

CPD LIVE

Free CPD education online

This CPD seminar entitles you to 1 formal CPD point. Please be aware you are required to manage your own CPD records. We will provide you with your participation certificate and CPD evaluation based on our attendance records post event and your completion of the below questionnaire.

The below answer sheet is for your own self-assessment.

Please keep your completed questionnaires and answers on file for your record.

These do not need to be sent to the AIA or to CPD Live. CPD-Live will send you a Refuel certificate.

HOW TIMBER SUSTAINS US

Proudly supported by



1. What are the benefits of using timber and how is it sustainable?

Timber is a natural product that promotes wellness and wellbeing and can be regrown and when certifiable forestry management practices are followed it becomes a renewable resource. The ability to harvest forests sustainably also increases biodiversity in natural ecosystems.

2. Creatively how flexible is timber and what are the various ways it can be used to meet a brief and site?

Timber can be integrated into many designs, is flexible and leads to many positive architectural & structural outcomes. It can be used for simple load bearing structures through to architectural aesthetic cladding and many other applications.

3. What are the various guidelines, codes and regulations that inform the use of timber in a building?

The AU/NZ Standards, EN Norms, BCA, WELL, BREEM, GBCA/Greenstar and other ISO standards inform the use of timber and its applications within the built environment.

4. What can timber do to help create healthy and sustainable environments such as workplaces and homes?

Timber as demonstrated through many studies provides a tangible beneficial effect on well-being, wellness, air quality, stress levels and human health. It is one of the few universal building materials that can have many applications to provide a healthy building outcome.

5. In the design and build of projects both residential and commercial, what are the benefits of using timber to the architect, the client and to the end user?

Timber is a versatile natural material, relatively low cost yet has a universal aesthetic appeal combined with robust structural qualities. It significantly reduces carbon footprint/emissions of a building and also has the ability to be anti-allergen and lightweight.

6. Which timbers are best and for which uses and applications?

Timbers that are sustainably sourced and relatively available are often the best utilised. European Oak has been part of sustainable forestry management programs for over 40 years making it relatively plentiful and as a hardwood it is suitable for arduous applications. European Oak is more stable than other species (AU Eucalypts) and more resistant to discolouration from sunlight/UV exposure. Other northern hemisphere species are Walnut, Ash, Douglas Fir, Maple, Sapele and many more. AU Eucalypts that are the most common are Blackbutt, Spotted Gum and Tasmanian Oak. Timber can be used as flooring, wall & ceiling cladding, decking, structural members, piers and even roofing.