



Timber-Concrete-Composites Increasing the Use of Timber in Construction

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Summary:

Timber-concrete-composite (TCC) systems have increasingly been used in recent decades. One of the main reasons for this development is related to applications that could not be built with timber alone, but that become possible with a TCC solution. This paper first gives a short overview of the use of TCCs, the relevant regulatory framework, and then presents several case studies of TCC applications. The perspectives and examples are from Europe, North America and Oceania to give a worldwide perspective from regions where TCC systems are being used. The structural systems presented in the case studies include bridges and floors in public buildings. For each project, details of the application are presented and the way each one contributed to extend the use of timber in construction.

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