disagree	Parcialmente de acuerdo / Partially agree	De acuerdo / Agree	Totalmente de acuerdo / Strongly agree	
12. ¿Cómo valoraría la infl How would you rate the ir					
Muy débil / Very weak	Débil / Weak	Moderada / Moderate	Fuerte / Strong	Muy fuerte / Very strong	
13. ¿Considera los product How would you rate the a					
	Poco atractivos / Less attactive	Atractivos / Attractive	Muy atractivos / Very attractive		
Por favor, exprese su opinión sobre los siguientes temas / Please present your opinion regarding the following issues					



14. ¿Qué es lo que más te gusta del proyecto OERCO2? / What do you particularly like about the OERCO2 project?
15. ¿Qué aspectos considera positivos y cuales negativos del proyecto y sus productos? /
Which are in your opinion the positive and negative aspects of the project and its products?
PROFESION / PROFESSION*:
NOURRE (D. C.
NOMBRE (Dato no obligatorio) / NAME (Optional information):

Figure 13. Example of survey in specific courses.

4.4 Final version

Thanks to those feedbacks, the platform OER of OERCO2 project was deeply developed, where were implemented the recommendation, that improved the OER.

As it can be checked, the OER and website is available in all languages of the participant countries and English:



Figure 14. Languages available.





5. CONCLUSIONS AND IMPROVEMENTS

In general, the evaluations of the project by experts and students were positive. The opinions of responders will be taken into account to improve the quality of platform OER in this Intellectual Output 2, as it is say above. Similarly, the evaluations during the international seminars (specially, in Bucharest) was be also taken into account in this Intellectual Output.

The implementation of improvements from beta versions to final versions has been shown in this document.

As it is said in the IO2, the final versions of OER can be found in the following link:

Final version of the OER

http://oerco2.eu/es/oer/

In future, the feedback of scheduled courses (which it can be checked in the *IO* 2.3 *Implementation of courses on specialization based on the OERCO2 project*) will be used to improved the OER.

YOUTUBE

The seminars and technical training days of the project was also uploaded to YouTube, because it is a powerful media to disseminate them. A playlist was created to visualize those events. On the other hand, the videos will be uploaded in the OER platform.

Channel of Youtube: OERCO2 Consortium

https://www.youtube.com/channel/UCp79CB0q_vizmZUq4RosHbw