

# Sustainability Summit

The below answer sheet is for your own self-assessment. Please keep your completed questionnaires and answers on file for your record. Sustainability Summit will send you a Refuel certificate once your questionnaire has been submitted.

## EVERYTHING ARCHITECTS NEED TO KNOW WHEN DESIGNING WITH TIMBER

### 1. What are some of the benefits of using timber?

Readily available, safe (non-toxic), flexible in look and application, aesthetically appealing, cost effective, strong, sound absorption, electrical and heat resistance.

### 2. Are there any cost benefits?

As a product which is (ordinarily) readily available and naturally occurring, timber offers major cost benefits at various design stages of any project.

### 3. What are the sustainability credentials of timber?

Timber is natural and renewable when used as part of a cyclical process of harvest and then regeneration. As a naturally occurring material, timber offers a lower environmental impact than alternative, manufactured building materials.

### 4. What are the design possibilities of timber, particularly Glulam and CLT?

Timber design possibilities are constantly evolving in line with new technologies. Used from anything from structure to flooring, walls, furniture, facades and design statements, the rise of 3D modeling and printing is only increasing the way we can use timber.

### 5. What should you consider when selecting a type of timber?

Availability, carbon footprint (import/local), colour, grain, shrinkage, durability, workability, price, required maintenance, finish options/how the timber weathers.