



IMIP

Innovative Eco-Construction System Based on
Interlocking Modular Insulation Wood & Cork-Based Panels

MEMORANDUM OF UNDERSTANDING

Between

D. JOSÉ VICENTE OLIVER VILLANUEVA, on behalf of the Universitat Politècnica de València, with registered office at C^o DE VERA, S/N, 46022 VALENCIA, (hereinafter the "UPV"), as leader of the Interreg SUDOE project, IMIP

And

Ms. María Aranzazu Arregui Alberro, on behalf of Navarra de Suelo y Vivienda SAU, with registered office at San Jorge av. 8 bajo, 31012 PAMPLONA, (hereinafter "NASUVINSA"), as leader of the Interreg SUDOE project, EGURALT

- Singularly also referred to as "Party" and collectively also referred to as "the Parties" -

This Memorandum of Understanding sets forth the intentions of both the IMIP consortium and the EGURALT consortium to increase mutual collaboration between the parties.

Art. 1 - BACKGROUND AND PURPOSE

The Interreg Sudoe Programme supports regional development in Southwestern Europe, financing transnational projects through the ERDF. The Programme promotes transnational cooperation to solve common problems in the covered territory, such as low investment in research and development, weak competitiveness of the small and medium-sized enterprises and exposure to climate change and environmental risks.

One of its main policy areas concerns the contribution to greater efficiency of energy efficiency policies. Because the construction sector has an important role in the economy of the Sudoe space, especially in Spain, whilst the buildings mean near a half of all the energy consumption, and they are the origin of 1/3 of the greenhouse gases.

Therefore, is essential for SUDOE improve the energy efficiency policies and the use of renewable energy sources in public buildings and housing through the implementation of networks and joint experimentation:

- Stimulating the transferring of innovation and its assessment and application.
- Promoting the modification of the behaviour of decision-makers, economic actors and the general public.
- Creation of observation and analysis tools.
- Support for energy saving projects in public buildings and homes.
- Actions in favour of the improved use of renewable energy sources in buildings and housing.



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In this framework, it is considered essential to promote collaboration between projects that, funded by the Interreg SUDOE program, focus on the development of innovative solutions in the sustainable construction sector and reduce energy consumption and associated carbon footprint, as is the case of the signatory parties.

Art. 2 - ACTIVITIES OF IMIP

IMIP aims to support the shift towards a low-carbon economy through smart, sustainable and inclusive growth with special focus on the construction sector.

The project contributes to climate change mitigation by increasing the use of wood and cork products in the construction and rehabilitation of public buildings thanks to its high energy efficiency and carbon storage capacity. IMIP promotes the circular bio-economy by designing a new construction system based on prefabricated modular parts characterised by its easy, fast and economical assembly and disassembly for reuse.

The raw material will be low quality wood available in pine forests that grow under Mediterranean conditions once transformed and cork. In addition, a plug-in will be developed to model carbon stocks and the substitute effect of wood products using the BIM methodology.

Among the main results of the IMIP project are:

- Development of an interconnected modular system of insulating parts made of wood and cork in order to improve the energy efficiency of buildings including their entire life cycle.
- Creation of a plug-in for BIM to analyse the environmental benefits of bioproducts used in construction (carbon storage and substitute effect).
- The development of a roadmap towards greater use of wood and cork in public buildings in southwestern Europe.

Art. 3 - ACTIVITIES OF EGURALT

EGURALT will make it possible to apply and disseminate innovative solutions for the promotion of mid-rise timber construction in the SUDOE area, thus contributing to the global fight against climate change by promoting the use of natural materials from sustainable and renewable sources.

Eight beneficiary entities from six regions of the SUDOE area will work in three fields: the promotion of high-rise public housing made of wood; the development of new technological products made of wood; and the transformation of the wood sector necessary for the paradigm shift in construction in the SUDOE area. The beneficiary entities of the project combine a multidisciplinary nature of valences (associations for the promotion of wood construction, advanced research centers, business associations, educational institutions, among others) that will improve the achievement of results and their dissemination in the SUDOE area. Transnational cooperation will allow the objectives set out in the project to be applied on a global scale, with particular attention to the SUDOE area, and with greater potential for the expansion of trade networks between the entities involved in its implementation.

The main contributions will be:



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For EGURALT

Ms. MARÍA ARANZAZU ARREGUI ALBERRO

In this context the Parties will organize joint workshops, conferences, and meetings whenever appropriate, or in the course of the development of the activities of each consortium. The Parties may invite other stakeholders to join these events.

Art. 5 – Costs and Expenses

Unless otherwise stated, each Party shall bear its own costs and expenses incurred in connection with the matters laid out by this MOU and does so at its own risk. This does not exclude the option that one Party is subcontracted by the other Party to perform services.

The expenses incurred by the Parties with the signature of this document shall be conditioned upon the existence of the availability of an ordinary annual budget, respecting the in-force law.

Art. 6- Notification and Amendments

This MOU may be amended only by mutual agreement between the Parties reflected in writing.

For this, Each Party shall notify one another in writing, within 1 month of any proposed or actual changes that the Party deems necessary for the execution of the MOU.

Upon receipt of such request, the other Party shall consult with a view to reaching an agreement on any actual or proposed measure(s) suggested by the other Party under Article 6.

Notification (s) from Party to another should be sent to the contact information mentioned in prior.

Art. 7 – Effectiveness and Term

This MoU shall become effective upon its signing by the Parties and shall remain in full force and effect until 1/12/2024. Each Party may terminate this MoU at any time by giving a written 30-day prior notice to the other Party without incurring any liability and without cause.

Art. 9 – General Terms

This document is not legally binding to or subject of international law.

Any dispute, controversy or claim arising out of or relating to this MoU, shall be settled amicably by both parties. There shall be no recourse to any court of law or other legal proceeding.



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- Exchange of knowledge between technological poles, public authorities and industry through stakeholder tables, study visits...
- Application testing of new products / processes and dissemination through workshops with industry (especially in SMEs) to improve the implementation of new solutions with higher added value in their portfolio.
- Capitalization of knowledge through training courses for wood advisors in the construction industry, awareness among the public and public authorities and international positioning through networks.

Art. 4 –AREAS OF POTENTIAL COLLABORATION

Both parties are interested in collaborating in the following areas:

1. Exchange of information, particularly in regard to but not limited to the following fields of activities:
 - a. Initiating multi-stakeholder dialogue between IMIP and EGURALT, as well as between public bodies, private investors and other actors from the regions participating in both consortia on opportunities for the promotion and dissemination of sustainable construction solutions
 - b. Identification of technical, financial and regulatory barriers that hinder the popularisation of sustainable construction solutions
 - c. Developing concepts and solutions to remove these barriers.
 - d. Analysis of markets, technologies and opportunities to support the creation of a collaborative network on sustainable construction with other SUDOE space partners.
 - e. Assistance and support in the formulation of policies necessary for the development of sustainable construction solutions promoted by both consortia in the local environment.
 - f. Assisting and supporting initiatives working on regulatory policies and exchange of best practices between the parties.
 - g. Collaboration in the dissemination of the results of both projects
2. Identification of joint study opportunities (topics, involvement of stakeholders, time horizon, budget)

In order to implement this MoU to a maximum mutual benefit, both parties will designate the following representatives consisting of:

For IMIP:

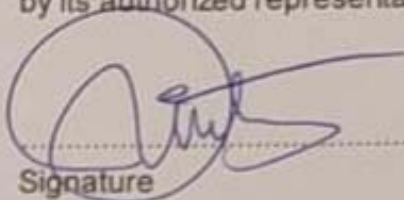
Mr. JOSÉ VICENTE OLIVER VILLANUEVA




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Signed for and on behalf of
IMIP
by its authorized representatives


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Signature


.....
Date

Signed for and on behalf of
EGURALT
by its authorized representatives

ARREGUI ALBERRO
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MARIA ARANTZA
Signature 7266411G
Firmado digitalmente por
ARREGUI ALBERRO MARIA
ARANTZA · 7266411G
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26/04/2023
Date