

Building traditional cabins in the Norwegian mountains

The cabins are built with a technique called “stav laft” . The first floor built of standing staves and poles, the second floor of lying logs. This is a construction technique dating from the Viking age.



The Project

Twelve cabins were to be built in three different locations (regions) over a period of twelve months at a fixed price, each to unique architect specifications.

The Challenge

There were several challenges of financial and customer relations and professional character. Here we focus on those connected to the delivery and building process

- The logistics comprised;
 - Production of pre cut building blocks according to individual specifications from Lithuania using timber from Belarus, windows from Latvia and doors from middle Norway.
 - Carpenter teams from Lithuania that were to be moved around and utilised on all building sites
 - Materials for interior use to be bought just in time from Norwegian local suppliers
 - Co-ordinated transportation
- Considerable seasonal changes in the weather, and difference in the geographical location, topography and accessibility of the sites
- Aligning the building process of each cabin so that we optimised use of labour and liquidity as to in and out payment dates in total
- Highly skilled woodworkers were needed and specialised training in techniques a thousand years old had to be provided



The Solution

By making a standard Milestone plan for the delivery process we could effectively manage and monitor progress of each building project uniformly, and that way keep a stable oversight of our total commitment. We could then focus on planning for activities and assigning the right competence when needed, tailor made for each cabin.

Milestoneplan

