

The Future of Wood Manufacturing

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What have all these items in common?



Industry Agenda

Shaping the Future of Construction

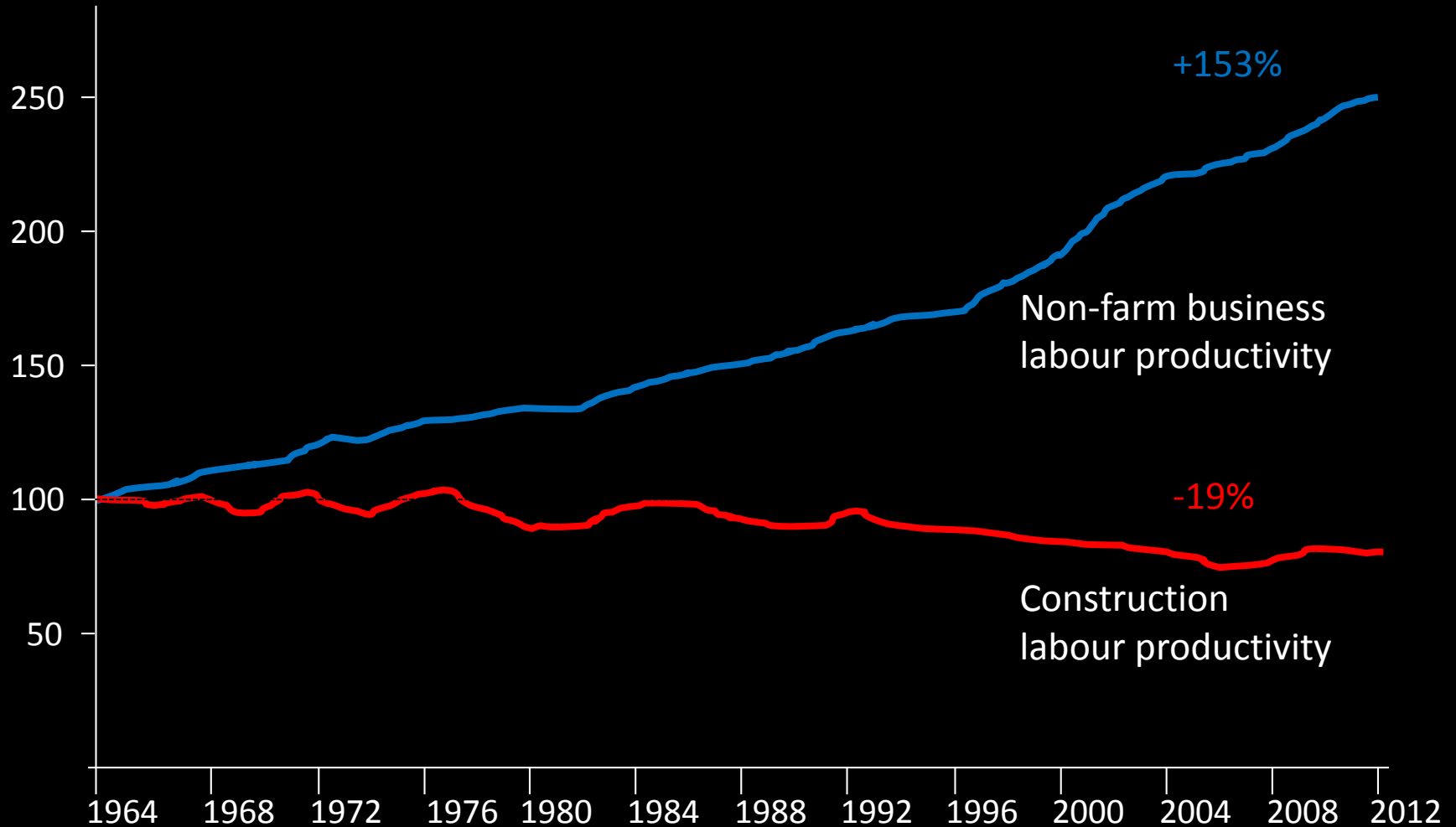
A Breakthrough in Mindset and Technology

Prepared in collaboration with The Boston Consulting Group

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Construction Labor Productivity (USA)



Peer set based on US companies with engineering, construction and service-related standard industrial classification codes. Financials are inflation-adjusted and indexed to 1964; output per working hours.

Source: Global Vantage; Compustat; Bloomberg; www.aecbytes.com/viewpoint/2013/issue_67.html; www.nber.org/papers/w1555.pdf; S&P Capital IQ; BCG ValueScience Center; World Economic Forum

Why is the construction industry performing so poorly?

- Lack of innovation and delayed adoption
- Informal processes or insufficient rigor and consistency in process execution
- Insufficient knowledge transfer from project to project
- Weak project monitoring
- Little cross functional cooperation
- Little collaboration with suppliers
- Conservative company culture
- Shortage of young talent and people development

Industry 4.0

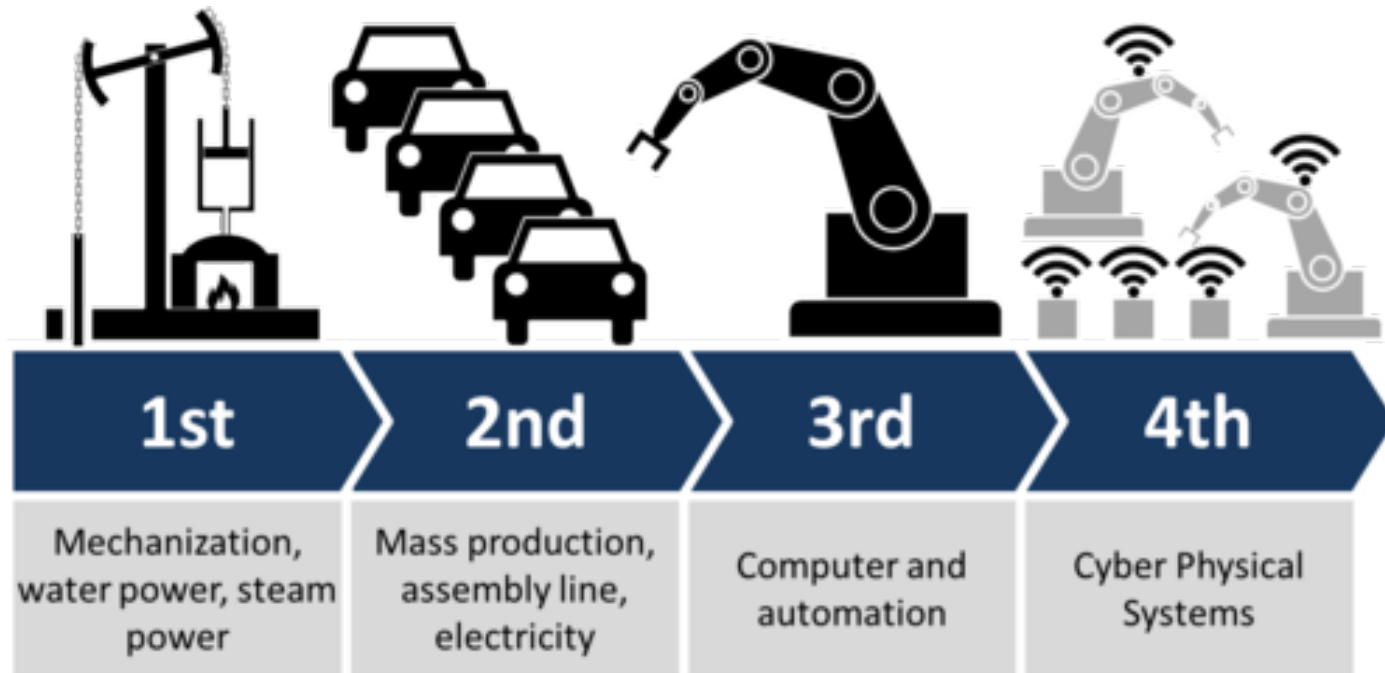




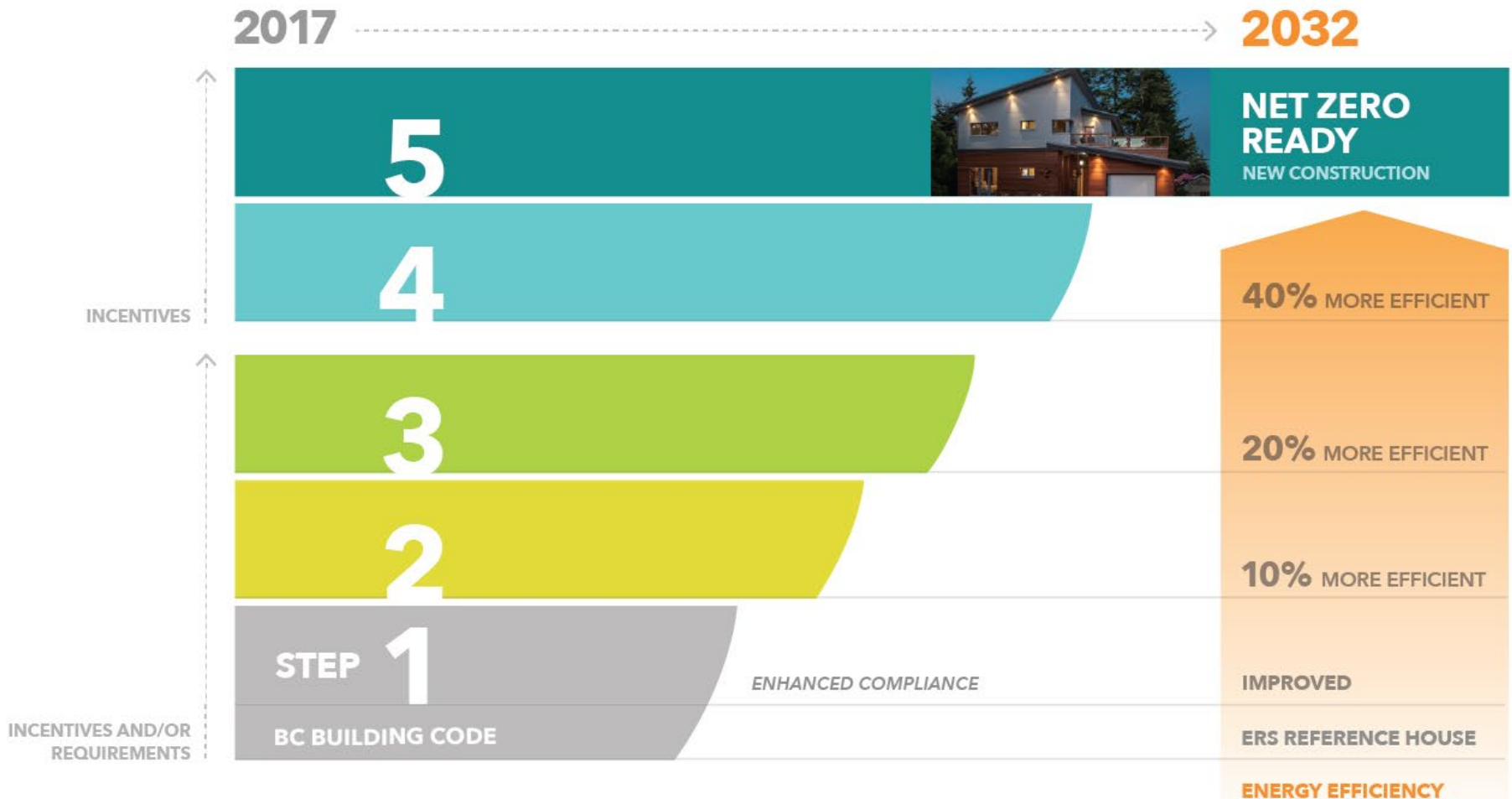
Photo by William Henry Jackson



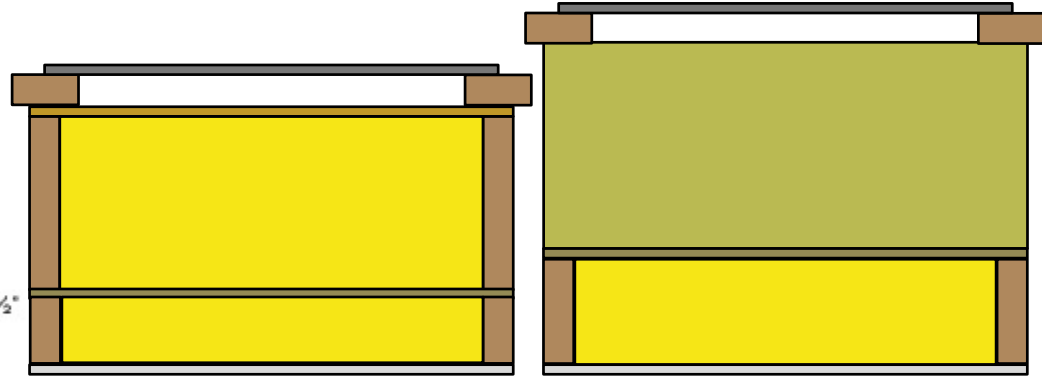
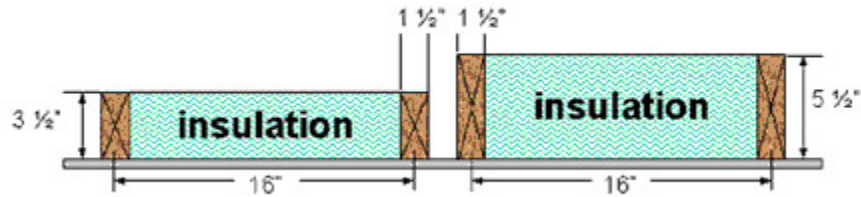
Photo: Habitat for Humanity

BC Energy Step Code

PATHWAY TO 2032: **PART 9 (HOMES)**



Energy Efficient = Thicker Walls



- Energy efficient does not equal sustainable but without energy efficiency no sustainability!







Photo: Renggli







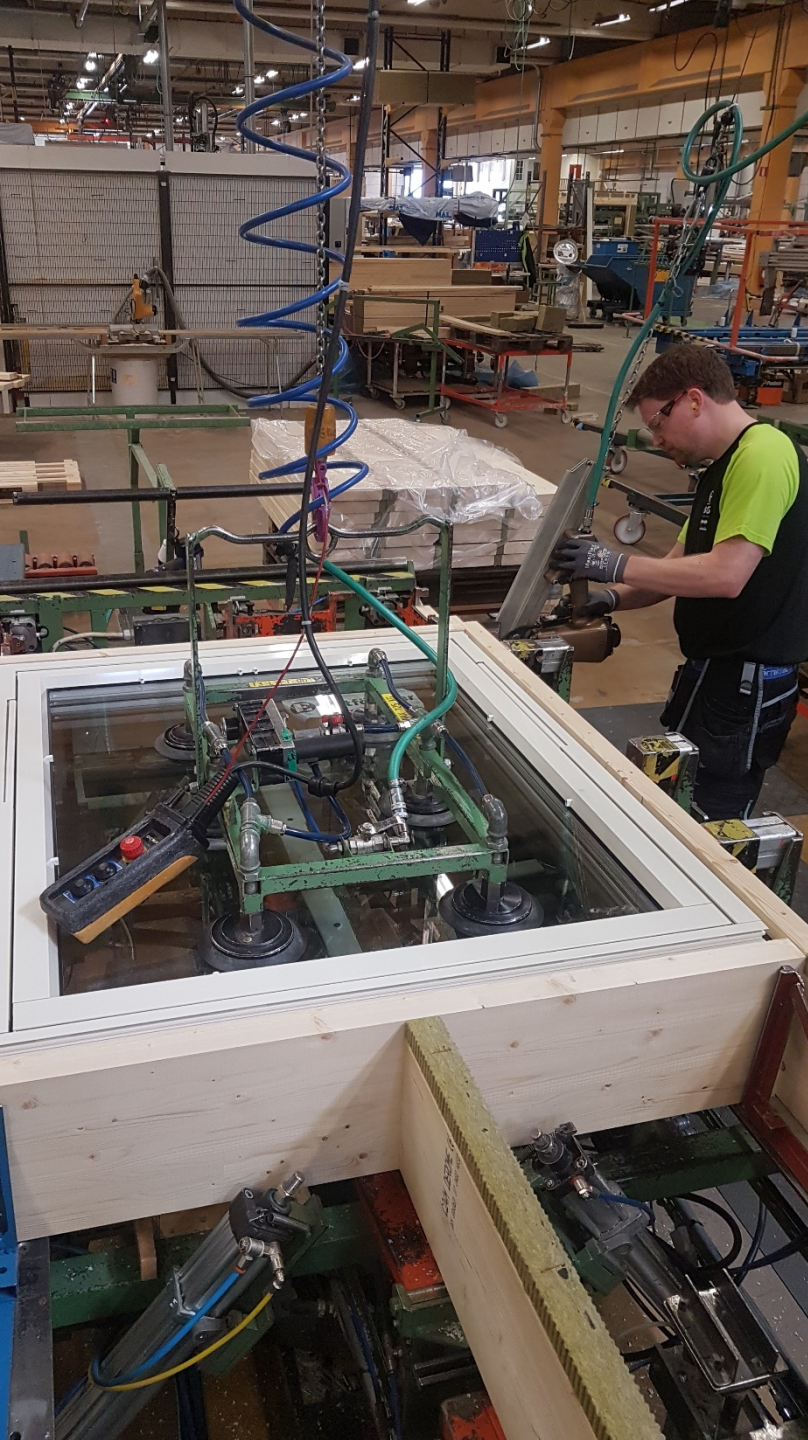
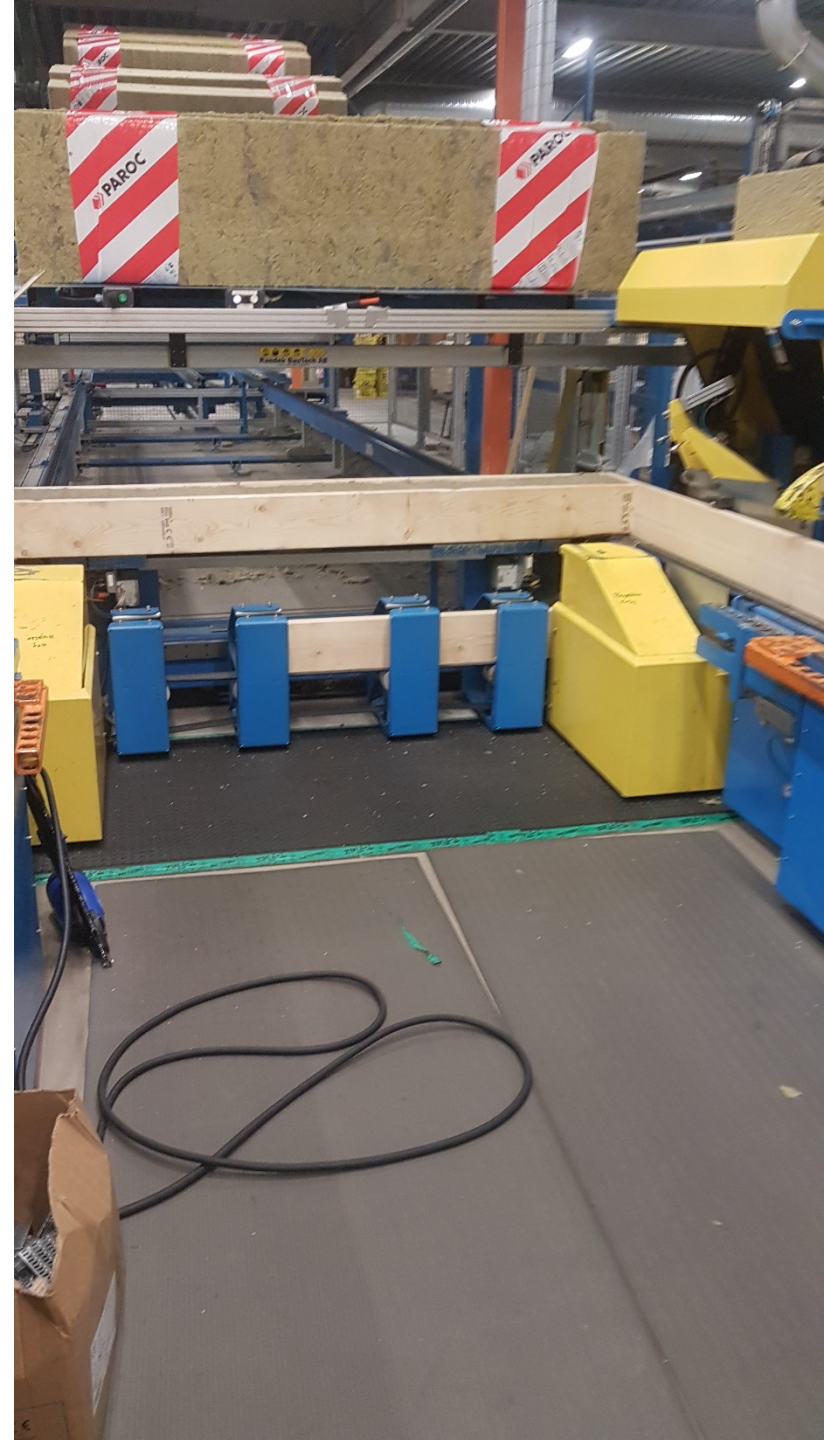
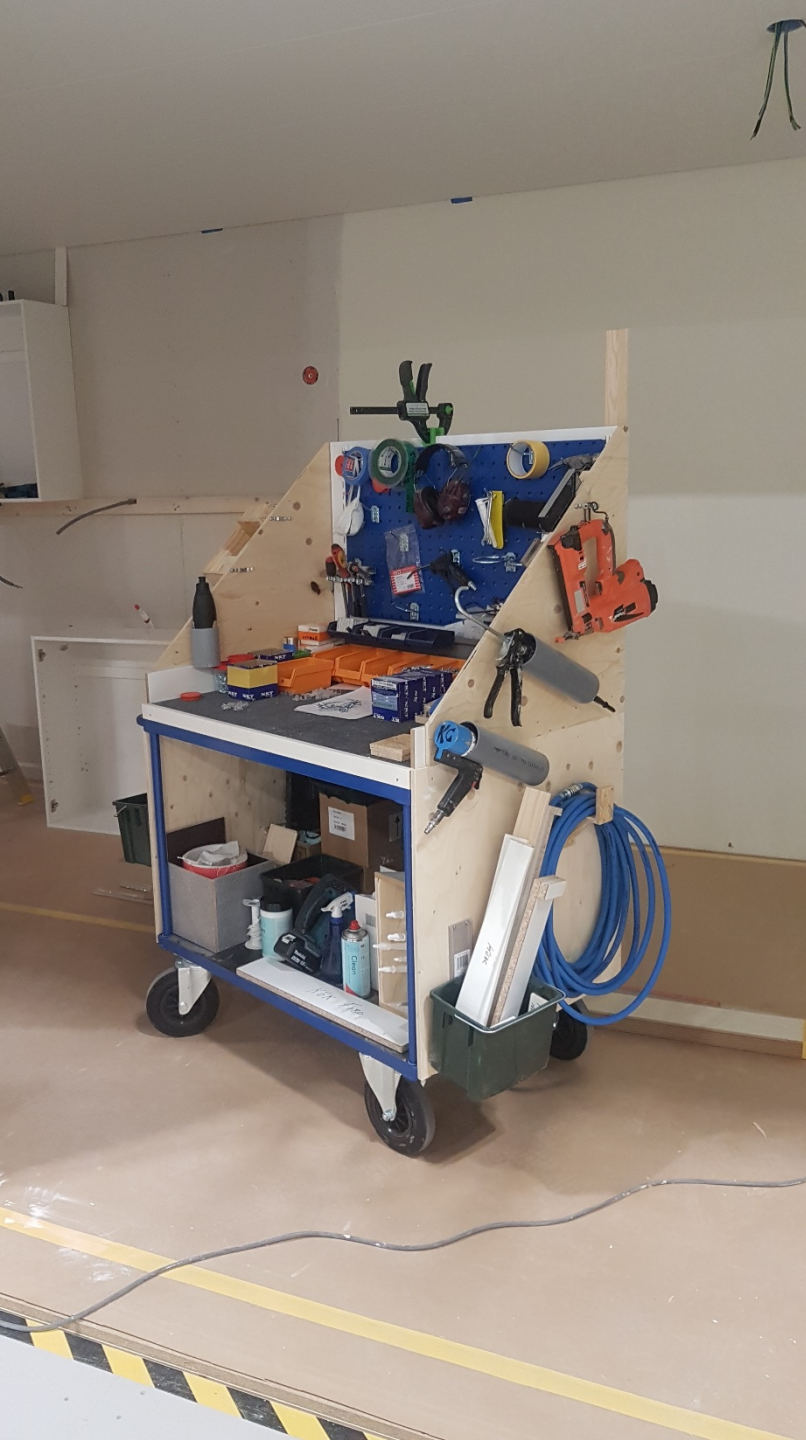


Photo: Wimmers















Deciduous trees



BauBuche



Wood Fiber Composites



Wood Fiber Boards



Integrated Wood Design



Photo: FII

The background is a close-up of a wood surface, showing concentric growth rings. A heart shape is formed by the natural undulations of these rings, centered in the upper half of the image. The wood has a warm, golden-brown tone with some darker, cracked areas.

THANK YOU