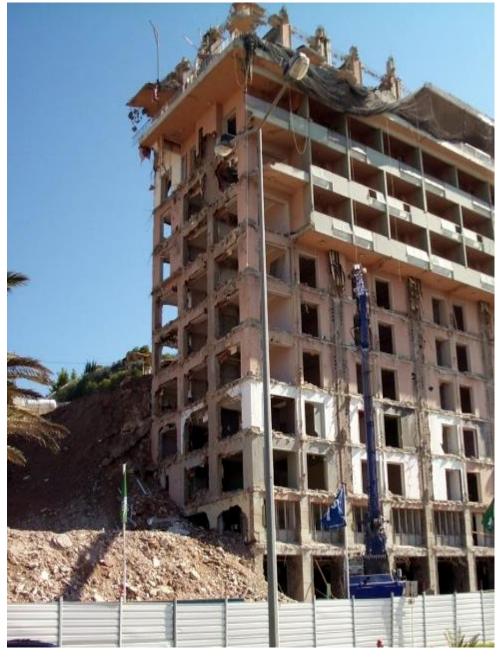




CLOSER Close to Resources Recovery



On behalf of the CLOSER project, we are pleased to welcome you to the second issue of our newsletter.

Here you will find information about the project activities, as well as news and events related to construction and demolition waste (CDW). We hope that the topics of this second newsletter are of interest to you.

Due to technical issues, the contacts of newsletter subscribers have to be verified. Therefore, we kindly ask you to subscribe again the newsletter and apologize for the inconvenience. Please, sign up here.

Highlights:

- CLOSER framework
- Stakeholders survey
- 1st WEBINAR

CLOSER Framework

The conceptual framework gathered different countries' best practices concerning the application of demolition pre-audits in buildings as a useful tool to minimize the construction and demolition waste generation, the environmental impact of the generated waste by maximizing the reusability of materials and recyclability of the CDW due to improved quality.

Some EU Member States faced several barriers regarding CDW recovery, namely: failure of sorting at source and on the application of deconstruction practices; non-compliance with legislation; lack of technical guidance documents for recycled materials use; lengthy application of End of Waste (EoW) criteria; insufficient reuse expertise; low cost of natural raw materials; lack of financial recycling incentives; early stage of Green Public Procurement (GPP) for promoting the use of recycled materials; lack of a developed network of CDW treatment facilities; gap in training of professionals and at the educational level; lack of trust in the quality of recycled materials; knowledge and experience with CDW is poorly disseminated.

Being aware of the constraints is the first step towards identifying which one could represent better potential drivers to achieve higher CDW management efficiency and reach better recycling performance.

Additionally, the use of up-to-date technologies could also boost better CDW management. From using AI for detection of objects from differenr nature with robotic arms, based on the chemical composition of CDW, to developing web-based platforms for registering data on produced CDW and promoting the market of reused and recycled materials new perspetives arise.



CLOSER word-cloud

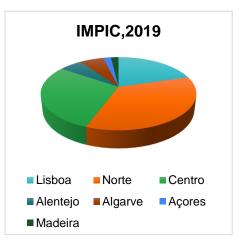
"Identification, sorting and processing of CDW is crucial for having materials in the production cycle for a longer time, maximizing their value and guaranteeing the adequate quality for the intended application"

Stakeholders Survey

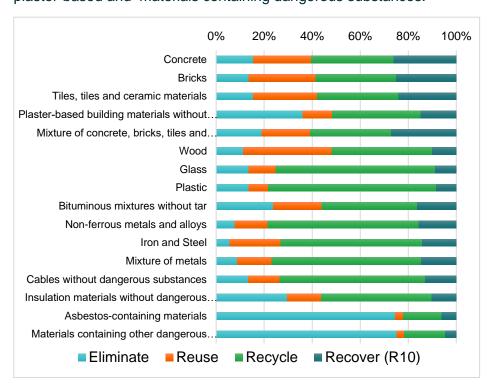
A survey was developed aiming to understand the stakeholder's opinion regarding the integration of pre-demolition and/or renovation audits in buildings as a tool leading to safer materials and with improved quality, enabling higher incorporation of recycled materials as raw materials and increasing the reuse of materials in the construction sector. Almost 700 participants completed the enquiry and the analysis of the results is nearing completion.

Comparative geographical distribution of the construction / demolition / rehabilitation companies who answered the enquiry and data from IMPIC for the whole registered companies shows a similar pattern, being the main differences assigned to missing information on municipalities.





Destination given to the materials from demolition and rehabilitaion of buildings shows improvement potential of specific streams, namely for plaster-based and materials containing dangerous substances.



WEBINAR SAVE THE DATE 21 JUN 2021 14:30 Pre-demolition audits Built to Unbuild 1st WEBINAR CLOSER Close to Resources Recovery LIVE (((***))) Online Presentations

Round table



http://www.closer.lnec.pt



