Deliverable D1.1
Selection/identification of the typologies of building waste to be mixed to geopolymer materials

Grant Agreement number 723916
Project acronym InnoWEE
Project full title INNOvative pre-fabbricated components including different Waste construction materials reducing building Energy and minimising Environmental impacts
Due date of deliverable 31/01/2017
Lead beneficiary ECO
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Dissemination Level

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“This project has received funding from the European Union’s Horizon 2020 research and innovation programme under grant agreement No 723916”
**Document History**

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<th>Version</th>
<th>Date</th>
<th>Authors</th>
<th>Description</th>
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<tr>
<td>1</td>
<td>6/12/2016</td>
<td>ECO</td>
<td>Creation of the document</td>
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<td>2</td>
<td>23/12/2016</td>
<td>ZAG</td>
<td>Added Classification of CDW</td>
</tr>
<tr>
<td>3</td>
<td>27/12/2016</td>
<td>CNR-ICMATE</td>
<td>Added evaluation of CDW for geopolymer production</td>
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<td>4</td>
<td>09/01/2016</td>
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<td>Draft for reviewers</td>
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<td>5</td>
<td>19/01/2017</td>
<td>RED</td>
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<td>Reviewed draft</td>
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<tr>
<td>7</td>
<td>24/01/2017</td>
<td>CNR-ICMATE</td>
<td>Final version for the Coordinator</td>
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<tr>
<td>8</td>
<td>30/01/2017</td>
<td>CNR-ISAC</td>
<td>Revised by the Coordinator</td>
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Contents

List of tables ........................................................................................................................................4
List of figures ........................................................................................................................................4
Publishable summary ..............................................................................................................................5
Abbreviations ..........................................................................................................................................6
Introduction ............................................................................................................................................7
1 CDW at European level ........................................................................................................................8
  1.1 Typologies and classification .........................................................................................................8
  1.2 Quantities and nature .....................................................................................................................10
2 Recovery and processing of CDW ......................................................................................................13
  2.1 Identification ................................................................................................................................13
  2.2 Pre-selection ..................................................................................................................................13
  2.3 Demolition .....................................................................................................................................14
    2.3.1 Selective demolition .................................................................................................................14
      2.3.1.1 Advantages and disadvantages .........................................................................................14
  2.4 Waste collection and processing ....................................................................................................15
    2.4.1 Transportation to the plant ......................................................................................................15
    2.4.2 Machinery ................................................................................................................................15
      2.4.2.1 Excavator ............................................................................................................................15
      2.4.2.2 Crusher and screen .............................................................................................................16
      2.4.2.3 Mill .....................................................................................................................................16
  2.5 CDW analyses ...............................................................................................................................17
    2.5.1 Analysis on “as-is” CDW .........................................................................................................17
    2.5.2 Leaching tests ..........................................................................................................................18
    2.5.3 Geotechnical tests ..................................................................................................................19
3 Evaluation and selection of CDW for geopolymer products ............................................................21
  3.1 Geopolymer mixtures with inorganic waste ....................................................................................21
    3.1.1 Compression tests ....................................................................................................................21
    3.1.2 Observations ............................................................................................................................23
  3.2 Wood Geopolymer mixtures ..........................................................................................................23
3.2.1 Preparation of specimens .......................................................... 23
3.2.2 Testing ...................................................................................... 24
3.2.3 Observations ............................................................................ 25
3.3 Discussion .................................................................................... 25
Conclusion .......................................................................................... 26
References .......................................................................................... 27
List of tables

Table 1. Typologies of CDW. (*) An asterisk at the end of a code means the waste is hazardous. 8
Table 2. CDW considered for geopolymer formulations. 10
Table 3. Generation of C&D waste in EU-27 [2], with exclusion of excavation waste and assumptions for incomplete data 10
Table 4. Estimated composition of CDW for seven EU-27 Countries [2], with exclusion of excavation waste 11
Table 5. Example of test results for “as-is” CDW 17
Table 6. Example of results of leaching tests 18
Table 7. Reference parameters for geotechnical tests 19
Table 8. Results of compression tests (CoV in brackets) 22
Table 9. Selected CDW to be used within INNOWEE project 25

List of figures

Figure 1. CDW recovery and backfilling 12
Figure 2. Building to be demolished 14
Figure 3. Wood from construction waste 14
Figure 4. Example of selective demolition 14
Figure 5. Excavator 16
Figure 6. Jaw crusher 16
Figure 7. Screen 16
Figure 8. Samples after 24 hours, before cutting 21
Figure 9. Samples tested at 7 days 21
Figure 10. Samples tested at 28 days 21
Figure 11. Test machine 22
Figure 12. Typical failure modes 22
Figure 13. Compressive strength at 7 days 22
Figure 14. Compressive strength at 28 days 22
Figure 15. Density and bending strength of WGP samples, with wood content and molding pressure. 24
Figure 16. Water absorption and porosity of WGP samples 24
Figure 17. Thickness swelling as a function of wood content of WGP samples. 25
Publishable summary

Deliverable D1.1a “Selection / identification of the typologies of building waste to be mixed to geopolymer materials” is a confidential document delivered as part of WP 1, Task 1.1: Identify, collect and categorize the typologies of building waste to be mixed to geopolymer materials and pilot production.

This is the first of two documents that are related to the production of the secondary raw materials that will be subsequently mixed with the geopolymers. The first phase will form the basis for the second document (D1.1b due at month 8), which will deal with the description and testing of the new SRM pilot production plant by ECO as well as the actual SRM production to be used in the subsequent stages of the project.

This document illustrates the first fundamental steps taken in the development of the InnoWEE project, and comprises the following:

- description and classification of the main CDW typologies at the European level;
- description of the CDW recovery presently carried out at ECO including identification, pre-selection and treatment;
- description of preliminary analyses carried out on the CDW and SRM material carried out by ECO;
- evaluation of suitability of different CDW materials from ECO for geopolymer formulations and preliminary selection of CDW for geopolymer production.
# Abbreviations

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<td>InnoWEE</td>
<td>Innovative pre-fabricated components including different Waste construction materials reducing building Energy and minimising Environmental impacts</td>
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<td>Construction and Demolition Waste</td>
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<td>EU</td>
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<td>GP</td>
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