

Dear Friends

My stay in Thailand is slowly coming to an end. I'll be home soon and I am sincerely looking forward to it. Every time I'm abroad for a longer period of time, I see the many advantages and privileges that we enjoy in Switzerland..... many people are unfortunately not aware of how good life is in our home country.

A lot has happened in the past few weeks. We have worked intensively on the procurement of materials and the laser processing for the skeleton. We are happy that after a long search and via detours we have found a company that can offer us good quality, a fair price, and the necessary capacities for the Ukrainian Happy Home.

In the link below you can see the first test cut on the tube laser. It is impressive for me how quickly and precisely a steel tube is lasered.

<https://youtu.be/xCXTiZQyhfg>

The last 2D drawings will be completed next week. We will review these in detail. After our approval, the tube laser company will load the data onto the machine and calculate the laser cutting time for our "Happy Home". The company offers the pure cutting time for 140 Baht per minute, the equivalent of about 3.65 CHF. The handling of the profile tubes before and after cutting is included in the price.

This is a fair price for this high-tech machine. As soon as we receive the definitive offer, we can approve the order for the tubular skeleton.

In mid-September we will start assembling the tubular skeleton together with the "Happy Home" team. 2 women and 2 men are available for assembly. We expect an assembly time of 3 days.

It is important for us to show that our Happy Home for Ukraine can also be built by women and teenage people.

Then we mount the facade with 150 mm foam concrete panels. For the interior walls we use 60 mm foamed concrete panels, the partitions are made of 100 mm foamed cement panels.

With these panels we fulfill the necessary insulation for the climatic conditions in Ukraine.

We will document all steps with videos and animations. We want to use these to show how flexibly and quickly a "Happy Home" can be built.

The cooperation with our Ukrainian contacts is going very well. We have already received some important information regarding the structural design as well as Ukrainian regulations and can use this information to design the prototype.

Our student from the University of Applied Sciences OST, Dilan, has completed her bachelor thesis on «Happy Home». Dilan has set demanding requirements in terms of stability and thermal stress. Her calculations are based on the Zone and SIA standards.

We are proud that our Happy Home meets the Swiss building physics requirements and complies with all conditions.

I will use the time at home to look for further optimizations, to get suppliers enthusiastic about our project and optimal prices and, of course, to recharge my batteries with my family.

I will keep you informed about the assembly of Happy Home for Ukraine. Our goal is to be able to present a professional assessment of the shell in mid-November together with Prof. Felix Wenk from the OST University of Applied Sciences.

Please continue to «advertise» our project. We still need all the support we can get.

Please email me if you would like additional information.

I wish you all a peaceful summer!

With kind regards from Thailand

Franz