



CIRCULAR ECONOMY  
APPROACHES IN  
SOLID WASTE  
MANAGEMENT



# INSIGHT FROM THE PREPARATION OF CROATIAN CEAP

1<sup>ST</sup> WEBINAR “PREPARING A CIRCULAR ECONOMY STRATEGY: THE EXPERIENCE OF AUSTRIA”

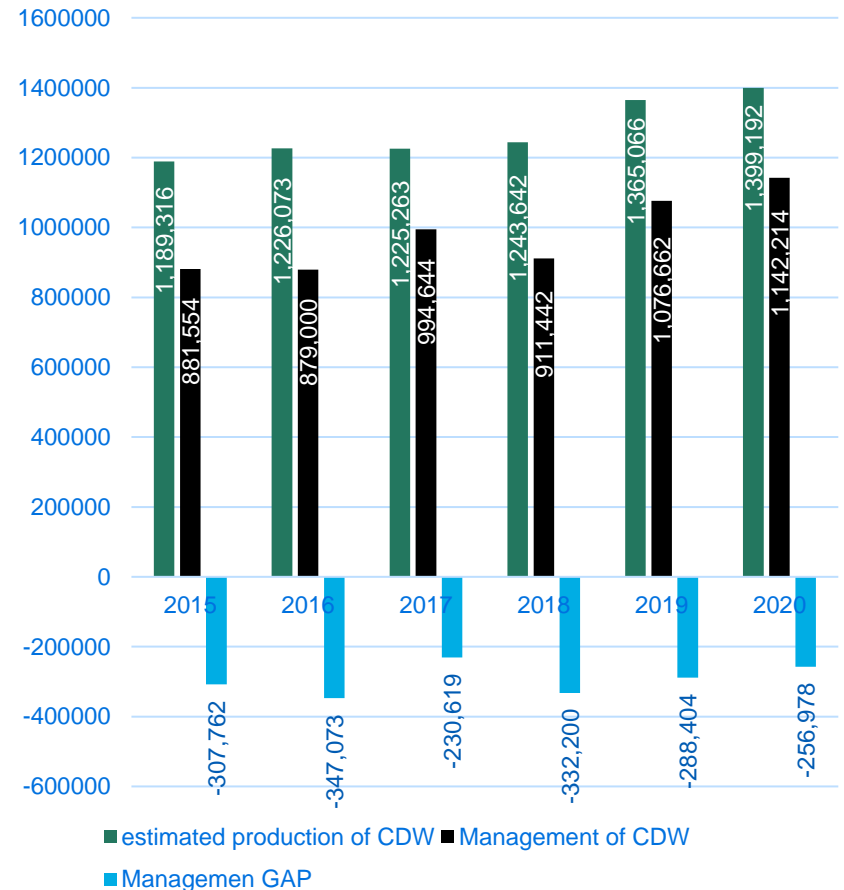


In collaboration with eco SOLUTIONS

# Progress updates on diagnostic study

## Aim of the study:

- Define the current scenario in Croatia about CDW production and their management
- Analysis of the current legislative framework and circularity baseline
- Identification of main drivers and barriers in place for the enforcement of CEAP



# Methodology adopted

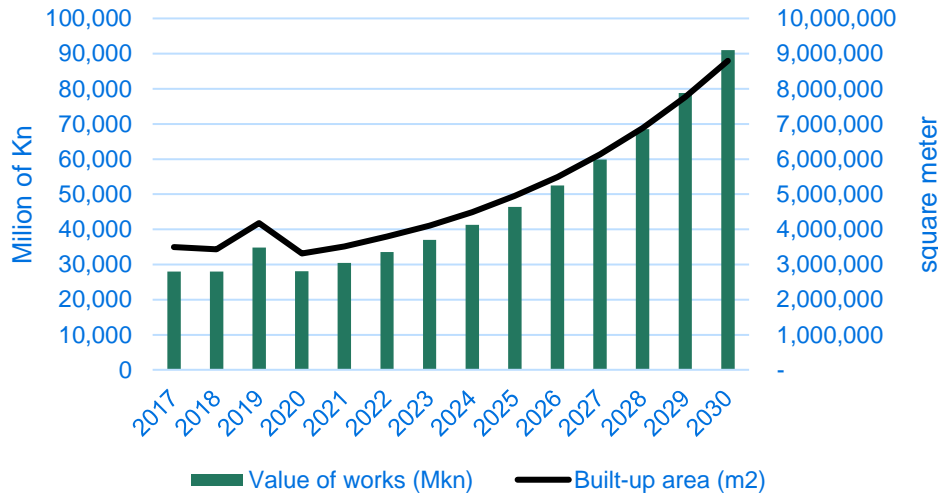


EU Construction & Demolition  
Management Protocol



- Analysis of current available data on CDW production and management.
- Analysis of available data on the construction and infrastructure sector.
- Benchmarking against best practice in other selected Member States
- Interview with key stakeholders

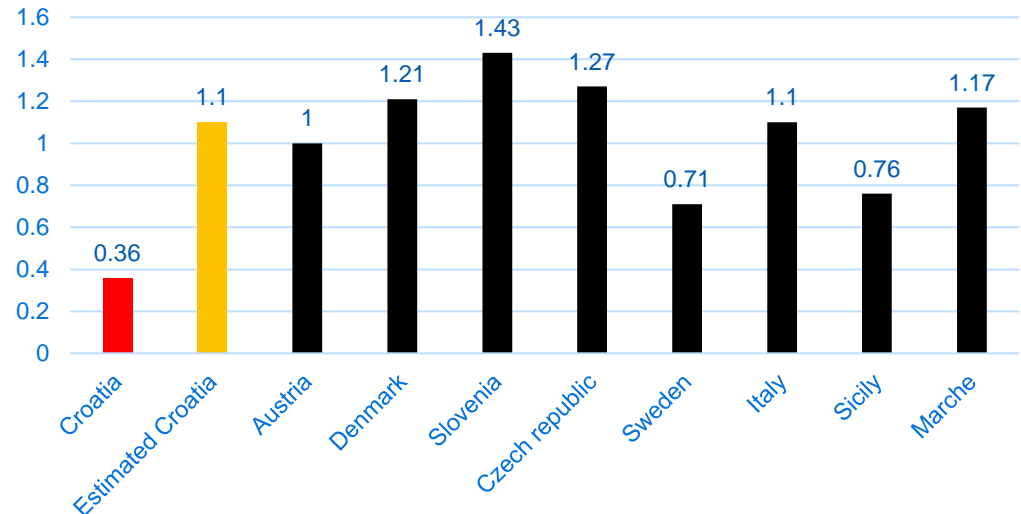
# First insight from the diagnostic report



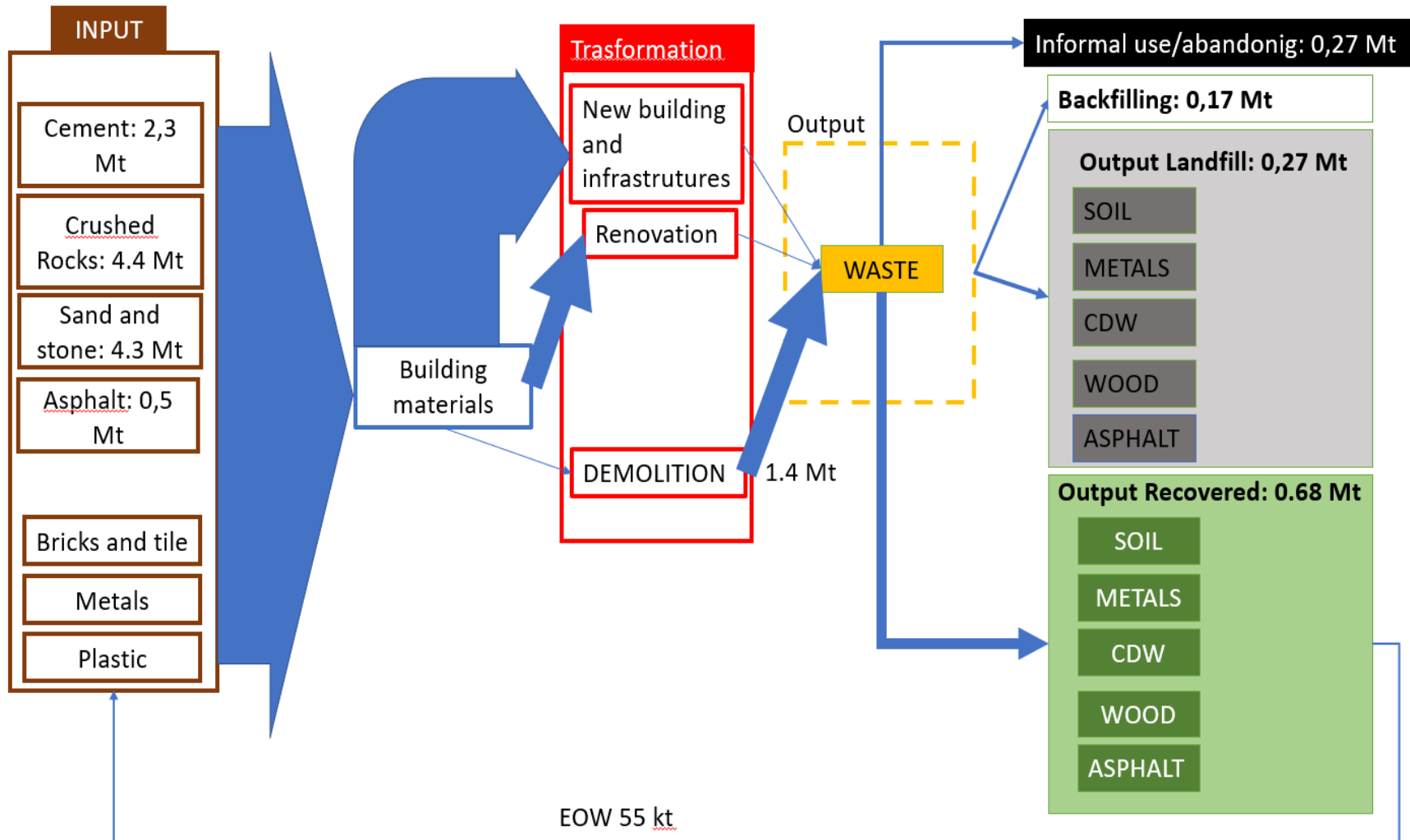
The construction market is expected to grow, driven by infrastructure and tourism.

Underestimation of the real production of CDW in Croatia

CDW Percapita production (t/per capita)



# First insight from the diagnostic report



# Existing drivers for CE (tentative)

- 1) The legislative framework is comparable to EU framework
- 2) Technical legislation in line with international standards
- 3) Expected strong request of construction materials
- 4) Increasing environmental awareness of citizens
- 5) Increasing environmental awareness of touristic sector
- 6) Several positive examples that can be used as model

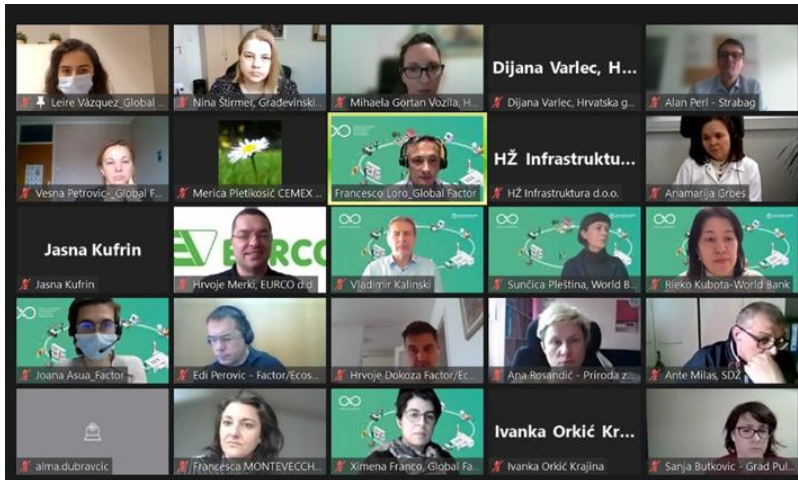
# Existing barriers (tentative)



- 1) Few local collection points for CDW;
- 2) Permitting process for CDW storage site;
- 3) EU legislation on End-of-waste and construction materials (Reg. n. 305/2011);
- 4) Extremely low cost for landfills;
- 5) Low cost of natural raw materials.
- 6) Despite the national legislative framework in line with EU directive there is a lack of bylaw and guidelines
- 7) Low request of CDW derived materials



# The first consultation meeting on CEAP

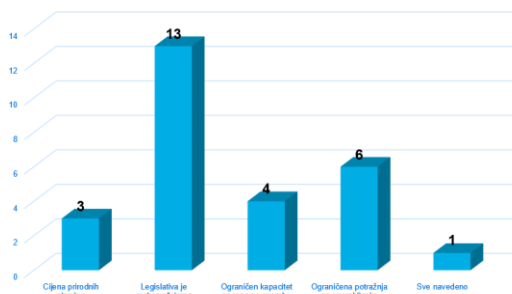


- Consultation meeting held on March 30
- 95 participants
- Presentation of current available data on CDW management
- Strong and active participation of stakeholder:
  - Central and local administration
  - Waste management companies
  - Building companies
  - Construction materials
  - Civil society

## The role of stakeholders

- An effective enforcement of Circular Economy largely depend on the involvement of any single player.
- To draft an Action Plan that meets the needs of the stakeholder...

5) Koji pojam bi označavao glavnu prepreku za primjenu kružnog gospodarstva u gospodarenju građevnim otpadom u Hrvatskoj?





# Next steps: Stakeholder Focus groups

- 1) Creation of small focus groups to discuss with stakeholders the outcome of the diagnostic report and the identification of proposals. (May)
- 2) Drafting of the CEAP with specific actions dedicated to address the main gaps identified based on the waste hierarchy. (May – July)
  - Improve the quality of data collection
  - Enforcement of GPP scheme including eco-design criteria for waste reduction
  - Identification of procedure to assign the status of by-product to specific building component to ease the reuse of materials
  - Specific actions to increase the collections through the definition of simplified permitting procedures for CDW collection and treatment plant
  - Proposal of a national centre for sustainable building to support the enforcement of EoW regulation.

## Next meetings: Focus groups

Dates	<b>May 19 – May 20</b>
Location	Zagreb – the venue is under evaluation
Type of meeting	Hybrid – the meeting will be held on-line but with the possibility to participate on person
Structure of the meeting	<p>The meetings will be arranged dividing the participant in 4 focus groups:</p> <ol style="list-style-type: none"><li>1) Public administration</li><li>2) Construction company and building material producers</li><li>3) Waste managers</li><li>4) Academia and NGO</li></ol> <p>For each focus group will be arranged a separates session (2 h) to analyse and discuss specific topic related to:</p> <ul style="list-style-type: none"><li>- The actions related to CEAP enforcement</li><li>- Their role in CEAP</li><li>- Specific topic based on the different type of stakeholder</li></ul>

## Resuming table

Stakeholder	Date	Specific Topic	Common topics
Public administration	May 19 morning (9.30 – 11.30)	The enforcement of CEAP: definition of secondary legislation and guideline	Data collection on CDW production and management
Construction company and building material producers	May 19 Afternoon (14.30 – 16.30)	The introduction of selective demolition – Reuse of building components Use of recycled materials	Data collection on CDW production and management
Waste managers	May 20 Morning (9.30 – 11.30)	The collection of CDW and the production of EoW materials	Data collection on CDW production and management
Academia and NGO	May 20 Afternoon (14.30 – 16.30)	The definition of the technical guideline as support to the enforcement of CEAP	Data collection on CDW production and management

Thanks for your attention

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