



## WP4. Sustainable Building Materials Recommendation Paper

Respecting the opinions reflected and the input shared by all participants involved in the national and international roundtables, as well as the feedback collected through the desk research activities, the recommendations that should be strongly considered for the awareness of sustainable building materials.

These recommendations aim to increase awareness and improve the understanding and accessibility of sustainable construction materials. Here are the key recommendations:

**Promoting Awareness and Distinction of Sustainable Materials:** Conduct educational campaigns and promotional events to raise awareness about sustainable materials and differentiate them from conventional ones and the benefits of using sustainable construction materials to users, highlighting their positive impact on the environment and long-term benefits.

**Carbon Footprint knowledge:** Increase awareness and knowledge about the carbon footprint calculation in the construction industry. Standardize and widely apply the carbon footprint calculation throughout the manufacturing and use cycle of construction materials.

**Promoting the Use of Recyclable Materials:** Familiarize buyers and beneficiaries of construction materials with the use of recyclable materials that offer the same or improved quality characteristics compared to conventional materials to build confidence in the quality and performance of recyclable materials to encourage their adoption.

**Encouraging Waste Recovery and Reuse:** Increase awareness about the importance of recovering and reusing waste generated by construction activities. Promote responsible behavior for the collection and recycling of construction waste.

**Coordination and Transition Process:** Foster transparency and accelerate the transition from conventional construction materials to sustainable ones. Ensure better coordination of actions and policies aligned with the objectives of the European Green Deal and European Climate Pact. Implement laws and regulations that support the use of sustainable building materials and encourage their widespread adoption.

**Correlation with Technical Regulations and Standards:** Increase the degree of correlation between the current legislative framework and technical regulations regarding construction materials. Ensure that sustainable construction materials comply with existing technical standards and regulations.



**Enhancing Education and Training:** Strengthen vocational and educational training in the construction sector to provide a highly qualified workforce with knowledge of sustainability principles, circular economy, and energy-efficient construction materials. Hands-on training opportunities are essential for developing the skills and knowledge needed to implement sustainable building practices. Site visits, seminars, and apprenticeships provide practical experiences that reinforce theoretical learning and enable participants to see sustainable materials and practices in action.

Technology and online learning platforms can increase access to education programs and provide flexible learning options. Addressing local issues, practices, and the current status of sustainable building materials. Technical information on sustainable building materials, particularly recycled and secondary raw materials, should be provided to enable participants to use these materials effectively. This information should cover cost, availability, effectiveness, and durability, enabling to informed decisions. International case studies and best practices can be included to illustrate practical applications.