NEWSLETTER CONDEREFF

CONSTRUCTION & DEMOLITION WASTE MANAGEMENT POLICIES FOR IMPROVED RESOURCE EFFICIENCY

CONDEREFF

Interreg Europe

ISSUE NO 1 | NOVEMBER 2018

IN THIS ISSUE

- OUR VISION
- MAPPING THE WASTE
- CONDEREFF ACTIVITIES
- ACTIVITIES IN PROGRESS
- PROJECT UPDATES
- GET INVOLVED
- ABOUT US
- CONTACT

OUR VISION

C&D waste streams represent 20-30% of all waste generated in Europe, hence its management is top priority for the EU. Reuse rates vary across EU countries (10-90%). The Waste Framework Directive (2008) and the Construction 2020 strategy set a 70% recycling and reuse rate of CDW by 2020 and the Circular Economy Package also prioritizes CDW.

'Greening' CDW management entails the creation of new services and products, and changes in existing business models in C&D. It also brings about new jobs and investment opportunities. Urban and rural development can thereby reach new thresholds of sustainability and resource efficiency.

CONDEREFF aims to strengthen regional capacities for increasing recycling and reusability rates of C&D waste in the regions participating in the project.

'Green' CDW management also entails resource efficiency by extensive materials' reuse (e.g. sand, bricks, wood, glass, metal). Buildings and materials designed from the outset to last longer and be suitable for deconstruction and reuse. In terms of research, innovation and development, CDW recycling presents several opportunities and challenges.

Circularity and circular economy are, according to the EU, the way to long-term environmental sustainability and economic competitiveness. They provide a way to rethink the way products, materials and resources are designed, produced, used and disposed. Similarly, 'zero waste' C & D operations means full re-use of all building materials. For this to be effective, some kind of industrial symbiosis is envisaged, where one industry uses raw materials from another's waste.



We consider CONDEREFF project a powerful tool to draw on and share best practices, amend policies and thereby to improve resource efficiency of construction & demolition waste management. Currently, the recycling of plastic and paper is widely assumed and there is considerable relevant experience and regulations in our regions, but the same cannot be said for construction and demolition materials' recycling. However, there is a high recycling potential in these materials which needs to be exploited in search of a more sustainable world and a circular economy.

- Polytechnic University of Valencia (ES)

Mapping THE WASTE AUDIT



The property owner

appoints an auditor retrieved from a regional registry for waste audits



The waste manager

manages and disposes C & D waste streams and the whole reusables supply chain



The authority issues demolition & renovation permits, oversees waste audit and QA mechanisms



The products manufacturer is involved

in the waste audit providing specifications for retrieved materials' specifications



The auditor is the qualified expert to determine demolition techniques, the nature of materials and corresponding treatment & processing



The contractor is

responsible for the construction / demolition / renovation operations

CONDEREFF ACTIVITIES

01

Researching recycling capacities, market potential for reused materials, public awareness

03

Tools & resources / Track & Trace CDW

02

Policy Learning on audits, public procurement, regulations

04

Action Plans / route to regional green CDW management Construction and Demolition
Waste Management Protocol
improves the
identification,
separation at source,
collection, logistics,
processing & quality
management

ACTIVITIES IN PROGRESS

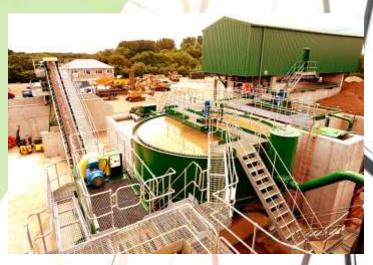
Activity ID: A1

Type of activity: Research, data collection

Duration: 1 semester

The project begins its journey with joint research activities. This kind of activities are undertaken by one partner but require the input of all partnership members. In a nutshell, there are four research streams commencing in the first project semester: a) a comparative analysis of CDW legislation and regulations in partners' territories (Lazio Region), b) an investigation into the economic potential of C&D recycled materials and identification of priority areas (ISW), c) an analysis of (C&D) recycling capacity in partners' territories (AURA-EE), and d) an analysis of public and stakeholders' perspectives and perceptions of CDW reusability and reliability (ENEA).

During the first semester, the partners responsible for each activity will develop a methodology for data collection. Partners will thereby contribute with data input, providing information regarding regional, local and territorial statistics and indicator. Stay tuned with this newsletter for keeping up with research progress reports!



CDW separation and recycling facility



Snapshot from the first project meeting

PROJECT UPDATES

Type of activity: Project Kick-off Meeting

Venue: Faculty of Building Engineering, Valencia,

Spain

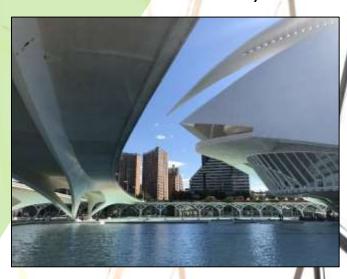
Date: 4-5 June 2018

CONDEREFF held its first project meeting! The meeting was hosted at the Polytechnic University of Valencia, Department of Building Engineering on the 4th and 5th June, 2018. The Polytechnic University of Valencia is the Lead Partner of CONDEREFF and simultaneously, the lead research institution of the partnership. The Kick-Off Meeting served as an excellent opportunity for the members of the partnership to introduce themselves to each other and inaugurate a 5-year long collaboration. All eight partners from seven countries were represented in the Kick-Off Meeting.

In the course of the Kick-Off Meeting project partners presented their allocated projects tasks, held Q&A sessions and discussed on the basis of sharing their experiences and current CDW management practice. The action plan of the project was thoroughly discussed and participants satisfactorily tuned into the project's requirements. Particular emphasis was given to forthcoming project activities. An action list of tasks to be carried through during the first semester of the project was charted and the meeting came to a close. The partnership is looking forward to meet again with plenty of developments, initial research activities and new ideas!



The city of Valencia





Get involved



https://www.facebook.com/Condereff/



https://twitter.com/CONDEREFF



https://www.linkedin.com/in/condereff-project/

About us

CONDEREFF is co-funded by INTERREG Europe / European Regional Development Fund (ERDF)

Contact

Email: condereff.project@gmail.com
Web: www.interregeurope.eu/condereff/



Ελληνική Δημοκρατία ΒΕΡΙΦΕΡΕΙΑ ΘΕΣΣΑΛΙΑΣ













Polytechnic University of Valencia (ES)

Region of Thessaly (EL)

Auvergne-Rhône-Alpes Energy Environment Agency (FR)

The Regional
Development Agency of
the Pardubice Region
(CZ)

Italian National Agency for new technologies, energy and sustainable economic development (IT)

Lazio Region (IT)

Styrian Provincial Government (AT)

ISW – Institute for Structural Policy and Economic Development (DE)