



Ecological and Innovative technologies for recovering industrial areas from LCA and Energy Efficiency point of view.

2020-1-RO01-KA203-080223

Co-funded by the Erasmus+ Programme of the European Union



DISSEMINATION ACTIONS FOR INTERIM REPORT OF RecoverIND PROJECT

RecoverIND

DISSEMINATION ACTIONS FOR INTERIM REPORT (2020-2021)

DESCRIPTION OF THE DISSEMINATION ACTIONS' FIRST PERIOD OF RecoverIND PROJECT



Strategic Partnership for Higher Education

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Universitatea
Transilvania
din Braşov



Centro Tecnológico
mármol, piedra y materiales



ROMANIA
GREEN
BUILDING
COUNCIL



Rybaki17

Consortium members: Universitatea Transilvania Din Brasov (UniTBv), Asociación Empresarial de Investigación Centro Tecnológico del Mármol, Piedra y Materiales (CTM), Universidad de Sevilla (USE), Asociatia Romania Green Building Council, Politechnika Poznanska, Fundatia pentru Formare Profesionala si Invatamant Preuniversitar Viitor, Zespól Szkól Budownictwa Nr 1



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1. DISSEMINATION ACCTIONS TAKEN

For several years, within the framework of the European projects, has been put underscore the importance of conducting a good dissemination strategy: widespread and sustained to project the products created to target audiences and stakeholders. Only then, useful and maintained over time projects will be achieved.

For this purpose, the RecoverIND consortium has endeavoured to create a strong Campanian broadcast, involving in it all the project partners. The pillars of this campaign have been essentially two:

Firstly, the website. Containing all the information about the project and its products it is conceived as a starting point to meet RecoverIND. From here, students and professionals can access the websites of the partners, social networks, etc. All materials created for dissemination lead directly to it.

Secondly, social networks. It is broad known that these platforms are gaining importance when getting our product to potential stakeholders. Facebook, Twitter, and YouTube allow us to get more users in a closer way, as small business, freelancers, ... In addition, social nets have a multiplier effect. A post expands every time someone shares and thus makes it reach more people. Another advantage is that we can create groups and networks to learn, discuss and disseminate our products.

Although it is undeniable the relevance of the virtual world, the spread has also been conducted in physical spaces in the real life. RecoverIND project has been taken to trade fairs, seminars and promotional material has been printed and handed out for these events.

The RecoverIND Team

2. RecoverIND WEBSITE AND PLATFORM

2.1 PRESENTATION OF RecoverIND WEBSITE

The Website for the project will be used as a common place to share the products of the project, and as a base of the dissemination activities. It can be visited at the following link: <https://recoverind.eu>

The RecoverIND website will also have the main Intellectual Outputs of the project, the RecoverIND reports (.....) and the OECP (.....). Currently, the RecoverIND platform is a beta version. In the following sheets are summarised the content of the website.

[Home](#)

[Project](#)

[Reports](#)

[Contact](#)

2.2 VIDEO-SHARING WEBSITES

It will be created a Youtube Channel of the project in order to upload videos related to the dissemination actions of the project and results.

3. PRINTED MATERIALS AND DISPLAYS

3.1 BROCHURES AND POSTERS

- CTM designed and printed project brochures including information such as summary, objectives and intellectual outputs. This brochure was delivered to professionals in the natural stone and construction sectors for the first time at the Marmomac fair held in Verona (29/09-02/10/2021).

DISSEMINATION ACTIONS FOR INTERIM REPORT OF RecoverIND PROJECT

PROMOTOR:

- Universitatea Transilvania din Brasov (UNITbv). ROMANIA www.unitbv.ro

PARTNERS:

- Asociación Empresarial Centro Tecnológico del Mármol y la Piedra. (CTM). SPAIN www.ctmarmol.es
- Universidad de Sevilla (USE). SPAIN www.us.es
- Asociația România Green Building Council (RoGBC). ROMANIA www.rogbc.org
- Politechnika Poznańska (PUT). POLAND www.put.poznan.pl
- Fundația pentru Formare Profesională și Invatamant Preuniversitar Viitor (FPIP). ROMANIA www.calificat.ro
- Zespół Szkół Budownictwa Nr 1. POLAND www.zsb1.poznan.pl



RecoverIND PROJECT

ECOLOGICAL AND INNOVATIVE TECHNOLOGIES FOR RECOVERING INDUSTRIAL AREAS FROM LCA AND ENERGY EFFICIENCY POINT OF VIEW

The rapidly growing world energy use has already raised concerns in developed and developing countries, the environmental regulations are becoming stricter, and this is noted in the recent European Directives which aware the need for reducing environmental impacts and to increase energy efficiency. It is well known that the construction industry is one of the major responsible of the environmental damages, buildings construction sectors are responsible for 36% of the global final energy consumption and nearly 40% of total direct and indirect CO2 emissions, so to manage these is important to start to calculate these emissions and the environment impact for both new and existing buildings.

Industrial sites employ energy-intensive systems to heat, ventilate, air condition, light, and otherwise support processes and personnel, these support functions consume up to 33% of all energy used in manufacturing sub-sectors. As the industrial buildings play a major role in the use of energy and natural resources, it is necessary to start to implement in the educational sector the carbon footprint, studies about the materials efficiency of the industrial areas through the LCA and the use of renewable energy sources to satisfy the energy demand of the industrial constructions for facilities and industrial processes. The need for energy restoration of the industrial buildings will highly help to implement in a pedagogical way the use of the new technologies such as thermography cameras, laser scanners and drones, in the energy efficiency combined with BIM and LCA.



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OBJECTIVES

The main objectives of RecoverIND are:

- Strengthen the awareness about the environmental impacts and climate change.
- Producing a useful tool for discerning between the suitability of rehabilitation or the rebuilding of an old industrial building.
- Introducing the new technologies of energetic rehabilitation in industrial buildings at educational level.
- Providing information among interdisciplinary of new technologies of data acquisition, BIM and LCA.
- Improving the energy efficiency of industrial buildings.
- Free access to OER platform of RecoverIND to agents involved in the construction sector.



RESULTS

The climate change is a global problem so the transnationally is evident and all the European countries must adapt its national regulations with EU directives which are aligned to this challenge of saving energy and reduce of environmental impacts and, therefore, the environmental impact. Transnational cooperation within this project aims to improve the quality of training systems by developing innovative content, methods and procedures, and the experience of universities in this consortium. RecoverIND is driving the transition to this sustainable industrial society by transforming environmental problems into opportunities to use new and advanced technologies.

Co-funded by the Erasmus+ Programme of the European Union



Cod:2020-1-R01-KA203-080223

www.recoverind.eu

- ZSB1 designed and printed a flyer containing the main information about the project, such as the subject (scope), goals and effects of the project. This leaflet was first made available at the open doors organized by ZSB1 and at the education fairs in which ZSB1 participated. These events are attended by primary school students who choose the further educational path, as well as educational institutions and employers. The leaflet will be used in the next events to promote the school and its activities.

Zespół Szkół Budownictwa Nr 1 w Poznaniu uczestniczy w projekcie pod nazwą EKOLOGICZNE I INNOWACYJNE TECHNOLOGIE ODZYSKIWANIA OBSZARÓW PRZEMYSŁOWYCH Z PUNKTU WIDZENIA LCA I EFEKTYWNOŚCI ENERGETYCZNEJ.

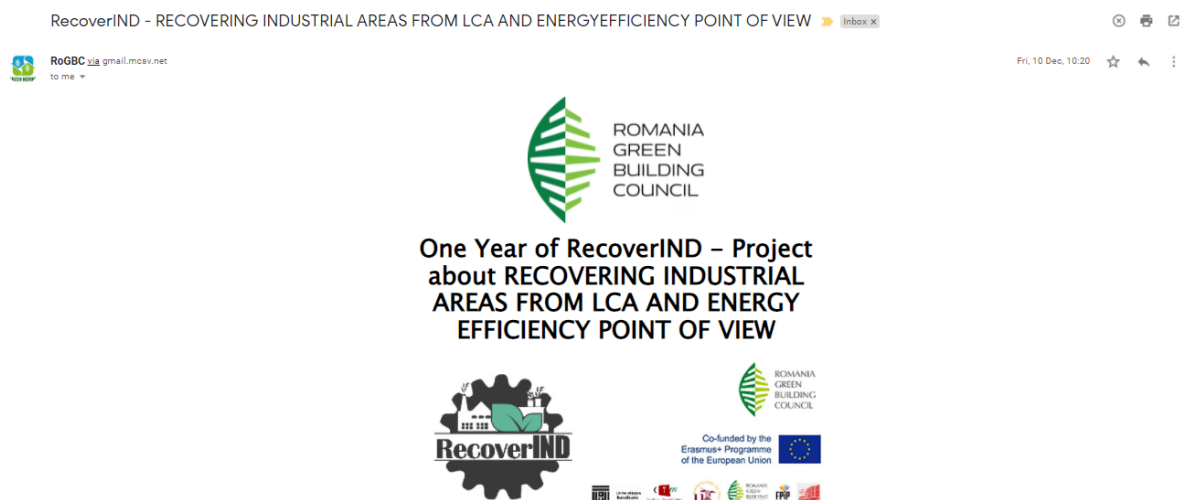
Cele projektu: wzmocnienie świadomości wpływu budownictwa na środowisko i zmiany klimatyczne oraz stworzenie użytecznego narzędzia do oceny stanu starego budynku przemysłowego przeznaczonego do renowacji lub odbudowy.

Efekt projektu: wprowadzenie na poziomie edukacyjnym wiedzy na temat nowych technologii przywracania efektywności energetycznej w budynkach przemysłowych.



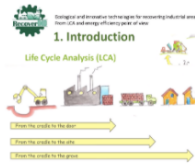
3.2 NEWSLETTERS, E-BULLETINS AND PRESS RELEASES

- RoGBC sent emails (as newsletter) to all the partners and members, both in English and Romanian languages, for announcing the completing of the first year of RecoverIND project.



DISSEMINATION ACTIONS FOR INTERIM REPORT OF RecoverIND PROJECT

RecoverIND (Ecological and Innovative Technologies for recovering industrial areas from LCA and Energy Efficiency point of view) is a project funded by the Erasmus+ program and aims to deepen the interconnection between energy efficiency, Life Cycle Assessment (LCA) and the use of advanced technologies for building design and rehabilitation of the construction sector, with the need to improve knowledge in the education sector.



The project is developed on the basis of an international partnership consisting of three entities from Romania and four from Spain and Poland: Transylvania University of Brasov (UTB) which is the initiator and leader of the project, Fundația pentru formare profesională și învățământ preuniversitar VIITOR, Romania Green

Building Council (RoGBC), Asociación Empresarial de Investigación Centro Tecnológico del Mármol, Piedra y Materiales (CTM) - Spain, Universidad De Sevilla - Spain, Zespół Szkół Budownictwa Nr. 1 - Poland and Politechnika Poznanska din Poznan - Poland.

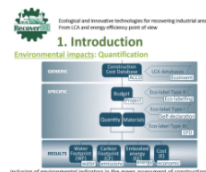
The creation of an innovative qualification methodology that brings together the three main axes of the project, Industrial Restoration - ICTs (Information and communications technology) - Energy Efficiency, will mean that the sector will be able to overcome the deficiencies that are currently latent. New technologies applicable to the conversion and restoration of industrial areas are emerging every day. Therefore, the project will offer training in systems such as collaborative robotics and drones, which will allow the project's target groups to adapt to new management systems and new production processes.

The training of both students and professionals becomes essential to take advantage of the interoperability offered by ICTs with equipment and software for the evaluation of EE and LCA for industrial restoration.

[More details about RecoverIND](#)

Acum un an a început proiectul RecoverIND

Acesta este un proiect finanțat prin programul Erasmus+ și are ca scop aprofundarea interconectării dintre eficiența energetică, Life Cycle Assessment (LCA) și utilizarea tehnologiilor avansate pentru proiectarea clădirilor și reabilitarea sectorului construcțiilor, cu nevoile de îmbunătățire a cunoștințelor din sectorul educațional.



Proiectul se dezvoltă pe baza unui parteneriat internațional ce este format din trei entități din România și alte patru din Spania și Polonia: Universitatea Transilvania din Brasov (UTB) care este inițiatorul și liderul proiectului, Fundația pentru formare profesională și învățământ preuniversitar VIITOR, Asociația Romania Green Building Council (RoGBC), Asociación Empresarial de Investigación Centro Tecnológico del Mármol, Piedra y Materiales (CTM) - Spania, Universidad De Sevilla - Spania, Zespół Szkół Budownictwa Nr. 1 - Polonia și Politechnika Poznanska din Poznan - Polonia.

Crearea unei metodologii de instruire inovatoare care reunește cele trei axe principale ale proiectului, Restaurarea industrială - TIC (Tehnologia Informației) - Eficiența energetică, poate conduce la depășirea dificultăților cu care se confruntă astăzi o parte a sectorului construcțiilor. Noi tehnologii aplicabile conversiei și restaurării zonelor industriale apar în fiecare zi. Prin urmare, proiectul planifică să ofere instruire în sisteme precum robotică colaborativă sau utilizarea de drone, ceea ce va permite grupurilor țintă ale proiectului să se adapteze la noile sisteme de management și noi procese de producție.

Pregătirea atât a studenților, cât și a profesioniștilor devine esențială pentru a profita de inter-operabilitatea oferită de TIC cu echipamente și software pentru evaluarea EE și LCA pentru restaurarea industrială.

[Mai multe detalii despre RecoverIND](#)

Newsletter of the Transilvania University of Brasov -
https://www.unitbv.ro/images/newsletter/2021/NL_decembrie_2021_RO.pdf

RECOVERIND - UN PROIECT CARE-ȘI PROPUNE SĂ ADUCĂ SOLUȚII PENTRU RECUPERAREA ZONELOR INDUSTRIALE DIN PERSPECTIVA EFICIENȚEI ENERGETICE



Proiectul RecoverIND - *Ecological and innovative technologies for recovering industrial areas from LCA and Energy Efficiency point of view* - 2020-1-RO01-KA203-080223 - este dezvoltat în cadrul programul Erasmus+, fiind inițiat de conf. dr. ing. Radu Muntean, coordonatorul unei echipe multidisciplinare formată din cadre didactice și studenți ai Facultăților de Construcții, de Design de mobilier și inginerie a lemnului și de Matematică și informatică, în parteneriat cu alte șase universități, centre de cercetare, școli profesionale și ONG-uri din Spania, Polonia și România.

Proiectul RecoverIND își propune să dezvolte strategii și soluții viabile pentru recuperarea zonelor industriale din perspectiva eficienței energetice și a

Cooperarea transnațională în cadrul acestui proiect își propune să îmbunătățească calitatea sistemelor de formare prin dezvoltarea de conținut, metode și proceduri inovatoare și să profite de experiența universităților și a școlilor profesionale din acest consorțiu în stabilirea unui curriculum comun.



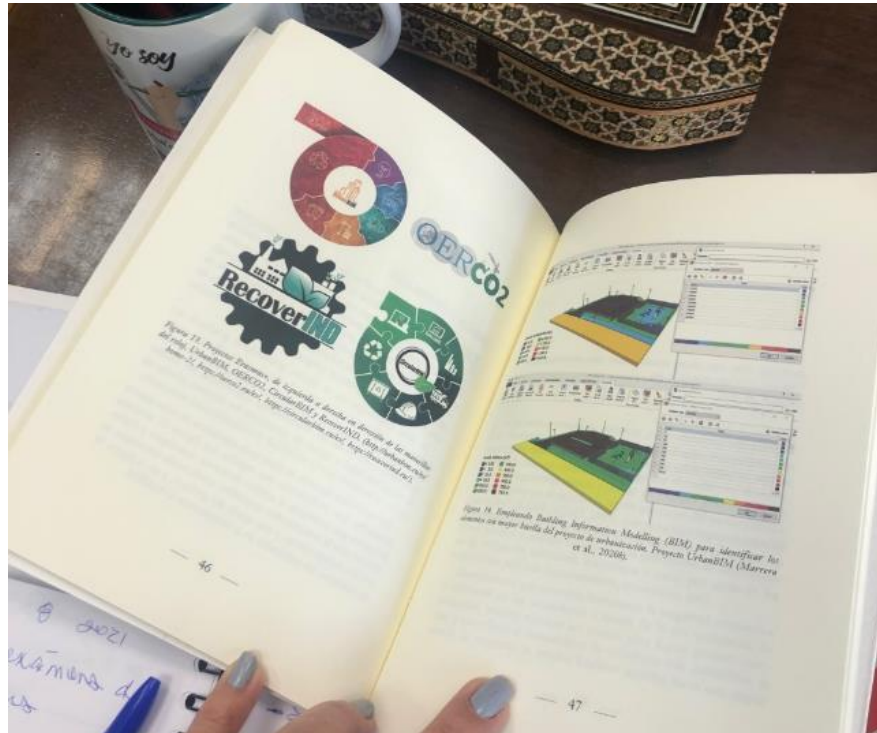
Alături de Universitatea Transilvania din Brașov, în proiect vor participa și *Asociación empresarial de investigación centro tecnologicodel marmol y la*

3.3 EMAILS

The partners of the project contacted to stakeholders sending massive information, as well as specific e-mail on the project.

3.4 BOOKS AND SCIENTIFIC PUBLICATIONS

-At the Inaugural Conference of the beginning of the academic year, USE presented a total of 200 copies of the book "The traces of what we build" to the school community and collaborators. The book contains information about the RecoverIND project.



4. PARTNER'S OWN WEBSITE AND SOCIAL NETWORKS

RecoverIND partners will also use their own channels to disseminate the project. All partners will mention the project on their websites, maybe on a large subject or including the banner linked to RecoverIND. Both strategies are effective to attract their community to discover RecoverIND.

PARTNER'S OWN WEBSITE

- UNITBv created an individual section for the RecoverIND project in its web page, where all the information about the project, its objectives and results are included at: <https://constructii.unitbv.ro/ro/cercetare/rezultatele-cercetarii/recoverind.html>

DISSEMINATION ACTIONS FOR INTERIM REPORT OF RecoverIND PROJECT



Universitatea
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FACULTATEA DE CONSTRUCȚII

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Cercetare Rezultatele cercetării RecoverIND

Recuperarea zonelor industriale din perspectiva eficienței energetice și a evaluării ciclului de viață al materialelor de construcții

Poluarea și creșterea necesarului de energie sunt subiecte tot mai dezbătute și reprezintă îngrijorări majore pentru întreaga planetă. Astfel, atât la nivel global, cât și la nivelul Uniunii Europene, se discută tot mai des și se adoptă în permanență directive și reglementări tehnice noi, care să reducă impactul asupra mediului și în același timp, să ducă la creșterea eficienței energetice în toate sectoarele de activitate.

Este binecunoscut faptul că industria construcțiilor este în mare parte responsabilă de poluarea mediului, doar sectorul construcțiilor de clădiri fiind răspunzător pentru 36% din consumul global de energie și pentru aproape 40% din totalul emisiilor directe și indirecte de CO₂. Toate aceste cifre pot scădea semnificativ, dar e nevoie de viziune, de planuri concrete, de educație și conștientizare și de timp.

Iar de una dintre aceste direcții ne vom ocupa în cadrul proiectului RecoverIND - *Ecological and innovative technologies for recovering industrial areas from LCA and Energy Efficiency point of view* - 2020-1-RO01-KA203-080223.

Construcțiile industriale, prin dimensiunile și modul lor de utilizare, au un consum energetic crescut, atât pe durata de exploatare, cât și în timpul executării lor și, ulterior, în procesul de deconstrucție și reintegrare în mediul natural. Ca urmare, pentru o conștientizare cât mai timpurie a problemelor, este necesară introducerea în domeniul educațional a unor concepte aplicabile și construcțiilor industriale precum: amprenta de carbon și amprenta ecologică, eficiența energetică, dezvoltarea durabilă a construcțiilor industriale, sustenabilitatea materialelor de construcții, evaluarea ciclului de viață (LCA) și utilizarea surselor de energie regenerabile.

Toate aceste concepte pot fi implementate cu ajutorul unor noi tehnici și tehnologii precum termografia și fotogrametria clădirilor, scanarea cu sisteme laser și drone, printarea 3D, managementul informațiilor despre clădiri, IoT, BIM / GIS, LCA, etc.

În cadrul Universității Transilvania din Braşov, alături de partenerii noștri, (Asociación empresarial de investigación centro tecnologicodel marmol y la piedra, Fundatia pentru Formare Profesionala si Invatamant Preuniversitar Viitor, Asociația Romania green building council, Politechnika Poznanska, Universidad de Sevilla, Zespol Szkol Budownictwa Nr 1) am lansat proiectul RecoverIND care își propune, printre altele, să aducă un plus de conștientizare privind impactul asupra mediului și schimbările climatice datorate folosirii, reabilitării și deconstrucției clădirilor industriale, să realizeze un instrument educațional util în decizia de reabilitare a unei construcții vechi sau realizarea uneia noi, ori să îmbunătățească eficiența energetică a clădirilor existente. De asemenea, proiectul va permite accesul gratuit la platforma OER (Open Education Resource), tuturor actorilor implicați în sectorul construcțiilor (studenți, profesori, cercetători, profesioniști din mediul economic și administrativ, etc). Cooperarea transnațională în cadrul acestui proiect își propune să îmbunătățească calitatea sistemelor de formare prin dezvoltarea de conținut, metode și proceduri inovatoare și să profite de experiența universităților și a școlilor profesionale din acest consorțiu în stabilirea unui curriculum comun.

- and on the Civil Engineering Design Center in Research and Development Institute of Transilvania University of Braşov (ICDT) website (projects):
<https://icdt.unitbv.ro/ro/centre-de-cercetare/centrul-de-proiectare-al-institutului-pro-dd/proiecte.html>




DISSEMINATION ACTIONS FOR INTERIM REPORT OF RecoverIND PROJECT



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 | Centre de cercetare | Centrul de proiectare al Institutului PRO-DD | Proiecte

- > Domenii de cercetare
- > Infrastructură
- > Produse și servicii cu potențial inovativ
- > Proiecte
- > Colaborări
- > Echipa

Proiecte

■ RecoverIND - Ecological and innovative technologies for recovering industrial areas from LCA and Energy Efficiency point of view

Recuperarea zonelor industriale din perspectiva eficienței energetice și a evaluării ciclului de viață al materialelor de construcții

Nr. proiect: 2020-1-RO01-KA203-080223
Perioadă de implementare: 2020 - 2022



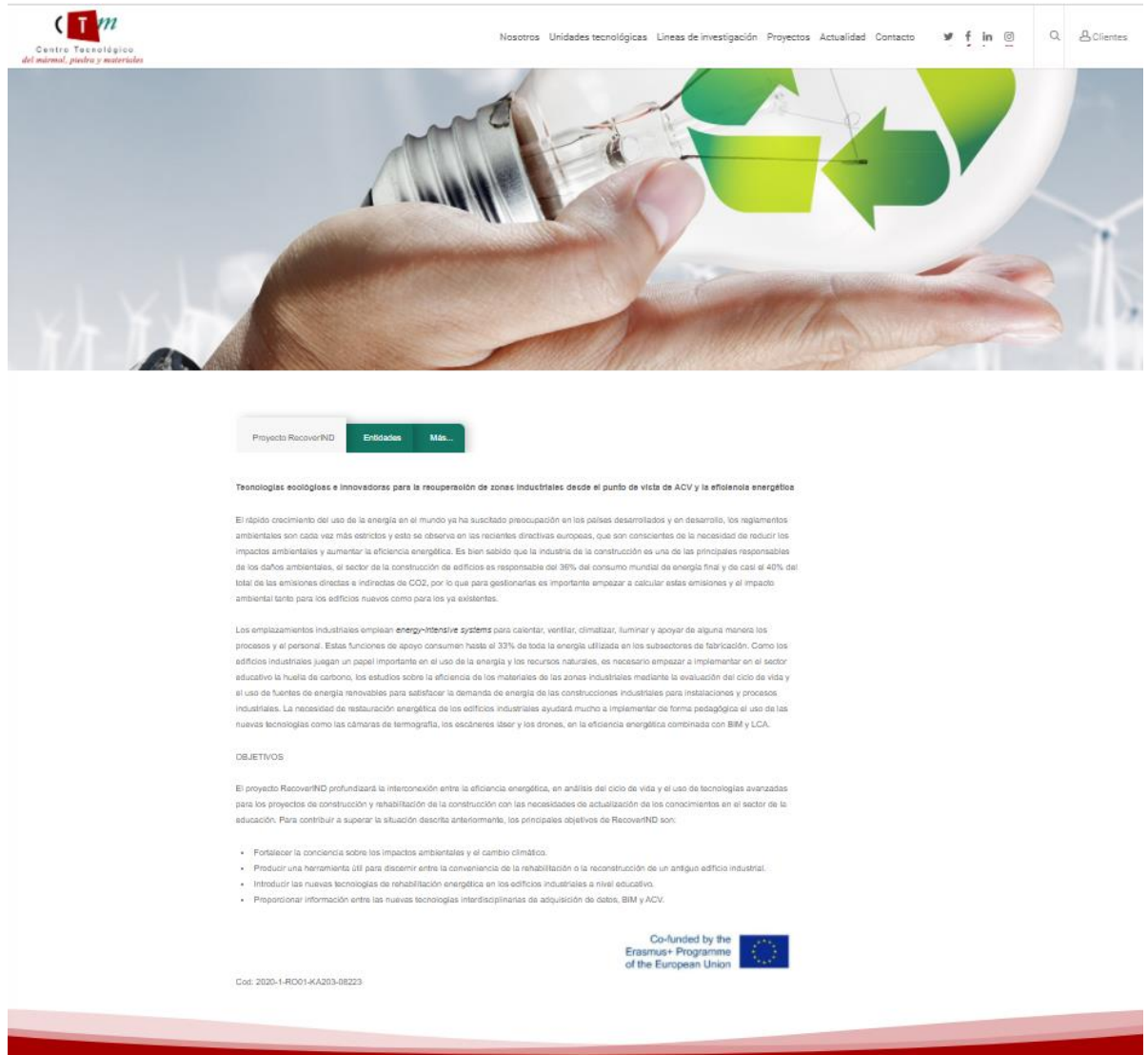
Poluarea și creșterea necesarului de energie sunt subiecte tot mai dezbătute și reprezintă îngrijorări majore pentru întreaga planetă. Astfel, atât la nivel global, cât și la nivelul Uniunii Europene, se discută tot mai des și se adoptă în permanență directive și reglementări tehnice noi, care să reducă impactul asupra mediului și în același timp, să ducă la creșterea eficienței energetice în toate sectoarele de activitate.

Este binecunoscut faptul că industria construcțiilor este în mare parte responsabilă de poluarea mediului, doar sectorul construcțiilor de clădiri fiind răspunzător pentru 36% din consumul global de energie și pentru aproape 40% din totalul emisiilor directe și indirecte de CO₂. Toate aceste cifre pot scădea semnificativ, dar e nevoie de viziune, de planuri concrete, de educație și conștientizare și de timp.

Iar de una dintre aceste direcții ne vom ocupa în cadrul proiectului RecoverIND - *Ecological and innovative technologies for recovering industrial areas from LCA and Energy Efficiency point of view* - 2020-1-RO01-KA203-080223.

- CTM created an individual section for the RecoverIND project in its web page, where all the information about the project, its objectives and results are included at: <https://ctmarmol.es/portfolio/proyecto-recoverind/#tab-3d652f4a-9eb0-3>

DISSEMINATION ACTIONS FOR INTERIM REPORT OF RecoverIND PROJECT



The screenshot shows a news article on the CTM website. The header includes the CTM logo and navigation links. The main image shows a hand holding a lightbulb with a green recycling symbol. The article title is 'Proyecto RecoverIND' with buttons for 'Entidades' and 'Más...'. The text discusses the need for energy-efficient technologies in industrial areas and the project's goals. It mentions that industrial buildings consume 33% of energy and that the project aims to improve energy efficiency and reduce CO2 emissions. The article also lists the project's objectives, such as raising awareness, creating a decision-making tool, and providing information on interdisciplinary technologies. The footer includes the project code and the Erasmus+ logo.

- CTM published a news of the beginning of the RecoverIND project in its website: <https://ctmarmol.es/comienza-el-proyecto-europeo-recoverind-del-programa-erasmus/>

DISSEMINATION ACTIONS FOR INTERIM REPORT OF RecoverIND PROJECT



La Asociación Empresarial de investigación Centro Tecnológico del Mármol, Piedra y Materiales participa en el proyecto REcoverIND bajo el título "Tecnologías ecológicas e innovadoras para la recuperación de zonas industriales desde el punto de vista de ACV y la eficiencia energética".

El proyecto RecoverIND profundizará la interconexión entre la eficiencia energética, en análisis del ciclo de vida y el uso de tecnologías avanzadas para los proyectos de construcción y rehabilitación de la construcción con las necesidades de actualización de los conocimientos en el sector de la educación.

Este proyecto, de dos años de duración, está dentro del Programa Erasmus+, en la acción clave asociaciones estratégicas para la educación escolar, innovación.

El consorcio internacional del proyecto EcoBuild está formado por:

- Universitatea Transilvania din Brasov (Romania)
- Asociación Empresarial de Investigación Centro Tecnológico del Mármol, Piedra y Materiales (España)
- Universidad de Sevilla (España)
- Asociatia Romania Green Building Council (Romania)
- Politechnika Poznańska (Poland)
- Fundatia pentru Formare Profesionala si Invatamant Preuniversitar Viitor (Romania)
- Zespól Szkól Budownictwa Nr 1. (Poland)

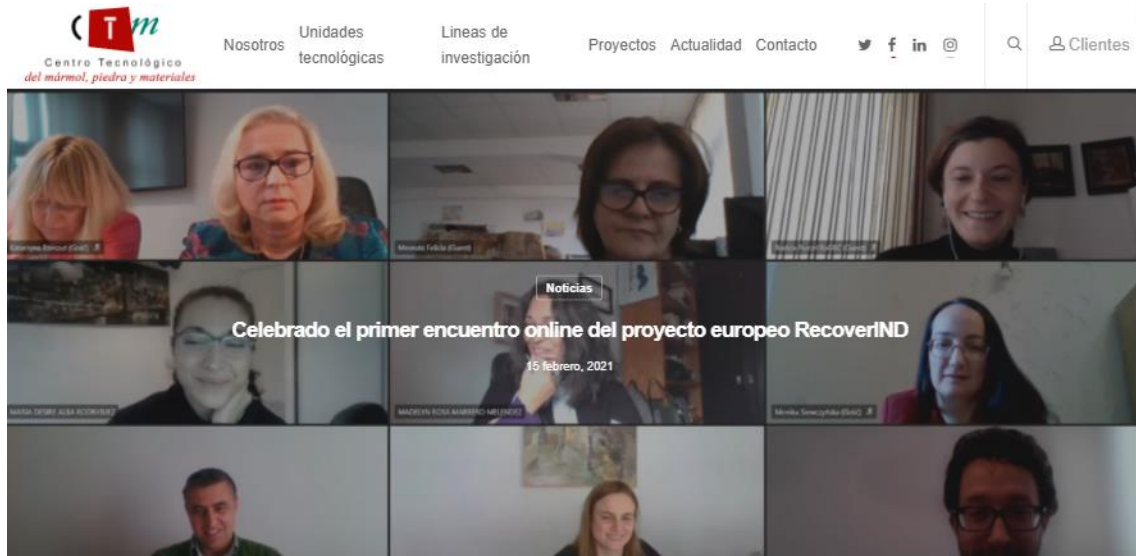


El presente proyecto ha sido financiado con el apoyo de la Comisión Europea. Esta comunicación es responsabilidad exclusiva de su autor. La Comisión no es responsable del uso que pueda hacerse de la información aquí difundida.

<https://ctmarmol.es>

- CTM published a news of the first meeting online of the RecoverIND project in its website: <https://ctmarmol.es/celebrado-el-primer-encuentro-online-del-proyecto-europeo-recoverind/>

DISSEMINATION ACTIONS FOR INTERIM REPORT OF RecoverIND PROJECT



La Asociación Empresarial de Investigación Centro Tecnológico del Mármol, Piedra y Materiales asistió el pasado 10 de febrero a la primera reunión online del proyecto "RecoverIND bajo el título "Tecnologías ecológicas e innovadoras para la recuperación de zonas industriales desde el punto de vista de ACV y la eficiencia energética".

En este encuentro se reunieron los participantes del proyecto para abordar estrategias y definir las tareas necesarias para lograr los objetivos marcados en el proyecto financiado por la Unión Europea.

El proyecto RecoverIND profundizará la interconexión entre la eficiencia energética, en análisis del ciclo de vida y el uso de tecnologías avanzadas para los proyectos de construcción y rehabilitación de la construcción con las necesidades de actualización de los conocimientos en el sector de la educación. Este proyecto, de dos años de duración, está dentro del Programa Erasmus+, en la acción clave asociaciones estratégicas para la educación escolar, innovación.

Esta primera reunión contó con la presencia de representantes de todos los participantes del proyecto, que cuenta con un consorcio integrado por:

- Universitatea Transilvania din Brasov (Romania)
- Asociación Empresarial de Investigación Centro Tecnológico del Mármol, Piedra y Materiales (España)
- Universidad de Sevilla (España)
- Asociatia Romania Green Building Council (Romania)
- Politechnika Poznańska (Poland)
- Fundatia pentru Formare Profesionala si Invatamant Preuniversitar Viitor (Romania)
- Zespol Szkol Budownictwa Nr 1. (Poland)



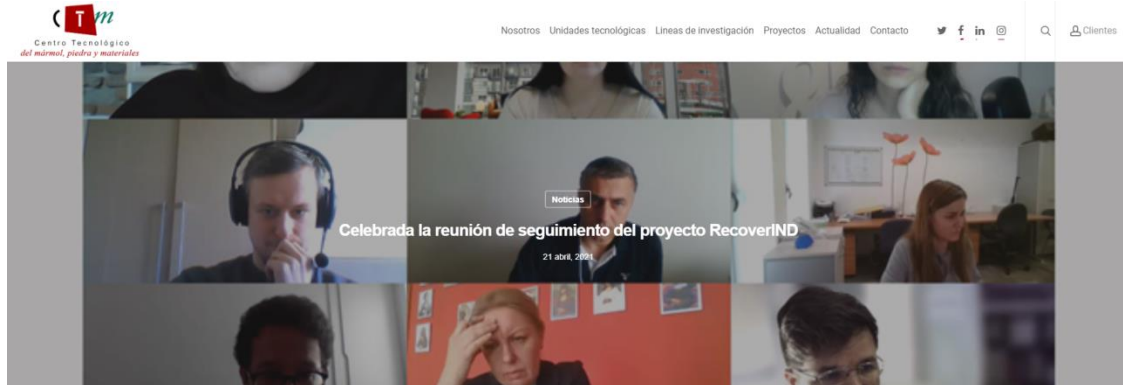
Cofinanciado por el programa Erasmus+ de la Unión Europea

El presente proyecto ha sido financiado con el apoyo de la Comisión Europea. Esta comunicación es



- CTM published a news of the technical online meeting of the RecoverIND project in its website: <https://ctmarmol.es/celebrada-la-reunion-de-seguimiento-del-proyecto-recoverind/>

DISSEMINATION ACTIONS FOR INTERIM REPORT OF RecoverIND PROJECT



El pasado martes, 13 de abril, la Asociación Empresarial de investigación Centro Tecnológico del Mármol, Piedra y Materiales asistió a la reunión de seguimiento del proyecto "RecoverIND bajo el título "Tecnologías ecológicas e innovadoras para la recuperación de zonas industriales desde el punto de vista de ACV y la eficiencia energética".

En este encuentro, se realizó un seguimiento de las tareas realizadas en esta primera fase del proyecto y se marcaron los siguientes pasos para la continuación y desarrollo de RecoverIND.

Esta reunión contó con la presencia de representantes de todos los participantes del proyecto, que cuenta con un consorcio integrado por:

- Universitatea Transilvania din Brasov (Romania)
- Asociación Empresarial de Investigación Centro Tecnológico del Mármol, Piedra y Materiales (España)
- Universidad de Sevilla (España)
- Asociatia Romania Green Building Council (Romania)
- Politechnika Poznańska (Poland)
- Fundatia pentru Formare Profesionala si Invatamant Preuniversitar Viitor (Romania)
- Zespol Szkol Budownictwa Nr 1. (Poland)

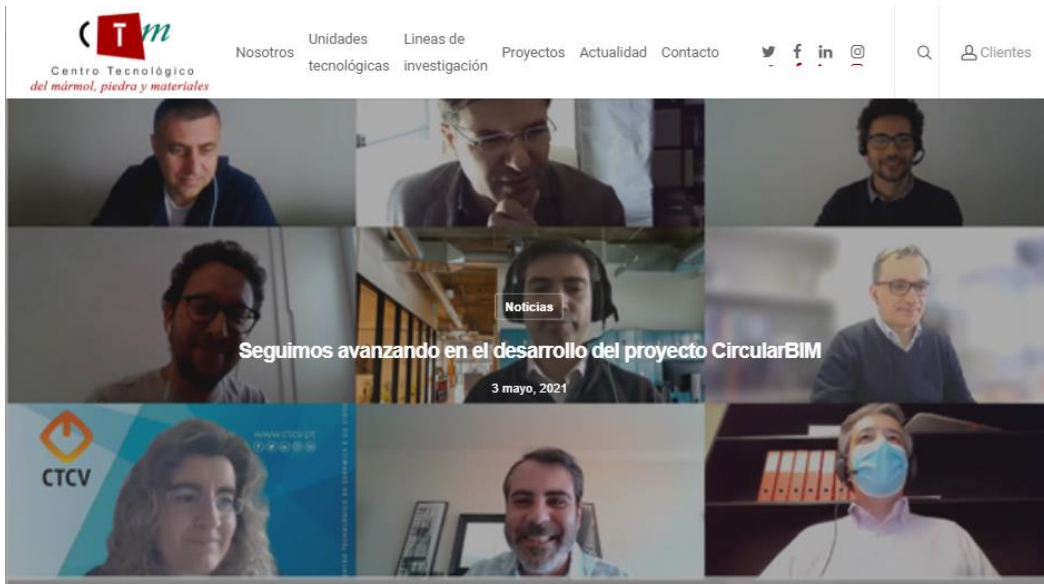


Cofinanciado por el
programa Erasmus+
de la Unión Europea

El presente proyecto ha sido financiado con el apoyo de la Comisión Europea. Esta comunicación es responsabilidad exclusiva de su autor. La Comisión no es responsable del uso que pueda hacerse de la información aquí difundida.

- CTM published a news of the technical online meeting of the RecoverIND project in its website: <https://ctmarmol.es/celebrada-la-reunion-tecnica-del-proyecto-recoverind/>

DISSEMINATION ACTIONS FOR INTERIM REPORT OF RecoverIND PROJECT



La Asociación Empresarial de Investigación Centro Tecnológico del Mármol, Piedra y Materiales asistió el pasado 20 de abril a una reunión de seguimiento del proyecto CircularBIM bajo el título "Plataforma educativa centrada en estrategias avanzadas de reinstalación de materiales de construcción en la cadena de valor industrial para promover la transición a la economía circular mediante el uso de tecnologías de aprendizaje BIM".

En este encuentro los socios resolvieron las dudas relativas al trabajo a realizar con el fin de continuar con el correcto desarrollo del proyecto y poder cumplir con los objetivos.

A esta reunión asistieron representantes de todos los socios del consorcio, compuesto por:

- Universidad de Sevilla (USE). SPAIN www.us.es
- Asociación Empresarial de Investigación Centro Tecnológico del Mármol, Piedra y Materiales (CTM) . SPAIN www.ctmarmol.es
- CYPE SOFT SL (CYPE). SPAIN www.cype.com
- Universitatea Transilvania din Brasov (UTBv). ROMANIA www.unitbv.ro
- Asociatia Romania Green Building Council (RoGBC). ROMANIA www.rogbc.org
- Centro Tecnológico da Cerâmica e do Vidro (CTCV). PORTUGAL www.ctcv.pt
- Universidade do Minho (UMinho). PORTUGAL www.uminho.pt



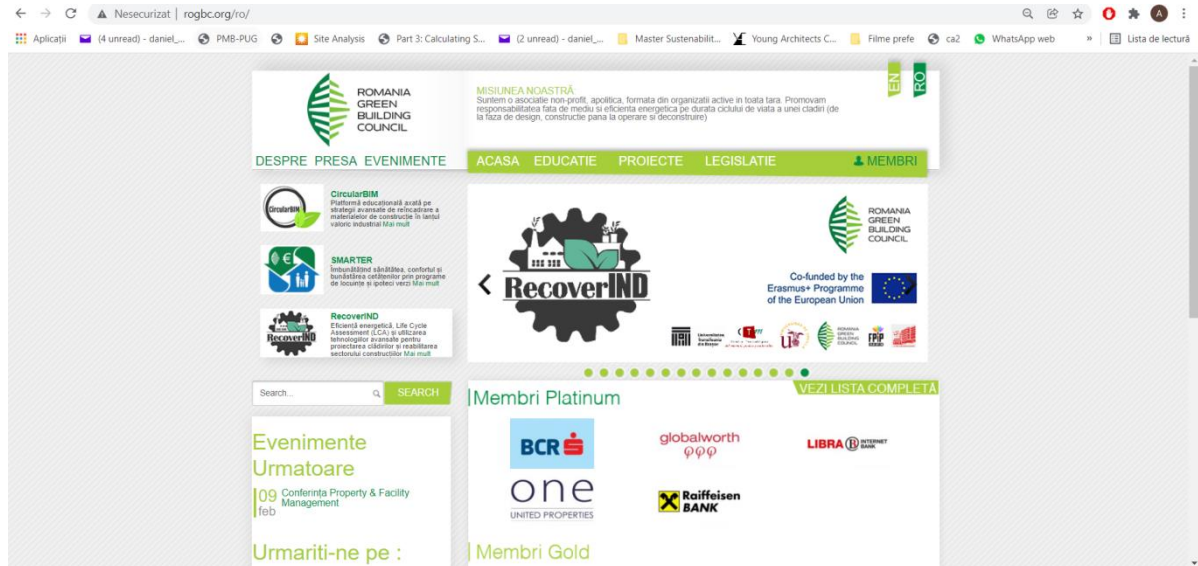
Cofinanciado por el programa Erasmus+ de la Unión Europea

El presente proyecto ha sido financiado con el apoyo de la Comisión Europea. Esta comunicación es responsabilidad exclusiva de su autor. La Comisión no es responsable del uso que pueda hacerse de la información aquí difundida.

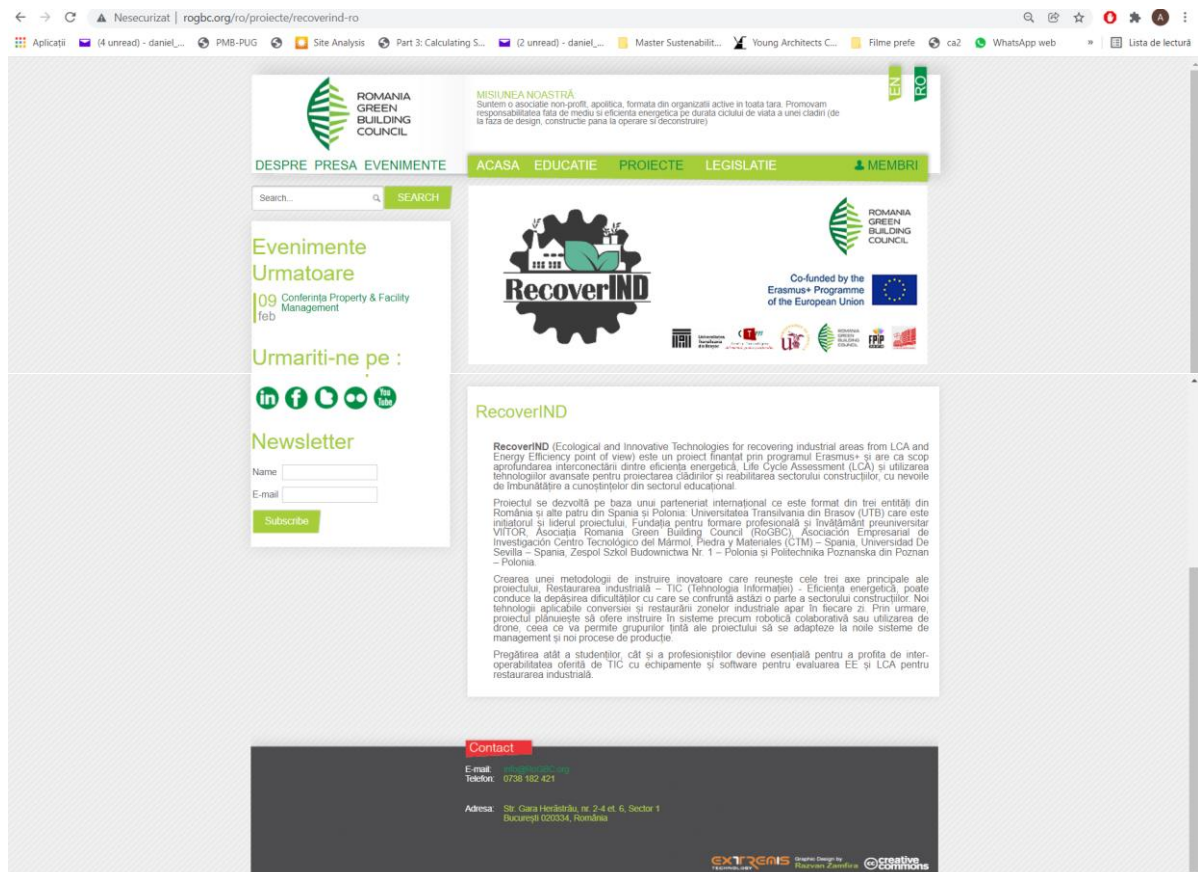


DISSEMINATION ACTIONS FOR INTERIM REPORT OF RecoverIND PROJECT

RoGBC published a banner of RocooverIND project on its website: <http://www.rogbc.org/ro/>



RoGBC published a dedicated page of RocooverIND project on its website, in both language variants, Romanian and English: <http://www.rogbc.org/ro/proiecte/recoverind-ro>





DISSEMINATION ACTIONS FOR INTERIM REPORT OF RecoverIND PROJECT

The screenshot displays the RecoverIND website interface. At the top, there is a navigation menu with links for ABOUT, PRESS, EVENTS, HOME, EDUCATION, PROJECTS, LEGISLATION, and MEMBERSHIPS. A search bar is located below the navigation. The main content area features a 'ROMANIA GREEN BUILDING COUNCIL' logo, a 'OUR MISSION' section, and a 'RecoverIND' logo. A 'Newsletter' section includes a sign-up form with fields for Name and E-mail, and a 'Subscribe' button. A 'Contact' section at the bottom provides contact details: E-mail: info@recoverind.ro, Phone: 0738 162 421, and Address: Gara Herteșului Street 2-4, 6th floor, Sector 1, Bucharest 020334, Romania. The website also features social media icons and logos of partner organizations like IFPI, UTM, CTM, and FPI.

-FPII created a section on its website dedicated to the RecoverIND project. It can be visited at the following link: www.calificat.ro/proiecte.html

DISSEMINATION ACTIONS FOR INTERIM REPORT OF RecoverIND PROJECT



The screenshot shows the website for the RecoverIND project. The main heading is "Proiecte" (Projects). Below it, the project is identified as "ERASMUS+ RecoverIND - 2020-1-RO01-KA203-080223". The website features a navigation menu with categories like "Cursuri autorizate", "Programe de calificare prin evaluare", "Cursuri specialitate și training-uri", and "e-Learning". A sidebar on the right lists various vocational training courses such as "RESPONSABIL DE MEDIU", "OPERATOR SUDARE TEVI ȘI FITINGURI DIN PI...", "EXPERT LEGISLAȚIA MUNCII", etc. The main content area displays the project title in large green letters: "RecoverIND ECOLOGICAL AND INNOVATIVE TECHNOLOGIES FOR RECOVERING INDUSTRIAL AREAS FROM LCA AND ENERGY EFFICIENCY POINT OF VIEW 2020-1-RO01-KA203-080223".

-FFIP publishes news after each project meeting.



The screenshot shows a news page from FFIP. It contains a list of bullet points:

- Centrele de ocupare a forței de muncă care se ocupă cu formarea continuă a competențelor și a politicilor active pe piața forței de muncă.
- Organizațiile de cercetare naționale și internaționale și universitățile care se ocupă de probleme energetice. etc.
- Studenții /viitorilor specialiști din universități și din învățământul preuniversitar.
- Firmele de inginerie și arhitectură / Furnizorii de tehnologie.

A link is provided: <https://constructii.unitbv.ro/ro/cercetare/rezultatele-cercetarii/recoverind.html>. Below the text are three small images showing people in a meeting. A "Documente PDF" section lists "Entitățile publice implicate în Proiectul RecoverIND". On the right side, there is a vertical list of vocational training courses such as "INFIRMIERĂ", "ÎNGRIJITOARE BĂTRÂNI LA DOMICILIU", etc.

- PUT created an individual section for the RecoverIND project in its web page, where all the information about the project with information on working meetings, its objectives and results are included at:

<https://wilit.put.poznan.pl/node/4089>



The screenshot shows the website for the Institute of Building Engineering and Transport (Instytut Inżynierii Lądowej i Transportu) at the University of Technology, Poznań. The page features a navigation menu with links for 'WYDZIAŁ', 'STUDENT', 'KANDYDAT', 'DOKTORANT', 'BADANIA I BIZNES', 'PRACOWNIK', and 'KONTAKT'. The main content area is titled 'RECOVERIND (ENG.)' and is categorized under 'GRANTS'. The text describes the project's focus on ecological and innovative technologies for the remediation of industrial sites, emphasizing the building life cycle and energy efficiency. A sidebar on the left lists various institutional resources, and the bottom of the page contains introductory text about the project's context and impact.

RECOVERIND (ENG.)

GRANTS

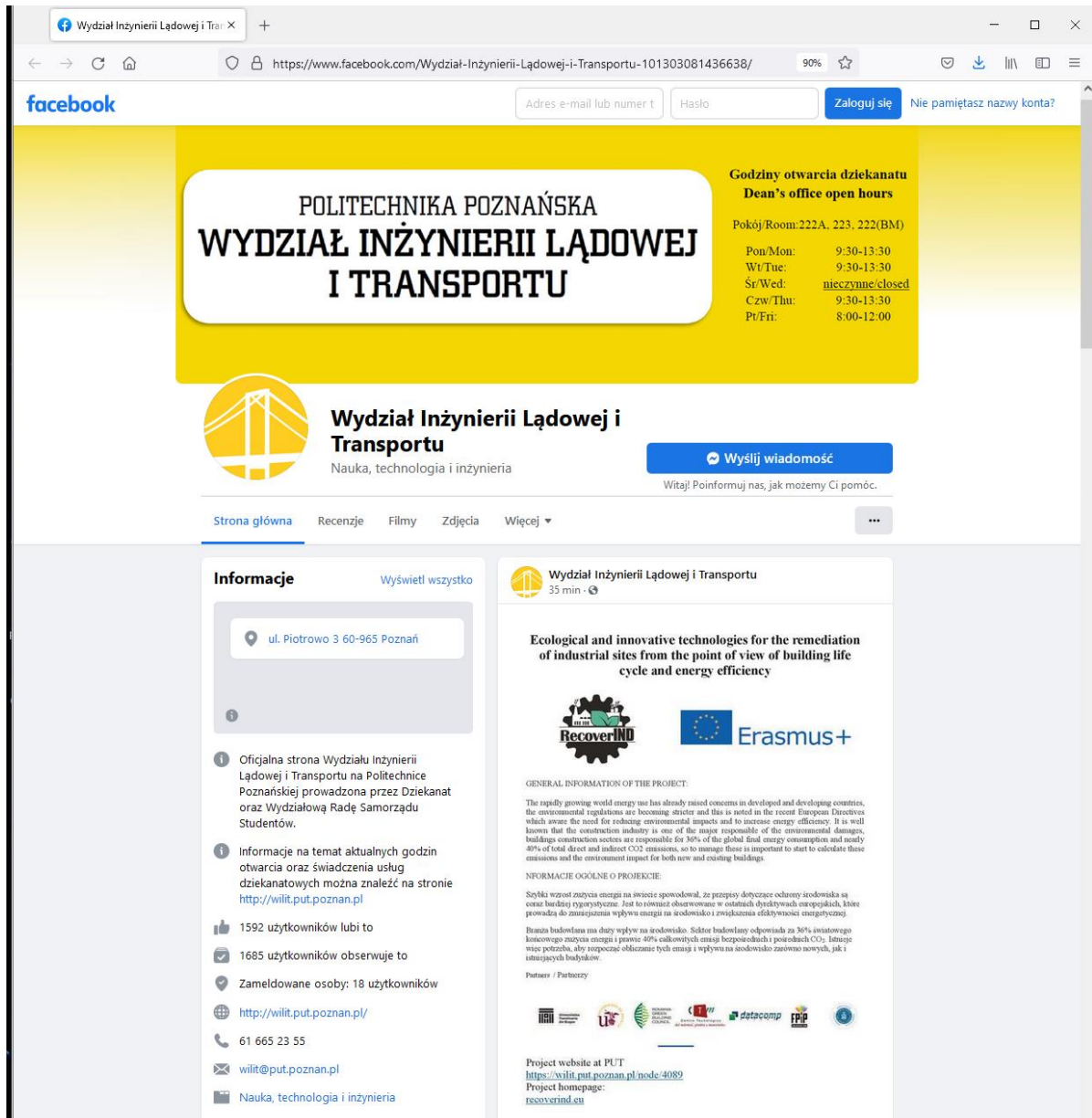
Ecological and innovative technologies for the remediation of industrial sites from the point of view of building life cycle and energy efficiency

RecoverIND

The rapid increase in energy consumption worldwide has resulted in increasingly stringent environmental regulations. This is also observed in recent European directives, which lead to a reduction in the environmental impact of energy and an increase in energy efficiency.

The construction industry has a major impact on the environment. The construction sector is responsible for 36% of the world's final energy consumption and almost 40% of

- PUT provided information about the project RecoverIND on its Facebook profile with a link to the website:



Wydział Inżynierii Lądowej i Transportu
Nauka, technologia i inżynieria

Godziny otwarcia dziekanatu
Dean's office open hours

Pokój Room: 222A, 223, 222(BM)

Pon/Mon:	9:30-13:30
Wt/Tue:	9:30-13:30
Sr/Wed:	nieczymne/closed
Czw/Thu:	9:30-13:30
Pt/Fri:	8:00-12:00

Wydział Inżynierii Lądowej i Transportu
Nauka, technologia i inżynieria

Witaj! Poinformuj nas, jak możemy Ci pomóc.

Informacje Wyświetl wszystko

ul. Piotrowo 3 60-965 Poznań

1 Oficjalna strona Wydziału Inżynierii Lądowej i Transportu na Politechnice Poznańskiej prowadzona przez Dziekanat oraz Wydziałową Radę Samorządu Studentów.

2 Informacje na temat aktualnych godzin otwarcia oraz świadczenia usług dziekanatowych można znaleźć na stronie <http://wilit.put.poznan.pl>

1592 użytkowników lubi to

1685 użytkowników obserwuje to

Zameldowane osoby: 18 użytkowników

<http://wilit.put.poznan.pl/>



61 665 23 55

wilit@put.poznan.pl

Nauka, technologia i inżynieria

Wydział Inżynierii Lądowej i Transportu
35 min · 🌐

Ecological and innovative technologies for the remediation of industrial sites from the point of view of building life cycle and energy efficiency

GENERAL INFORMATION OF THE PROJECT:


The rapidly growing world energy use has already raised concerns in developed and developing countries, the environmental regulations are becoming stricter and this is noted in the recent European Directives which advise the need for reducing environmental impacts and to increase energy efficiency. It is well known that the construction industry is one of the major responsible of the environmental damages, buildings construction sector are responsible for 36% of the global final energy consumption and nearly 40% of total direct and indirect CO₂ emissions, so to manage these is important to start to calculate these emissions and the environment impact for both new and existing buildings.

INFORMACJE OGÓLNE O PROJEKcie:

Szybki wzrost zużycia energii na świecie spowodował, że przepisy dotyczące ochrony środowiska są coraz bardziej rygorystyczne. Jest to również obserwowane w ostatnich dyrektywach europejskich, które prowadzą do zmniejszenia wpływu energii na środowisko i zwiększenia efektywności energetycznej.

Branża budowlana ma duży wpływ na środowisko. Sektor budowlany odpowiada za 36% światowego końcowego zużycia energii i prawie 40% całkowitych emisji bezpośrednich i pośrednich CO₂. Istnieje więc potrzeba, aby rozpocząć obliczanie tych emisji i wpływu na środowisko zarówno nowych, jak i istniejących budynków.

Partners / Partnerzy:



Project website at PUT
<https://wilit.put.poznan.pl/node/4089>
Project homepage:
recoverind.eu

- ZSB1 has created a separate section for the RecoverIND project on its website, where all information about the project, its goals and results is posted.

Link do strony: <https://zsb1.poznan.pl/projekty/>



Nazwa projektu: EKOLOGICZNE I INNOWACYJNE TECHNOLOGIE ODZYSKIWANIA OBSZARÓW PRZEMYSŁOWYCH Z LCA I PUNKTU WIDZENIA EFEKTYWNOŚCI ENERGETYCZNEJ (RecoverIND)

Czas trwania projektu: 01.12.2020 – 30.11.2022.

Koordynator projektu: Universitatea Transilvania din Brasov

Organizacje uczestniczące:

- ASOCIATIA ROMANIA GREEN BUILDING COUNCIL
- FUNDATIA PENTRU FORMARE PROFESIONALA SI INVATAMANT PREUNIVERSITAR VIITOR
- POLITECHNIKA POZNAŃSKA
- UNIVERSIDAD DE SEVILLA
- UNIVERSITATEA TRANSILVANIA DIN BRASOV
- ZESPÓŁ SZKÓŁ BUDOWNICTWA NR 1 W POZNANIU

PARTNER'S OWN SOCIAL NETWORKS

Facebook:



DISSEMINATION ACTIONS FOR INTERIM REPORT OF RecoverIND PROJECT

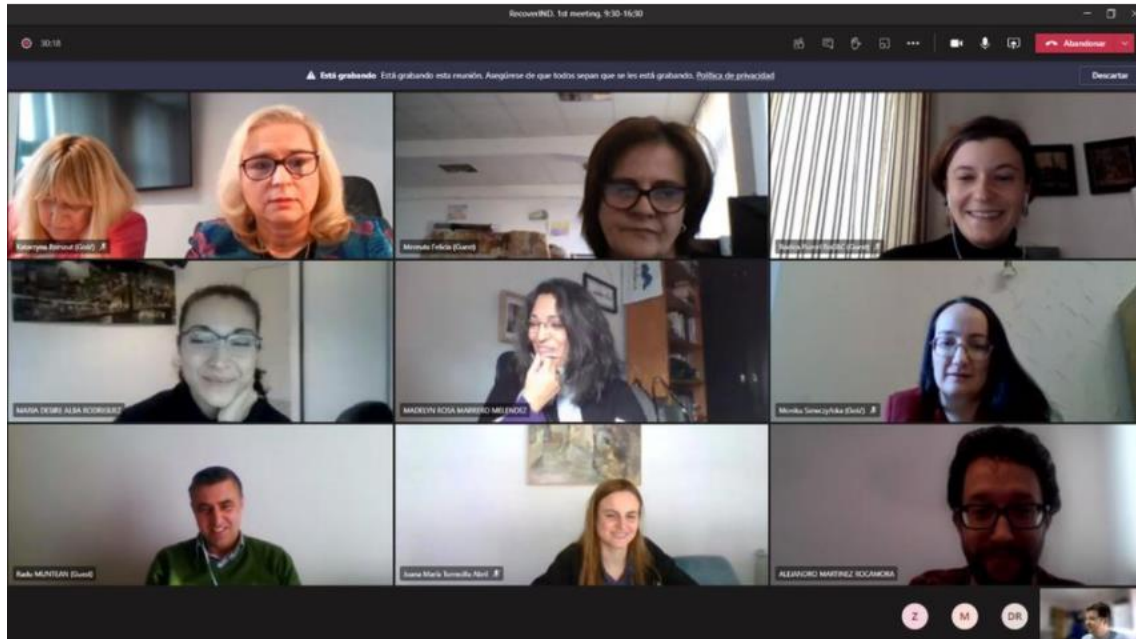


Centro Tecnológico del Mármol

15 de febrero a las 13:45 · 🌐

Celebrado el primer encuentro online del proyecto europeo RecoverIND.

<https://ctmarmol.es/celebrado-el-primer-encuentro-online.../>



👍 3

👍 Me gusta

💬 Comentar

➦ Compartir



DISSEMINATION ACTIONS FOR INTERIM REPORT OF RecoverIND PROJECT



RoGBC published on its Facebook profile a newsletter for announcing one year of RecoverIND project.

DISSEMINATION ACTIONS FOR INTERIM REPORT OF RecoverIND PROJECT



Romania Green Building Council
10 December at 10:35 · 🌐

! One Year of RecoverIND - Project about RECOVERING INDUSTRIAL AREAS FROM LCA AND ENERGY EFFICIENCY POINT OF VIEW

🌱 RecoverIND (Ecological and Innovative Technologies for recovering industrial areas from LCA and Energy Efficiency point of view) is a project funded by the Erasmus+ program and aims to deepen the interconnection between energy efficiency, Life Cycle Assessment (LCA) and the use of advanced technologies for building design and rehabilitation of the construction sector, with the need to improve knowledge in the education sector.

🍀 The project is developed on the basis of an international partnership consisting of three entities from Romania and four from Spain and Poland: Transylvania University of Brasov (UTB) which is the initiator and leader of the project, Fundația pentru formare profesională și învățământ preuniversitar VIITOR, Romania Green Building Council (RoGBC), Asociación Empresarial de Investigación Centro Tecnológico del Mármol, Piedra y Materiales (CTM) – Spain, Universidad De Sevilla – Spain, Zespół Szkół Budownictwa Nr. 1 – Poland and Politechnika Poznańska Poznan – Poland.

More about: <https://recoverind.eu/>

Universitatea TRANSILVANIA din Brasov
Universidad de Sevilla
Politechnika Poznańska



RecoverIND

ROMANIA GREEN BUILDING COUNCIL

Co-funded by the Erasmus+ Programme of the European Union

Logos of partners: ITBI, Universidad Transilvania din Brasov, CTM, VIITOR, UTB, RoGBC, FPIP, Universidad de Sevilla, Zespół Szkół Budownictwa Nr. 1, Politechnika Poznańska.

You and 2 others · 1 share

Like · Comment · Share



Dorin Beu
10 December at 10:38 · 🌐

RecoverIND

ROMANIA GREEN BUILDING COUNCIL

Co-funded by the Erasmus+ Programme of the European Union

Logos of partners: ITBI, Universidad Transilvania din Brasov, CTM, VIITOR, UTB, RoGBC, FPIP, Universidad de Sevilla, Zespół Szkół Budownictwa Nr. 1, Politechnika Poznańska.

Romania Green Building Council
10 December at 10:35 · 🌐

! One Year of RecoverIND - Project about RECOVERING INDUSTRIAL AREAS FROM LCA AND ENERGY EFFICIENCY POINT OF VIEW

🌱 RecoverIND (Ecological and Innovative Techno... See more

You, Iulia Țuiu and 11 others

Like · Comment · Share

ZSB1 published information about the project on its Facebook profile.

Link to the page: <https://www.facebook.com/rybaki17/posts/405378434670725>

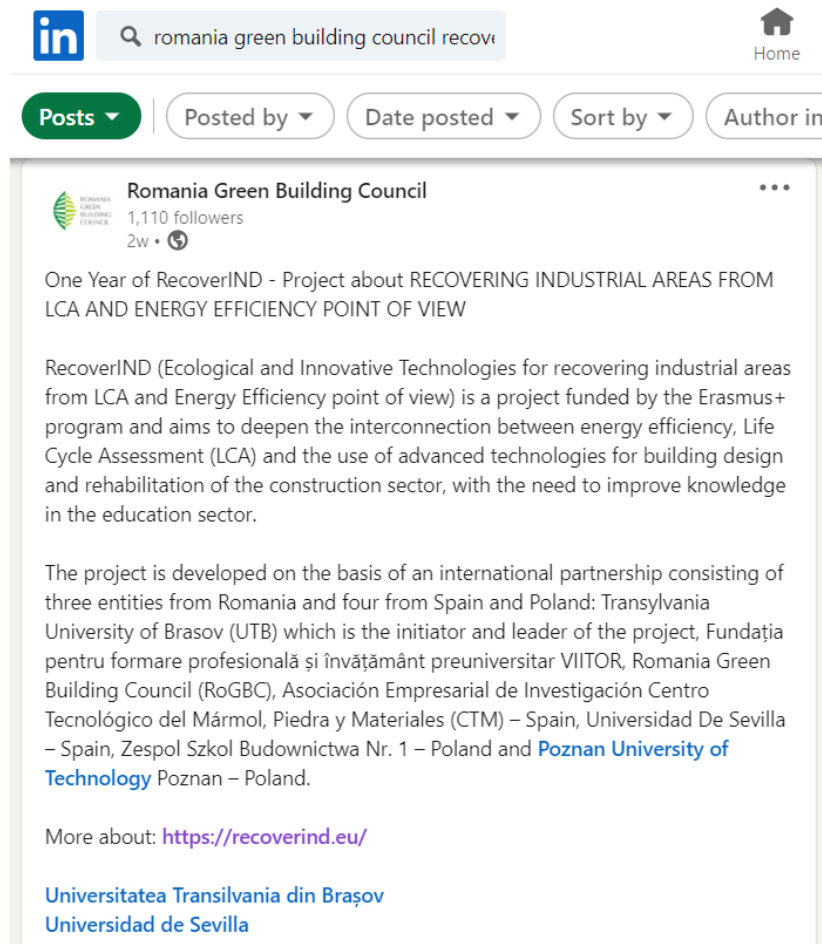


Twitter:



LinkedIN:

RoGBC published on the LinkedIn profile a newsletter for announcing one year of RecoverIND project.



The screenshot shows a LinkedIn post from the Romania Green Building Council. The post title is "One Year of RecoverIND - Project about RECOVERING INDUSTRIAL AREAS FROM LCA AND ENERGY EFFICIENCY POINT OF VIEW". The post text describes the RecoverIND project, its funding by the Erasmus+ program, and its goals. It also lists the international partnership members: Transylvania University of Brasov (UTB), Fundația pentru formare profesională și învățământ preuniversitar VIITOR, Romania Green Building Council (RoGBC), Asociación Empresarial de Investigación Centro Tecnológico del Mármol, Piedra y Materiales (CTM) – Spain, Universidad De Sevilla – Spain, Zespół Szkół Budownictwa Nr. 1 – Poland, and Poznan University of Technology Poznan – Poland. The post includes a link to the project website and mentions the participating universities: Universitatea Transilvania din Brașov and Universidad de Sevilla.



5. BANNERS AND MENTIONS IN OTHER WEBSITES

5.1 BANNERS

A first version of a banner was designed sent them to all partners, so they would include them on their websites and every channel of dissemination on their hand.

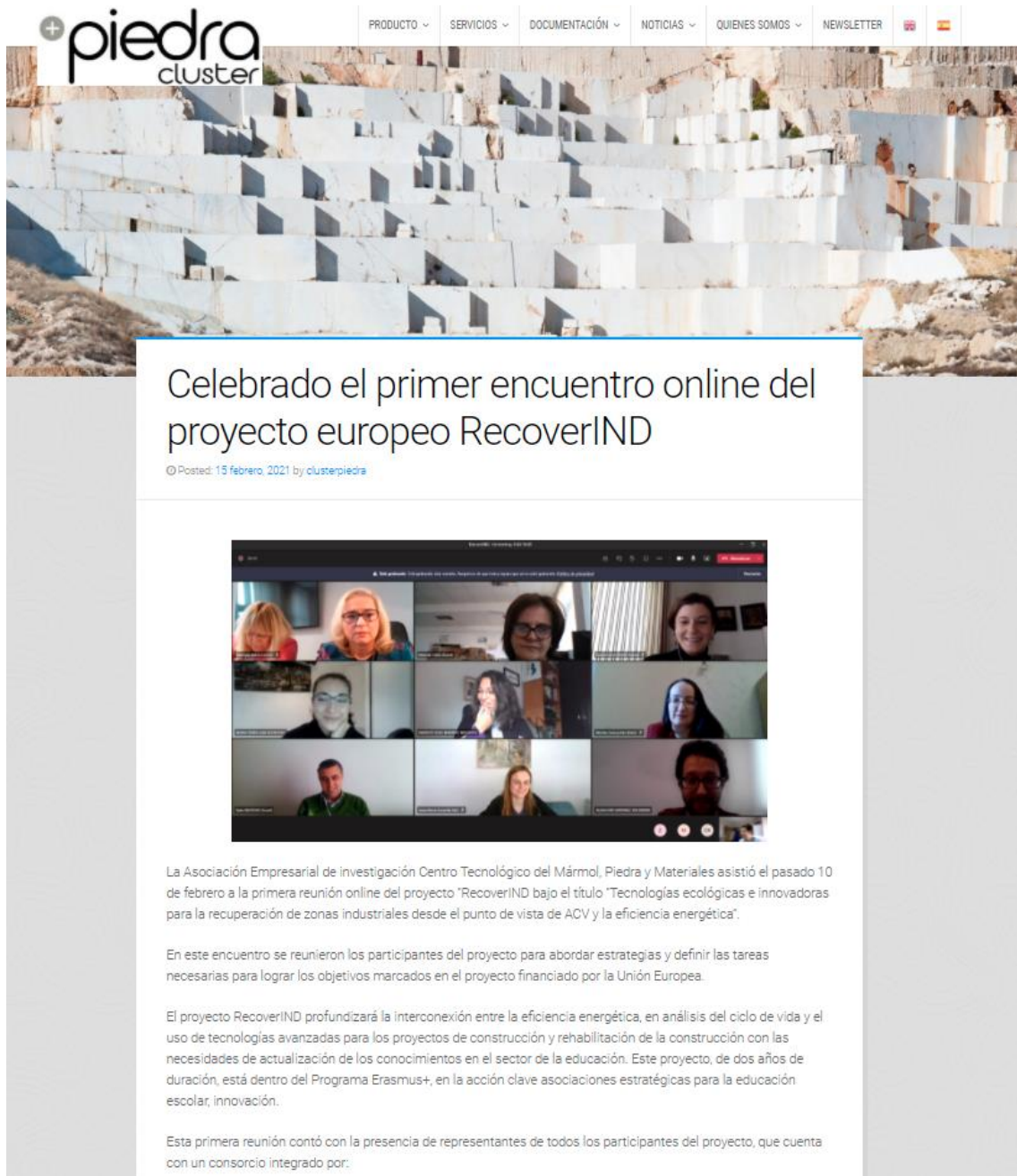


5.2 MENTIONS ON WEBSITES

- Cluster Piedra published a news of the beginning of the RecoverIND project in its website: <https://clusterpiedra.com/2020/11/comienza-el-proyecto-europeo-recoverind-del-programa-erasmus/>



- Cluster Piedra published a news of the first meeting online of the RecoverIND project in its website: <https://clusterpiedra.com/2020/11/comienza-el-proyecto-europeo-recoverind-del-programa-erasmus/>



Cluster Piedra | PRODUCTO | SERVICIOS | DOCUMENTACIÓN | NOTICIAS | QUIENES SOMOS | NEWSLETTER

Celebrado el primer encuentro online del proyecto europeo RecoverIND

© Posted: 15 febrero, 2021 by clusterpiedra

La Asociación Empresarial de investigación Centro Tecnológico del Mármol, Piedra y Materiales asistió el pasado 10 de febrero a la primera reunión online del proyecto "RecoverIND bajo el título "Tecnologías ecológicas e innovadoras para la recuperación de zonas industriales desde el punto de vista de ACV y la eficiencia energética".

En este encuentro se reunieron los participantes del proyecto para abordar estrategias y definir las tareas necesarias para lograr los objetivos marcados en el proyecto financiado por la Unión Europea.

El proyecto RecoverIND profundizará la interconexión entre la eficiencia energética, en análisis del ciclo de vida y el uso de tecnologías avanzadas para los proyectos de construcción y rehabilitación de la construcción con las necesidades de actualización de los conocimientos en el sector de la educación. Este proyecto, de dos años de duración, está dentro del Programa Erasmus+, en la acción clave asociaciones estratégicas para la educación escolar, innovación.

Esta primera reunión contó con la presencia de representantes de todos los participantes del proyecto, que cuenta con un consorcio integrado por:

- Cluster Piedra published a news of the first meeting online of the RecoverIND project in its website: <https://clusterpiedra.com/2021/04/celebrada-la-reunion-de-seguimiento-del-proyecto-recoverind/>



+ piedra cluster

PRODUCTO ▾ SERVICIOS ▾ DOCUMENTACIÓN ▾ NOTICIAS ▾ QUIÉNES SOMOS ▾ NEWSLETTER  

Celebrada la reunión de seguimiento del proyecto RecoverIND

© Publicado 21 abril, 2021 by Neelke Gerdes



El pasado martes, 13 de abril, la Asociación Empresarial de Investigación Centro Tecnológico del Mármol, Piedra y Materiales asistió a la reunión de seguimiento del proyecto "RecoverIND" bajo el título "Tecnologías ecológicas e innovadoras para la recuperación de zonas industriales desde el punto de vista de ACV y la eficiencia energética".

En este encuentro, se realizó un seguimiento de las tareas realizadas en esta primera fase del proyecto y se marcaron los siguientes pasos para la continuación y desarrollo de RecoverIND.

Esta reunión contó con la presencia de representantes de todos los participantes del proyecto, que cuenta con un consorcio integrado por:

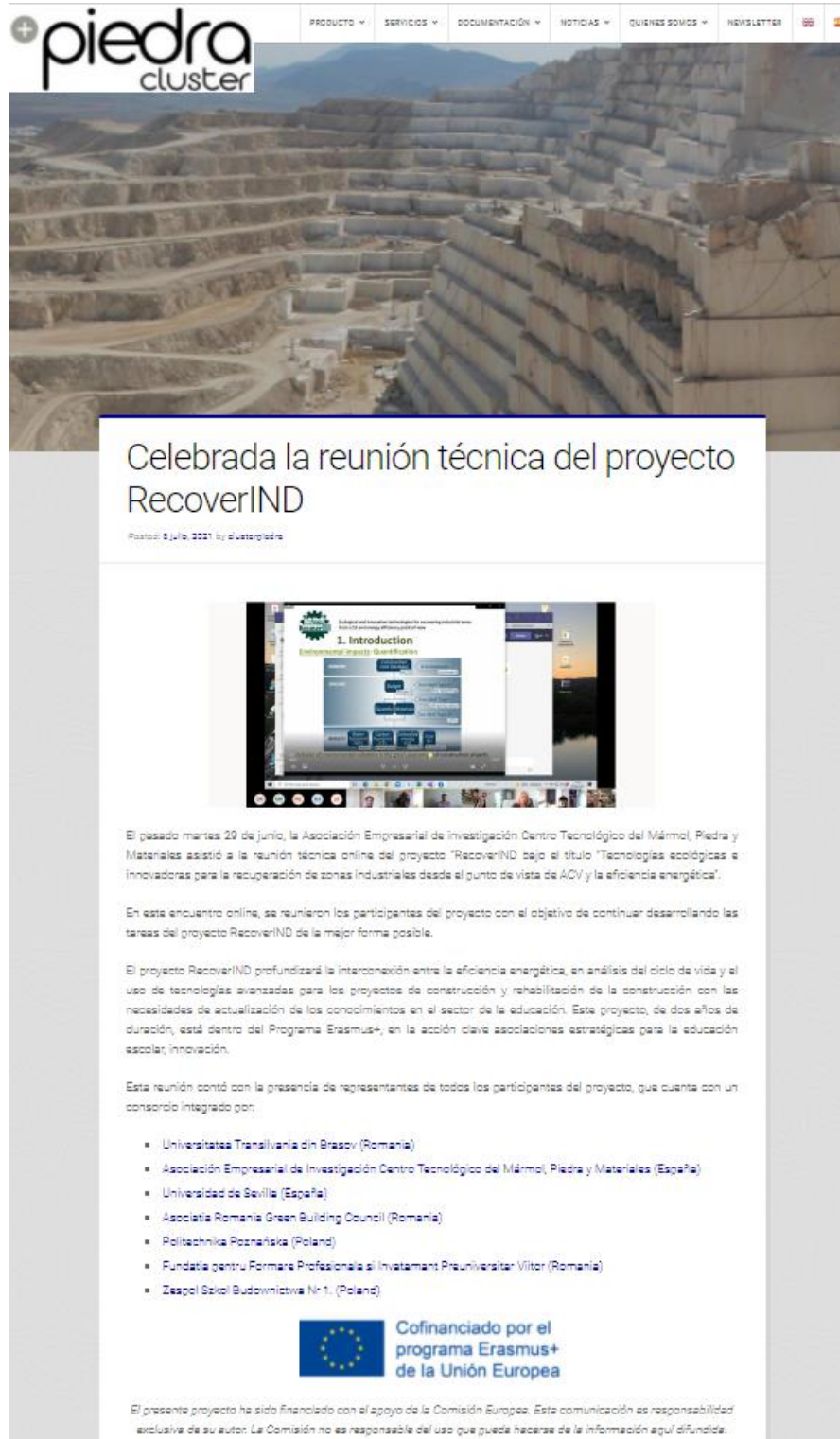
- Universitatea Transilvania din Brasov (Romania)
- Asociación Empresarial de Investigación Centro Tecnológico del Mármol, Piedra y Materiales (España)
- Universidad de Sevilla (España)
- Asociația România Green Building Council (Romania)
- Politechnika Poznańska (Poland)
- Fundația pentru Formare Profesională și Invatamant Preuniversitar Viitor (Romania)
- Zespół Szkół Budownictwa Nr 1. (Poland)

 **Cofinanciado por el programa Erasmus+ de la Unión Europea**

El presente proyecto ha sido financiado con el apoyo de la Comisión Europea. Esta comunicación es responsabilidad exclusiva de su autor. La Comisión no es responsable del uso que pueda hacerse de la información aquí difundida.



- Cluster Piedra published a news of the first meeting online of the RecoverIND project in its website: <https://clusterpiedra.com/2021/07/celebrada-la-reunion-tecnica-del-proyecto-recoverind/>



The screenshot shows a website for 'piedra cluster' with a navigation menu (PRODUCTO, SERVICIOS, DOCUMENTACIÓN, NOTICIAS, QUIENES SOMOS, NEWSLETTER) and a large background image of a quarry. The main article is titled 'Celebrada la reunión técnica del proyecto RecoverIND' and is dated 'Pasado: 8 julio 2021 by elustropiedra'. It features a video player showing a presentation slide titled '1. Introduction' with the subtitle 'Estrategias para la Recuperación'. The text of the article describes an online technical meeting held on June 29th, 2021, involving the Piedra y Materiales Association and other consortium members. It lists the following participants:

- Universitatea Transilvania din Brasov (Romania)
- Asociación Empresarial de Investigación Centro Tecnológico del Mármol, Piedra y Materiales (España)
- Universidad de Sevilla (España)
- Asociatia Romania Green Building Council (Romania)
- Politechnika Poznańska (Poland)
- Fundatia pentru Formare Profesionala si Invatamant Preuniversitar Viitor (Romania)
- Zespół Szkół Budownictwa Nr 1 (Poland)

The article also includes the Erasmus+ logo and the text 'Cofinanciado por el programa Erasmus+ de la Unión Europea'. A disclaimer at the bottom states: 'El presente proyecto ha sido financiado con el apoyo de la Comisión Europea. Esta comunicación es responsabilidad exclusiva de su autor. La Comisión no es responsable del uso que pueda hacerse de la información aquí difundida.'

- MARSA published a news of the beginning of the RecoverIND project in its website: <https://clusterpiedra.com/2020/11/comienza-el-proyecto-europeo-recoverind-del-programa-erasmus/>



MARSA
ASOCIACIÓN DE EMPRESARIOS DEL MÁRMOL Y DE LA PIEDRA DE LA REGIÓN DE MURCIA

NOTICIAS PROMOCIÓN INFORMACIÓN FORMACIÓN

February 2021

Su Mo Tu We Th Fr Sa

31	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28						

MURCIA INDUSTRIAL PROGRAMA DE AYUDAS

Te formas parte de la Cuarta Revolución Industrial

Ayudas e incentivos Para la CCAA de Murcia

Compartir

f Twitter in G B M Envelope Print +

Noticias

Comienza el proyecto europeo RecoverIND del programa Erasmus+

La Asociación Empresarial de investigación Centro Tecnológico del Mármol, Piedra y Materiales participa en el proyecto REcoverIND bajo el título "Tecnologías ecológicas e innovadoras para la recuperación de zonas industriales desde el punto de vista de ACV y la eficiencia energética".

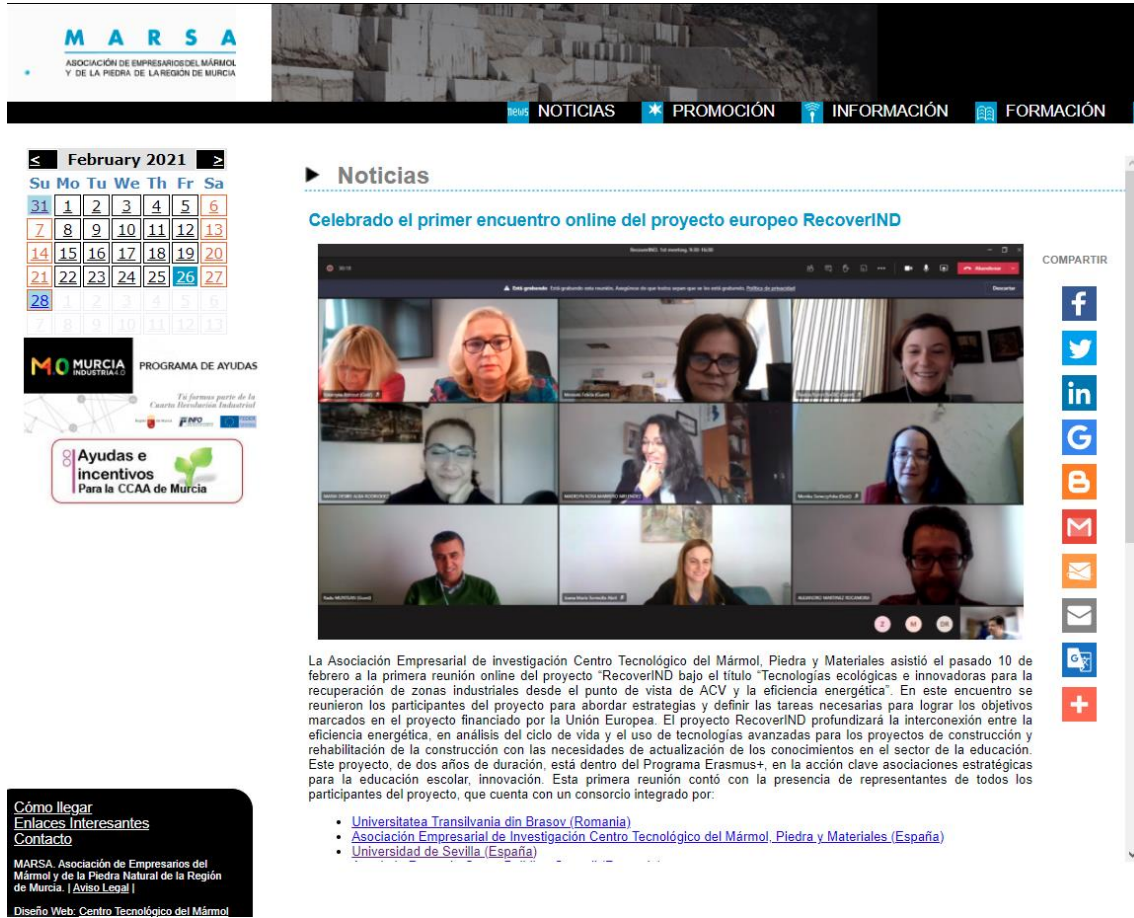
El proyecto REcoverIND profundizará la interconexión entre la eficiencia energética, en análisis del ciclo de vida y el uso de tecnologías avanzadas para los proyectos de construcción y rehabilitación de la construcción con las necesidades de actualización de los conocimientos en el sector de la educación.

Cómo llegar
Enlaces Interesantes
Contacto

MARSA. Asociación de Empresarios del Mármol y de la Piedra Natural de la Región de Murcia. | Aviso Legal |

- MARSA published a news of the First online meeting of the RecoverIND project in its website: <https://marsa.es/detallenoticia.aspx?id=2337&tipo=Noticias>

DISSEMINATION ACTIONS FOR INTERIM REPORT OF RecoverIND PROJECT



MARS A
ASOCIACIÓN DE EMPRESARIOS DEL MÁRMOL Y DE LA PIEDRA DE LA REGIÓN DE MURCIA

NOTICIAS PROMOCIÓN INFORMACIÓN FORMACIÓN

February 2021

Noticias

Celebrado el primer encuentro online del proyecto europeo RecoverIND

La Asociación Empresarial de investigación Centro Tecnológico del Mármol, Piedra y Materiales asistió el pasado 10 de febrero a la primera reunión online del proyecto "RecoverIND bajo el título "Tecnologías ecológicas e innovadoras para la recuperación de zonas industriales desde el punto de vista de ACV y la eficiencia energética". En este encuentro se reunieron los participantes del proyecto para abordar estrategias y definir las tareas necesarias para lograr los objetivos marcados en el proyecto financiado por la Unión Europea. El proyecto RecoverIND profundizará la interconexión entre la eficiencia energética, en análisis del ciclo de vida y el uso de tecnologías avanzadas para los proyectos de construcción y rehabilitación de la construcción con las necesidades de actualización de los conocimientos en el sector de la educación. Este proyecto, de dos años de duración, está dentro del Programa Erasmus+ en la acción clave asociaciones estratégicas para la educación escolar, innovación. Esta primera reunión contó con la presencia de representantes de todos los participantes del proyecto, que cuenta con un consorcio integrado por:

- [Universitatea Transilvania din Brasov \(Romania\)](#)
- [Asociación Empresarial de Investigación Centro Tecnológico del Mármol, Piedra y Materiales \(España\)](#)
- [Universidad de Sevilla \(España\)](#)

COMPARTIR

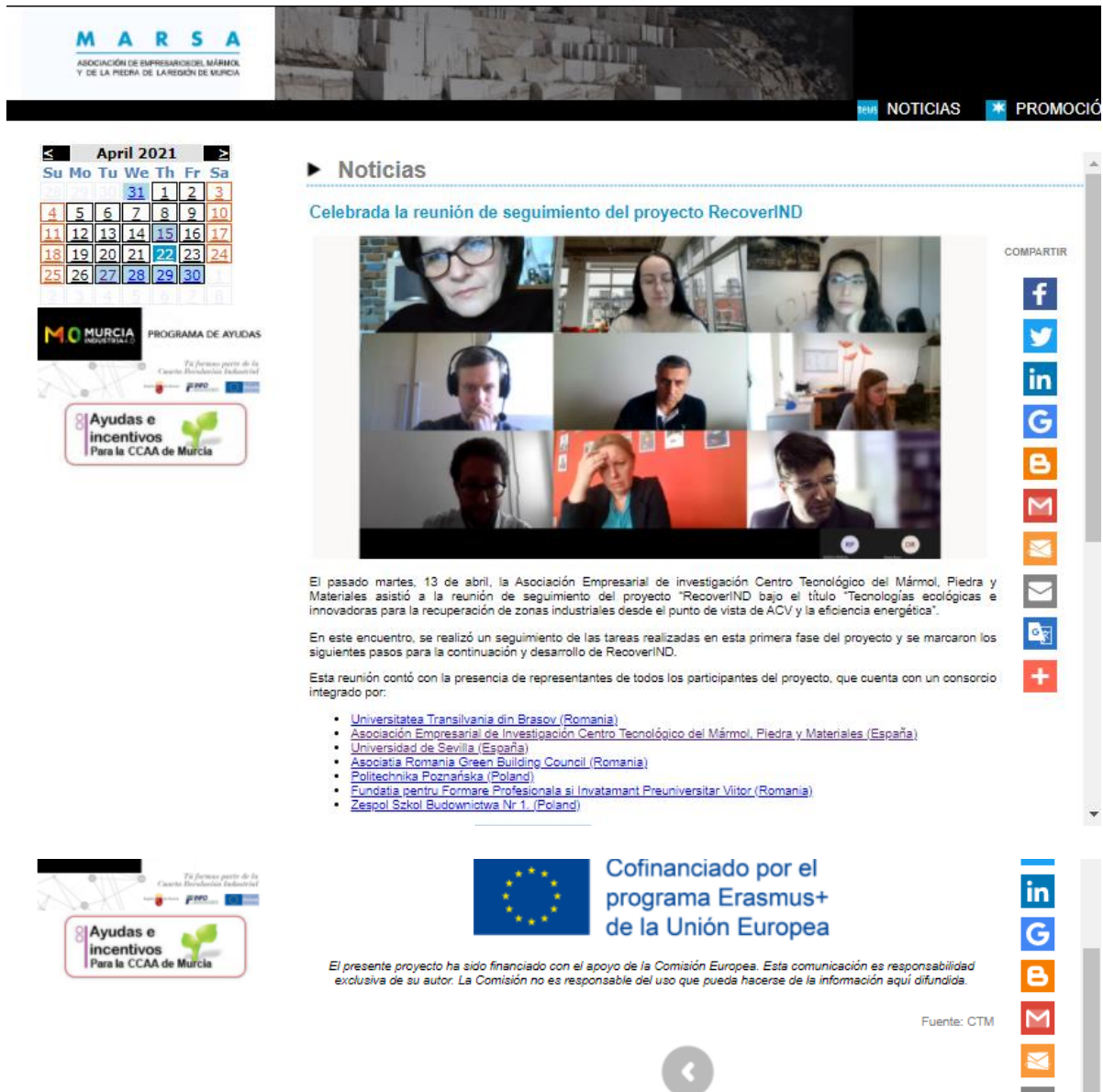
Cómo llegar
Enlaces Interesantes
Contacto

MARS A, Asociación de Empresarios del Mármol y de la Piedra Natural de la Región de Murcia. | Aviso Legal |

Diseño Web: Centro Tecnológico del Mármol

- MARS A published a news of the technical online meeting of the RecoverIND project in its website: <https://marsa.es/detallenoticia.aspx?id=2380&tipo=Noticias>

DISSEMINATION ACTIONS FOR INTERIM REPORT OF RecoverIND PROJECT



MARS A
ASOCIACIÓN DE EMPRESARIOS DEL MÁRMOL Y DE LA PIEDRA DE LA REGIÓN DE MURCIA

NOTICIAS PROMOCIÓN

Noticias

Celebrada la reunión de seguimiento del proyecto RecoverIND

El pasado martes, 13 de abril, la Asociación Empresarial de investigación Centro Tecnológico del Mármol, Piedra y Materiales asistió a la reunión de seguimiento del proyecto "RecoverIND bajo el título "Tecnologías ecológicas e innovadoras para la recuperación de zonas industriales desde el punto de vista de ACV y la eficiencia energética".

En este encuentro, se realizó un seguimiento de las tareas realizadas en esta primera fase del proyecto y se marcaron los siguientes pasos para la continuación y desarrollo de RecoverIND.

Esta reunión contó con la presencia de representantes de todos los participantes del proyecto, que cuenta con un consorcio integrado por:

- [Universitatea Transilvania din Brasov \(Romania\)](#)
- [Asociación Empresarial de Investigación Centro Tecnológico del Mármol, Piedra y Materiales \(España\)](#)
- [Universidad de Sevilla \(España\)](#)
- [Asociatia Romania Green Building Council \(Romania\)](#)
- [Politechnika Poznańska \(Poland\)](#)
- [Fundatia pentru Formare Profesionala si Invatamant Preuniversitar Viitor \(Romania\)](#)
- [Zespol Szkol Budownictwa Nr 1 \(Poland\)](#)

Fuente: CTM

- MARS A published a news of the technical online meeting of the RecoverIND project in its website: <https://marsa.es/detallenoticia.aspx?id=2394&tipo=Noticias>

DISSEMINATION ACTIONS FOR INTERIM REPORT OF RecoverIND PROJECT



The screenshot shows a website with a navigation menu (NOTICIAS, PROMOCIÓN, INFORMACIÓN, FORMACIÓN, ASOCIADOS, MATERIALES) and a calendar for July 2021. The main content is a news article with a video player showing a presentation slide titled '1. Introduction' and 'Environmental impacts: Quantification'. Below the video, there is text in Spanish describing the meeting and a list of participating organizations. At the bottom, there is a logo for 'Cofinanciado por el programa Erasmus+ de la Unión Europea' and a source attribution to CTM.

6. SEMINARS, FAIRS AND MENTIONS

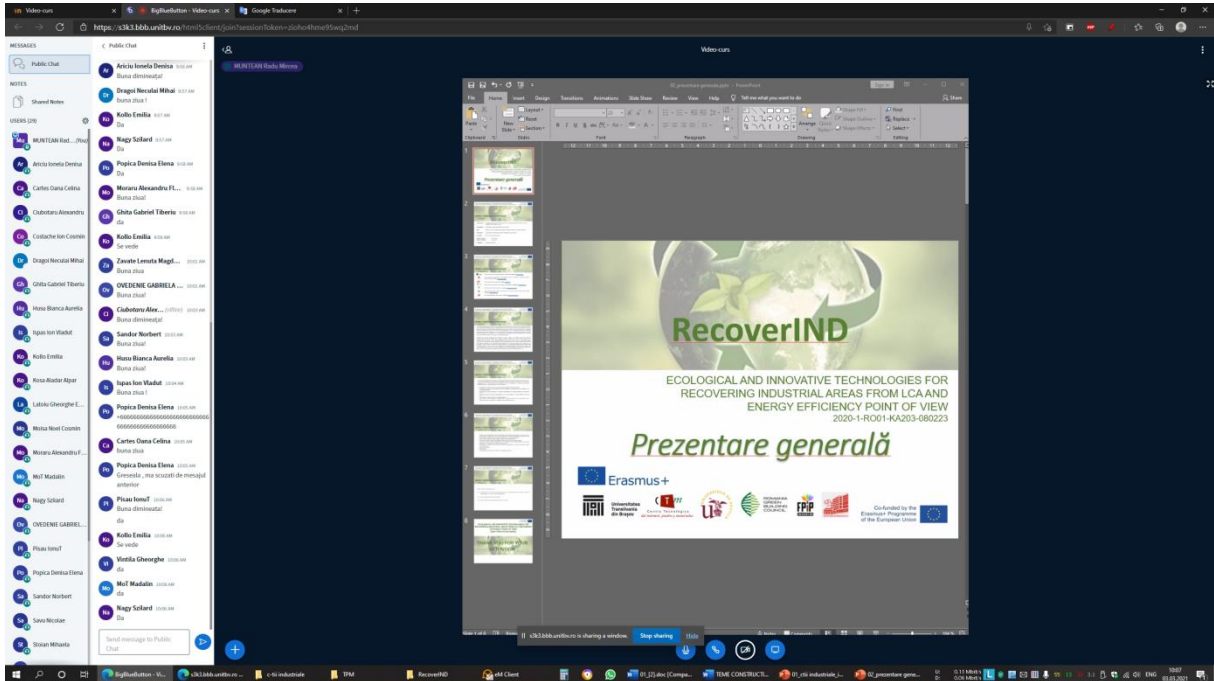
6.1 FAIRS AND SEMINARS

Some of the partners has organised or assisted to fairs and seminars linked to the project. As follow, can be checked some examples:

UNITBv presented the project to students of the 4th year of study – Faculty of Civil Engineering:

- March 2021, 29 participants

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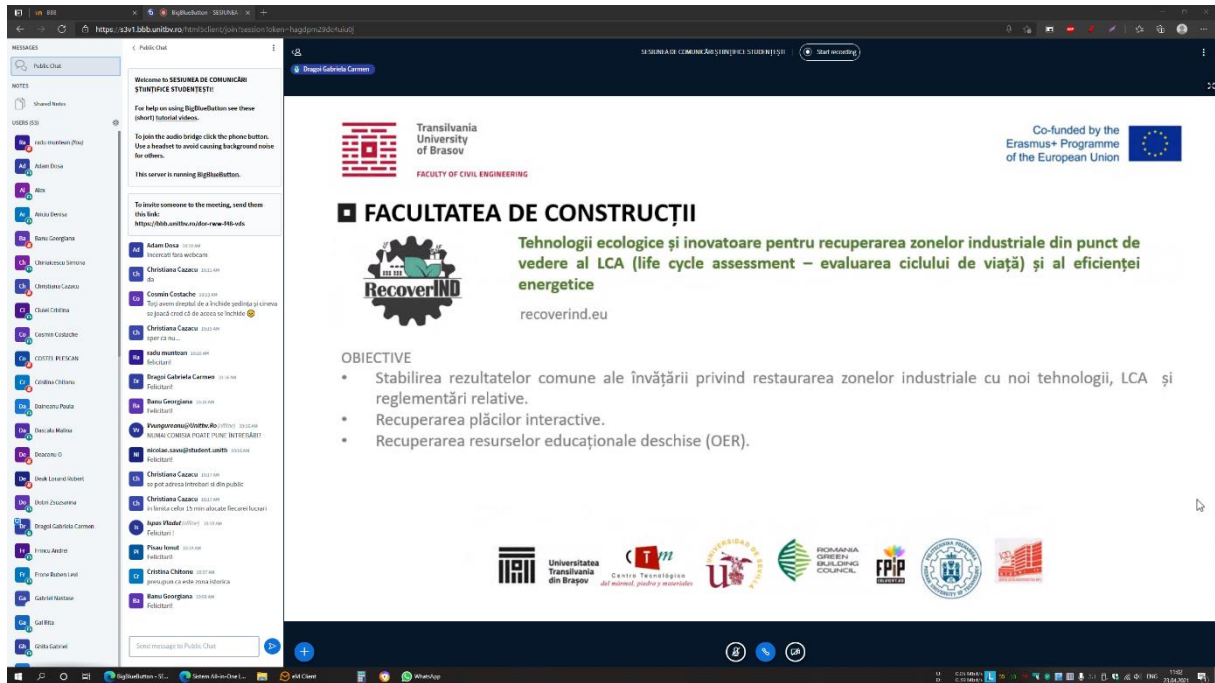


Project presentation to students of the 1st year of study – Faculty of Civil Engineering – April 2021, 30+ participants in 2 groups



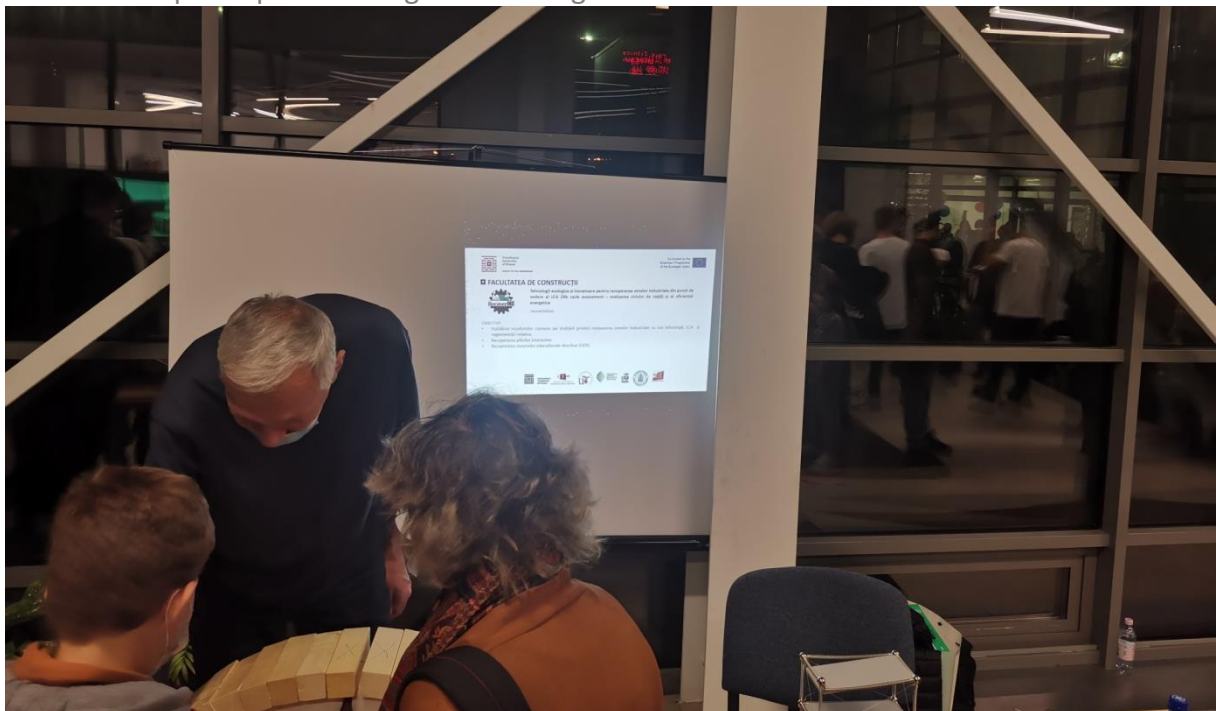
DISSEMINATION ACTIONS FOR INTERIM REPORT OF RecoverIND PROJECT

Student Scientific Communications Session – 23th of April 2021 – Faculty of Civil Engineering, UNITBv, online – 50+ participants



UNITBv presented the project into the European Researchers Night – 24th of September 2021. The event was organized by UNITBv to promote the research activities:

- 500+ participants during one evening.



DISSEMINATION ACTIONS FOR INTERIM REPORT OF RecoverIND PROJECT

The 16th International Scientific Conference CIBv - Civil Engineering and Building Services 2021, 4 – 5 November 2021, organised by the Faculty of Civil Engineering (UNITBV) online

- presentation of the project and project's objectives.
- 65+ participants from 7 countries: Romania, China, Japan, Rusia, Serbia, USA, Germany



Multiplier event for BIMHealthy project 24 November 2021, at R&D Institute of Transilvania University of Braşov (ICDT), 50+ participants

- presentation of the project and project's objectives.



Project presentation to students of the 3rd year of study – Faculty of Civil Engineering (UNITbv) – November 2021, 30+ participants



- CTM was present at the Verona 2021 fair where professionals from the construction sector attended (29/09-2/1/2021).

MARMO+MACTM
THE BIGGEST **STONE + DESIGN + TECHNOLOGY** TRADE FAIR
VERONA, ITALY

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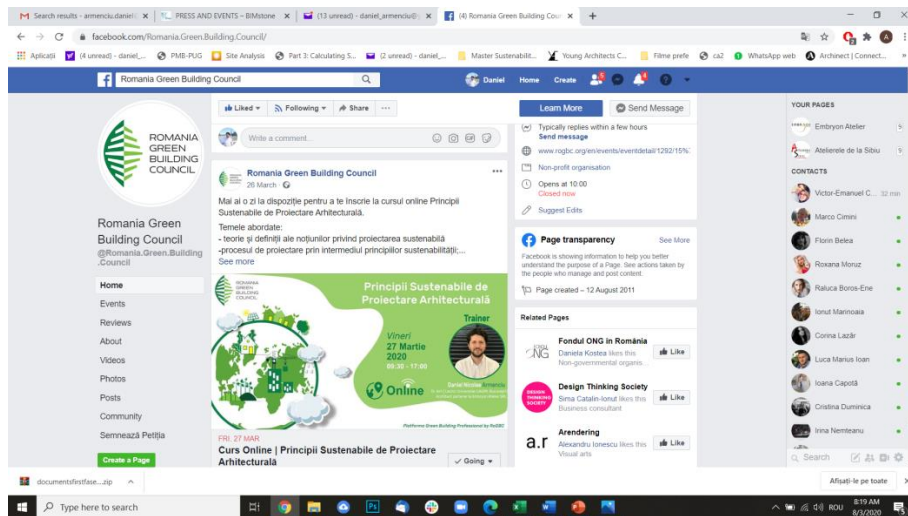
- CTM presented the RecoverIND in Innovam+ fair in Murcia (09/11/2021)

DISSEMINATION ACTIONS FOR INTERIM REPORT OF RecoverIND PROJECT



DISSEMINATION ACTIONS FOR INTERIM REPORT OF RecoverIND PROJECT

- Daniel N. Armenciu from RoGBC presented the RecoverIND project and its products in Professional Certification & Training program organised by RoGBC on March 26, 2021 and September 24, 2021 within the online course entitled Green Design Principles.



GREEN DESIGN PRINCIPLES

Lect. Ph.D. arch. Daniel Nicolae Armenciu
armenciu.daniel@gmail.com



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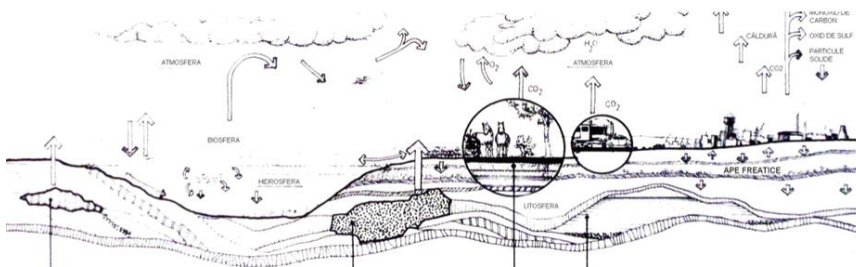
may	Green Design Principles, Bucharest	
26 oct	Monday 26 October 2015 13:30 - 19:00 Green Design Principles, Bucharest	
24 feb	Friday 24 February 2017 09:30 - 17:00 Green Design Principles	
22 sep	Friday 22 September 2017 09:30 - 17:00 Green Design Principles	
16 mar	Friday 16 March 2018 09:30 - 17:00 Green Design Principles	
21 sep	Friday 21 September 2018 09:30 - 17:00 Green Design Principles	
12 apr	Friday 12 April 2019 09:30 - 17:00 Green Design Principles	
13 sep	Friday 13 September 2019 09:30 - 17:00 Green Design Principles	
27 sep	Friday 27 September 2019 09:30 - 17:00 Green Design Principles	
27 mar	Friday 27 March 2020 09:30 - 17:00 Green Design Principles	
30 oct	Friday 30 October 2020 09:30 - 17:00 Green Design Principles	
26 mar	Friday 26 March 2021 10:00 - 17:00 Green Design Principles	
24 sep	Friday 24 September 2021 10:00 - 17:00 Green Design Principles	

Display # All

- Daniel N. Armenciu from RoGBC presented the RecoverIND project and its products at “Ion Mincu” University of Architecture and Urban Planning (Bucharest, Romania) on „Architectural eco-technology” online course, on May 24, 2021 (64 participants).

ARCHITECTURAL ECO-TECHNOLOGY

Lect. PhD. arch. Daniel Nicolae Armenciu
armenciu.daniel@gmail.com



Life Cycle



Co-funded by the
Erasmus+ Programme
of the European Union



<https://recoverind.eu/>

LIFE CYCLE MANAGEMENT



ARCHITECTURAL ECO-TECHNOLOGY

- USE gave a presentation at the 5th INTERNATIONAL CONFERENCE ON EDUCATIONAL INNOVATION IN CONSTRUCTION EDUCATION at the UNIVERSIDAD POLITÉCNICA DE MADRID, at which it spoke about the RecoverIND project on 24 and 31 March 2021. The recording of the presentation made by USE is available at the following link: <https://www.youtube.com/watch?v=gHIZvp28BA>

DISSEMINATION ACTIONS FOR INTERIM REPORT OF RecoverIND PROJECT



RecoverIND Ecological and Innovative technologies for recovering industrial areas from LCA and Energy Efficiency point of view. 2020-1-RO01-KA203-080223

Co-funded by the Erasmus+ Programme of the European Union

INTRODUCIENDO HERRAMIENTAS DIGITALES INNOVADORAS A ESTUDIANTES DE CONSTRUCCIÓN SOSTENIBLE

EXPERIENCIAS DE APLICACIÓN DE PRODUCTOS DE PROYECTOS ERASMUS+

Alejandro Martínez-Rocamora, Mª Desirée Alba-Rodríguez, Mª Pilar Mercader-Moyano, Jaime Solís-Guzmán, Madelyn Marrero

0:17 / 10:46

Introduciendo herramientas digitales innovadoras a estudiantes de construcción sostenible

Oculto



5th INTERNATIONAL CONFERENCE OF EDUCATIONAL INNOVATION IN BUILDING
5^o Congreso Internacional De Innovación Educativa En Edificación
DEPARTAMENTO DE TECNOLOGÍA DE LA EDIFICACIÓN · E.T.S. DE EDIFICACIÓN
UNIVERSIDAD POLITÉCNICA DE MADRID

CERTIFICADO OTORGADO A:

D. Alejandro Martínez Rocamora

por su participación como PONENTE con la comunicación:

INTRODUCING INNOVATIVE DIGITAL TOOLS TO SUSTAINABLE CONSTRUCTION UNDERGRADUATE STUDENTS: EXPERIENCES APPLYING ERASMUS+ PROJECT OUTPUTS

V CONGRESO INTERNACIONAL DE INNOVACIÓN EDUCATIVA EN EDIFICACIÓN
(5th International Conference of Educational Innovation in Building)
CINIE 2021

celebrado entre los días 24 y 31 de marzo de 2021
Organizado por el Departamento de Tecnología de la Edificación
Escuela Técnica Superior de Edificación (Universidad Politécnica de Madrid)

El Comité Organizador CINIE 2021

D. Carlos Morón Fernández
Director del Departamento
de Tecnología de la Edificación
ETSEM - UPM



PROYECTO RECOVERIND: NUEVAS TECNOLOGÍAS EN REHABILITACIÓN SOSTENIBLE

- Teoría: píldoras educativas sobre nuevas tecnologías para rehabilitación sostenible.
- Práctica: selección de tecnologías apropiadas para el caso de estudio propuesto, e investigación de tecnologías adicionales.
- Conclusiones: plan de acción óptimo para la rehabilitación del caso de estudio y justificación de toma de decisiones.



- USE spoke about its projects under development, including the RecoverIND project, at the Inaugural Lecture at the beginning of the academic year at the School of Building Engineering of the University of Seville. On 8 October 2021.



- USE talked about the RecoverIND project at the I Congreso sobre Innovación y Sostenibilidad en la Vivienda Social ISViS 2021, Granada, November 11th 2021. This day is available on YouTube at the following link: <https://www.youtube.com/watch?v=uCUvKbXTEuA>

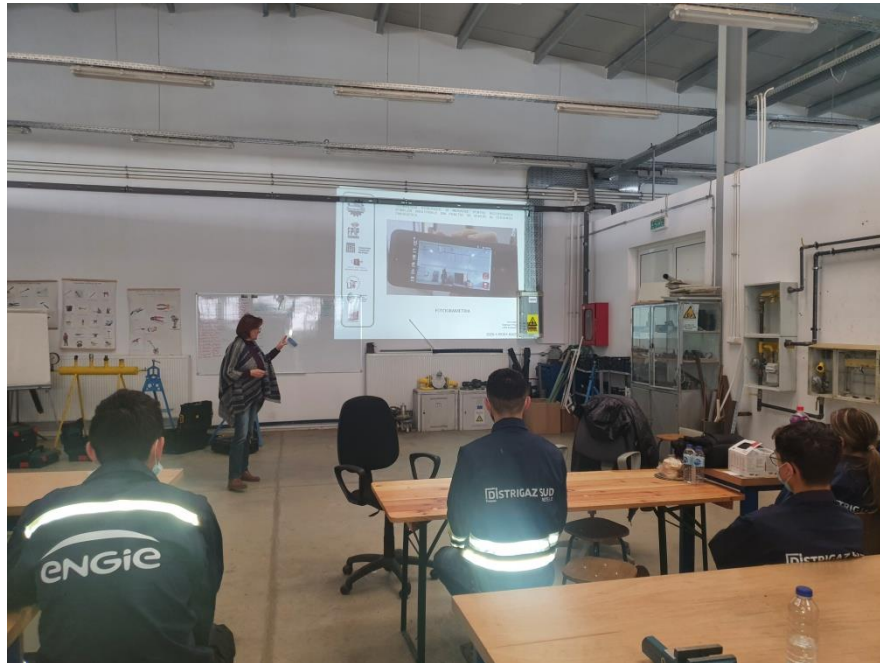
DISSEMINATION ACTIONS FOR INTERIM REPORT OF RecoverIND PROJECT



- The FPIP gave a presentation on the RecoverIND project to VET students in the field of constructions and installations.



DISSEMINATION ACTIONS FOR INTERIM REPORT OF RecoverIND PROJECT



- PUT and ZSB organised an international Seminar, attended by teachers from technical schools, at which information about project RecoverIND was presented.

DISSEMINATION ACTIONS FOR INTERIM REPORT OF RecoverIND PROJECT



-In April and May 2021, information about the project was provided during the "open door" campaign for candidates to ZSB1 school.

- In August 2021, a Polish-German meeting was held in ZSB1 on mutual cooperation in the field of education and in the implementation of projects. During the meeting, cooperation in vocational education was planned, especially in the field of applying modern technological solutions. The RecoverIND project was also discussed.

- In September 2021, a Polish-Finnish meeting was held at ZSB1, attended by representatives of companies and organizations operating in Finland. The subject of the discussion was the exchange of good practices, also in the field of project implementation. The RecoverIND project was also presented during the meeting.



ZSB1 also promotes the RecoverIND project:

- During meetings with representatives of other schools providing vocational education.
- As part of cooperation with employers during the organization of apprenticeships for students of our school.
- During meetings with representatives of universities and the local labor market.

7. FIRST INTERNATIONAL SEMINAR IN POZAN (POLAND).

PUT has prepared an information leaflet inviting to the Seminar planned for March 2022. The leaflet will be distributed at the International Construction and Architecture Fair "BUDMA" in February 2022

DISSEMINATION ACTIONS FOR INTERIM REPORT OF RecoverIND PROJECT



Universitatea Transilvania din Brasov (Rumunia)



Universidad de Sevilla (Hiszpania)



Asociación Empresarial de Investigación Centro Tecnológico del Mármol, Piedra y Materiales (Hiszpania)



Asociația Romania Green Building Council (Rumunia)



Poznan University of Technology (Poland)



Fundatia pentru Formare Profesionala si Invatamant Preuniversitar Viitor (Rumunia)



Building Construction School Complex No. 1. in Poznań (Polska)

<https://recoverind.eu/>



ecological
and innovative
technologies

reclamation
of industrial sites

in terms of

the life cycle of a building

and energy
efficiency



Project goals

RecoverIND

- increased awareness of environmental impacts and climate change
- the use of advanced technologies in building design and structural refurbishment
- deepening the link between energy efficiency and building life cycle analysis
- transferring information between new interdisciplinary data acquisition technologies, BIM and LCA
- disseminating knowledge on new technologies for energy renovation in industrial buildings
- dissemination and updating of knowledge in the education sector



The rapid increase in energy consumption worldwide has resulted in increasingly stringent environmental regulations. This is also observed in recent European directives, which lead to a reduction in the environmental impact of energy and an increase in energy efficiency.

The construction industry has a major impact on the environment. The construction sector is responsible for 36% of the world's final energy consumption and almost 40% of the total direct and indirect CO₂ emissions. There is therefore a need to start calculating these emissions and the environmental impact of both new and existing buildings.

Industrial plants use energy intensive systems for heating, ventilation, air conditioning, lighting etc. Industrial buildings play an important role in the use of energy and natural resources.

It is important to start implementing carbon footprint analyses in the education sector, research on material efficiency in industrial areas through life cycle assessment and the use of renewable energy sources to meet the energy needs of industrial buildings.

The need for energy renovation of industrial buildings will help a lot in implementing in education the use of new technologies such as thermal imaging cameras, laser scanners and drones, the combination of BIM and LCA.

We invite you to Seminar

The use of modern technologies in the renovation of industrial facilities

March 2022

Poznan University of Technology

more information:

<https://wilit.put.poznan.pl/node/4089>



8. FUTURE DISSEMINATION ACTIVITIES

- UNITBv will promote the project and its results on social and research platforms like facebook, ResearchGate;
- UNITBv will present the project during the International Conference CIBv 2022, organized by the Faculty of Civil Engineering, Brasov, November 2022.
- CTM will present the progress made in the RecoverIND project at Marmomac 2022 in Verona.
- In the near future, the following activities are planned by ZSB1 to popularize the RecoverIND project:
 - March 2022- Educational Fair.
 - March / April / May 2022- an "open door" campaign for primary school students.