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Modulhus Green thinking and approach

UN climate panel (IPCC) report from August 2021 shows that if CO2 emissions continue to rise, warming could reach as high as a catastrophic 5.7 degrees by the end of the century; 1.5 degrees within 20 years, which outputs the alarm code red. We see major floods, fires, earthquakes, and other weather disasters around the world much more often than ever before. The small changes are huge. According to forecasts, the year 2023 will be the peak year for greenhouse gas emissions. At the same time, the entire world's population is only becoming more urbanised.

Wood as a raw material is an important part of the solution for the construction sector. One sure thing that we in the construction industry can do is build what we can from wood. Why is wood as a material so important? As trees grow, CO2 is converted to biomass through photosynthesis. This is part of the natural carbon cycle. When the wood at the end of its life is either biodegradable or burned, CO2 returns to the carbon cycle.

Wooden urban development is the sustainable future. Wood is the world's strongest building material in relation to weight with the surface that is easy to treat. It is a renewable natural resource that can be recycled and re-used. A modern wood industry uses all levels of wood as material with no "leftovers" in the end of the process.

We, in Modulhus, are the wooden green building specialists building qualitatively and sustainably

Modulhus builds its houses in Scandinavian market, which is the most innovative building market in the world. The Scandinavian market is one of the most advanced, innovative and most digitalised, especially within digitisation and BIM implementation. The Scandinavian market is led by high competence requirements throughout the value chain: from engineering to the erection of the buildings. The Nordic model is a roadmap in construction innovation and green urbanisation.

Majority of the countries worldwide see the Nordic region as a place for inspiration and learning in order to accelerate green urban development in their own markets. With the advent of digitalisation, this has really become possible - We are not only delivering green modular cabins, cottages and houses, but we are also delivering the knowledge about green urban mindset and thinking of a Modulhus.

Oliver Noemm
Founder & Board member of Modulhus