

Halse Tre: Norway's first timber office building designed for disassembly and reuse

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ABSTRACT

Design for disassembly is a key strategy for ushering the building industry into the age of the circular economy. Timber has long been hailed as an efficient structural solution to meet growing environmental challenges. Yet the timber material lifecycle has primarily remained linear, the need to design for demountability and reuse is central to making timber a circular material loop. The Halse Tre project is Norway's first timber office building designed and constructed explicitly with the intention of future disassembly and reuse. Oslotre would like to present the solutions and challenges developed for the project. Timber-to-timber connections have been central to the project's design and offers interesting solutions for the circular future of timber architecture and engineering.

BIOGRAPHY

Ona is the CEO of the Norwegian based architectural practice Oslotre AS. The name of the practice, Oslotre, translates into Oslo-timber, betraying both the practice's location and material of choice. Ona is a devoted timberhead, working tirelessly to promote timber as a renewable carbon storage resource for a greener and more sustainable building industry. Given half a chance you'll find her hiking through the forests of Oslo, reflecting on how biophilic design can make our buildings and lives better.