

## Building a log house (vol. 2)

2017 (6 years since start)

It didn't go like I planned. We are establishing a self-sufficiency school in 2020!  
Now we are preparing with friends the teaching-camp.  
So I didn't have enough time to get our house ready to move in.



Downstairs:  
The floor holding beams are holding a layer of poles. They are covered with roots; taken from the surface of forestland. It's not getting easily rotten.

Under the roof:

To avoid that warm air is drifting outside through the ceiling, I put layers of paper under the isolation. On top of the paper is about 60 cm of moss.





The floor upstairs is only 20 cm thick. The birches are representing the ceiling of the first floor. The space will be filled with paper or other stuff in order to absorb sounds.



Isn't it nice? I don't put (precious because processed) boards to places, where I don't need equal surfaces.  
Birch is white and it's reflecting a little bit light.



My drawings of the house were based on stuff we can recycle.

Over decades people have stored windows, bricks and boards on our farm.

Building is great opportunity to use these resources



We are not going for dark rooms.  
But here it looks nice!



After leveling the floor downstairs, I had to raise the foundation through the floor. I made it from natural stones without concrete.



There is a ventilation-pipe to get air straight from outside. Otherwise the air, which is needed for burning a fire in the stove will be taken from any gaps in the room. It's wasting energy. This air will also cooling down our device for making electricity from hot and cold (TEG).

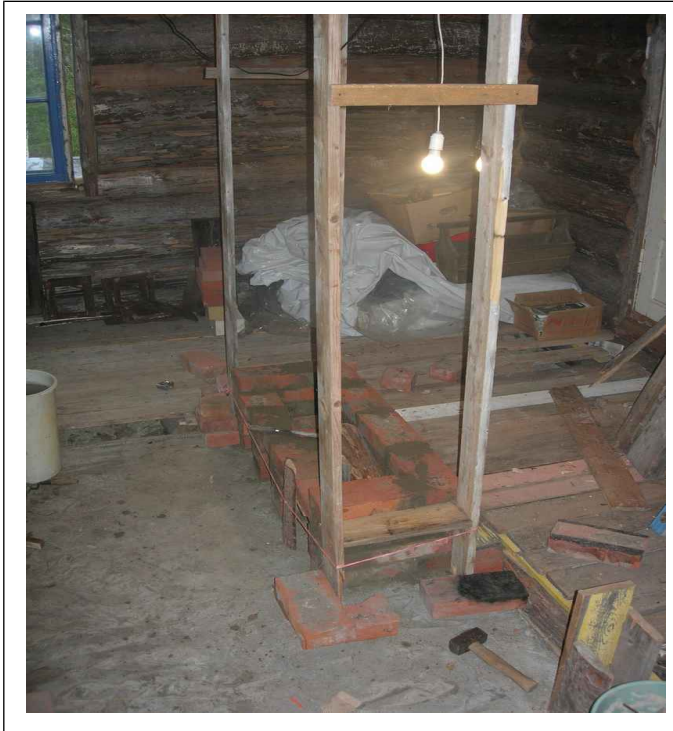


The finish of the foundation is made out of armored concrete. It holds the chimney, stove and oven- about 10 tons.

I can't help myself - this is not a job of inspiration. I don't like masonry. I don't like working with concrete.

Wood and natural stones are my choice!





Just before it got cold I started with the chimney. 1 meter is done.

Next year I hope the house will be ready for moving in. I suppose, that we cannot stay over winter because I need more moss for insulation.

This is a guy, how looks like he has no problems in general. Maybe it's not me.

Ok- it's a joke, but I start to get tired after 6 years of hard work.





I think next spring I'm again eager to continue this project.

Have a good winter! We have extremely lots of snow. I hope that climate change is not bringing storms, which like to lift my roof-construction.

Cheers for 2018!

Lasse & family