

## Why Bio-Based & Rapidly Renewable Building Materials Matter

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1. What are bio-based building materials?
2. Provide two examples of bio-based building materials.
3. What is mycelium and what building applications can it be used for?
4. Name the barriers that have slowed or prevented the widespread introduction of bio-based building materials.
5. How important is supply chain sovereignty in this context?
6. If Australia is to increase its use of bio-based building materials, why is it important that we develop local expertise?

**By the end of this presentation, you should be able to:**

- Define the terms 'bio-based', 'rapidly renewable', and 'low embodied energy' in the context of building materials
- Identify the various biomaterials suitable for commercial interiors, as well as their typical applications
- Explain why these biomaterials are genuinely sustainable
- Outline possible future directions for the use of biomaterials in the built environment

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