

CircHub Workshop

Sustainable & Energy-Efficient Building Materials

WORLD CAFE SESSION TOPICS



BIO-BASED AND CIRCULAR MATERIALS



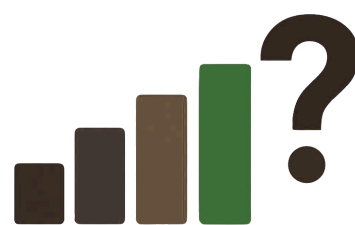
ENERGY EFFICIENCY & BUILDING PERFORMANCE



CIRCULAR CONSTRUCTION PRACTICES

KEY TAKEAWAYS

Many promising bio-based and circular materials exist, but their uptake at scale is limited by the **lack of robust performance data.**



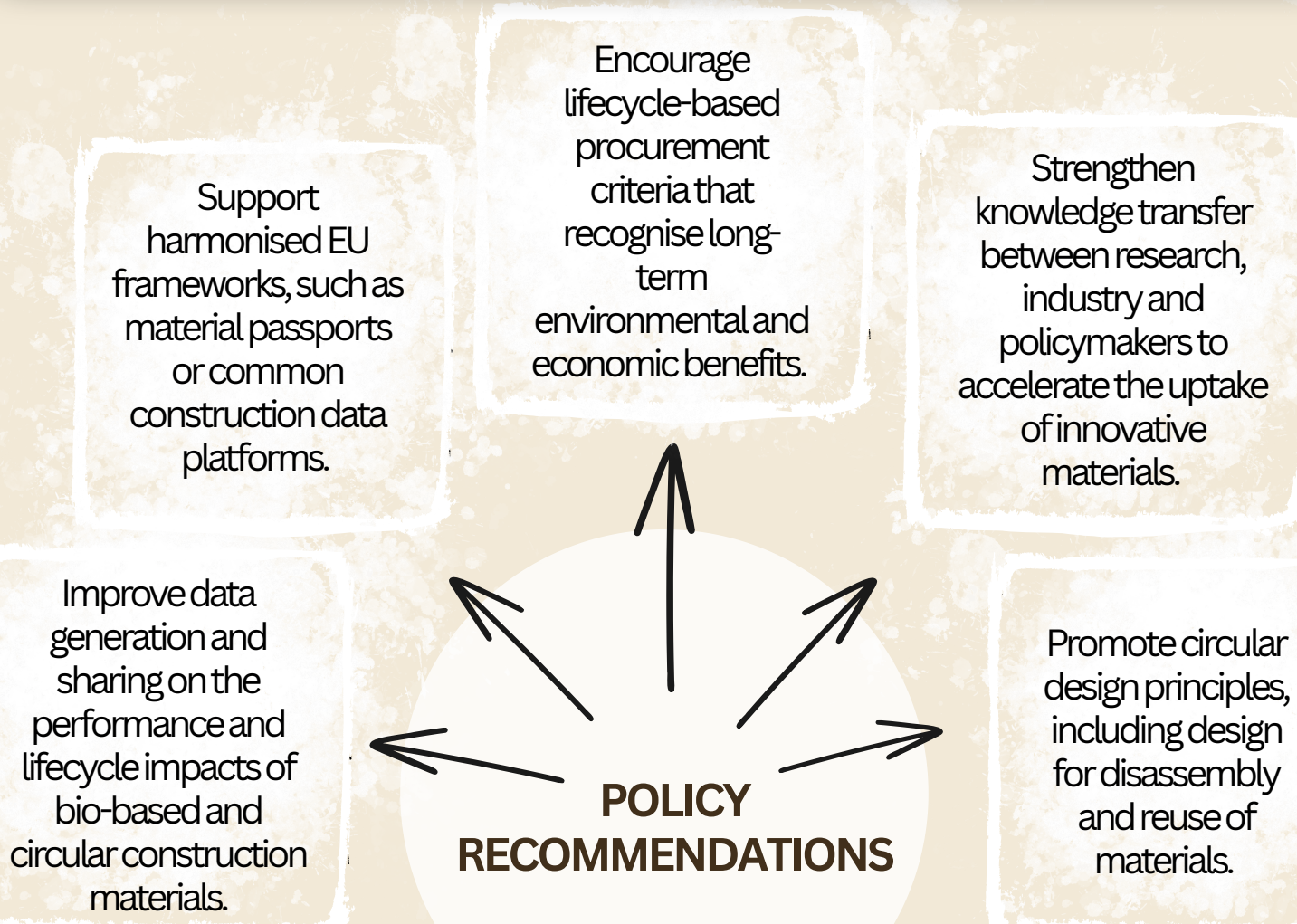
The technology to produce sustainable construction materials already exists, yet **alignment with regulations and market demand remains a major challenge.**

Bridging the gap between research, industry, and market demand is essential to **turn innovation into real-world application.**



Circularity must be integrated from the design phase and embedded throughout the entire building lifecycle.

Standardisation, harmonised materials data, and supportive market conditions are **critical to enabling circular construction at scale.**



Co-funded by the European Union



reconstruct



DRATIC
Demonstrating affordability, sustainability and circularity