Deliverable D7.2
Initial Exploitation Plan &
Risk Management Plan

WP7

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Other authors All partners

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InnoWEE project focuses on the study and test in field of new high performant pre-fabricated geopolymeric panels made with large fractions of recycled CDW for building outdoor and indoor walls. Hence, the main objective of the project is to obtain new sustainable construction material that will reuse the CDW and provide cost-effectiveness in manufacturing and installation.

The products will have different characteristics and a high performance like low or high thermal transmittance in function of the application, high fire resistance, lightness, high mechanical elasticity, enhanced surface properties. Moreover, the raw materials used and the associated production technologies will contribute to the reduction of embodied energy and the CO$_2$ emission during manufacturing.

The InnoWEE project envisages the production of two different geopolymer technologies, high density geopolymer panel, where around 40%-50% of mixed CDW will be used and Wood Geopolymer panel composed for 50-60% of wood chips from CDW. Such technologies will be used in two different construction insulating façade panels: ETICs panels and façade cladding panels. The third proposed solution is to be used as indoor component of radiant ceiling solution.

Consequently during the project development different sectors need to be involved in the process in order to accomplish following objectives:

1. Develop realistic performant and cost-efficient solutions with innovative products for new and existing buildings thereby creating new business and real estate development opportunities;
2. Recovery, disassembling and selection of CDW to yield suitable raw materials and development of new high performance prefabricated versatile geopolymer panels;
3. Verify the performance of the panels installing them first in 1 pilot and 3 real case studies, then modelling their use in virtual case studies with different climate to obtain different scenarios;
4. Introduction and incisiveness of the new materials and solutions in the markets;
5. Evaluation of the reduction of energy and environmental sustainability;
6. Development of information guidelines for application, installation and training on the new solutions and dissemination of the new results.

Therefore in deliverable D7.2 the first exploitation plan is presented, in order to establish the responsibilities and strategy of the Exploitation Manager that will monitor and help in exploiting the established objectives of the project. For this purpose preliminary Key Exploitable Results must be recognised in order to focus the future work on strategies to protect the results and evaluate their innovativeness. Deliverable 7.2 has to be considered the first stage exploitation plan, where:

- Methodology of Exploitation Strategy is developed;
- The Plan for Performing the Strategy is established;
- First Key Exploitable Results are presented;
- Possible IP protection plan is presented.

Moreover this deliverable also covers the Risk Management Plan for the project. The monitoring of risks occurring during the project has an important impact on final exploitable results, as the Exploitation Manager needs to evaluate the innovativeness of the results based on their
quality and taking into account the very final result. The developed risk management plan also helps to limit and control the unsuccessful aspects in project, meaning that it maintains the progress without unexpected disturbances.
### 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>KER</td>
<td>Key Exploitable Results</td>
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<td>IP/IPR</td>
<td>Intellectual Property/ Intellectual Property Rights</td>
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<td>VP</td>
<td>Value proposition</td>
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<tr>
<td>SWOT</td>
<td>Strength, Weaknesses, Opportunities and Threats</td>
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<tr>
<td>CDW</td>
<td>Construction and demolition Waste</td>
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<tr>
<td>HDP</td>
<td>High Density Geopolymer</td>
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<tr>
<td>WGP</td>
<td>Wood Geopolymer</td>
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