



**WOODEN HOUSES**

Your Idea, Our Work

## I. Introduction to the activity and site of production

Back in 1993 the Icelandic company NORVIK hf ventured to the Baltic States and established SIA BIKO-LAT in Latvia.

**Today BIKO-LAT is one of the largest and most efficient production plants in Latvia. BIKO-LAT is one of the leading Latvian exporters of timber products.**

They produce dried, planed timber, finish and terrace materials, fences, garden furniture, wooden windows and doors, as well as wooden panel houses.

The site is organised into **4 departments** that are owned by the same group but are working independently.

- Wood working
- Wooden windows and doors
- Facing and Garden elements
- Prefabricated timber element house



SIA BIKO-LAT House Building department was established in 2005 as structural unit of SIA BIKO-LAT , and it is situated in its main production plant in Latvia - Jorvika, Koceni municipality.

To sum up the short story of BIKO-LAT Wooden House department has made several hundreds of projects in their main markets - Iceland, Norway, Belgium and Latvia. We can easily analyse that entering the French market through Leverwood represent an opportunity on both side.

BIKO-LAT Building department **offers engineering of elements, structural and energy efficiency analysis, element production and delivery, assembly and facade finishing works.** Most of the timber products also undergo special pressurised treatment, significantly increasing the durability and resistance of the timber to humidity or structural damage caused by insects.

SIA BIKO-LAT House Building department not only builds wooden houses, but also makes high quality sound absorbing elements - fences, walls and curtains.

All production processes conforms to **all highest quality certificates - CE, FSC, CTB B+, Passiv Haus** etc. These accreditations are the acknowledgments of the quality of Byko's work.



## II. Introduction to the service operations (Technologies, Engineering and Product)

BIKO-LAT is a producer of wooden panel houses that has the ability **to customize** their products to meet all the specific needs of a customer.

They also specialize in producing different type of wooden panels for houses; they are able to provide other products such as facade element, wooden windows and doors or various wooden constructions directly on site and depending on the needs of the customer.

Another one of their advantage is that they provide the possibility of our products to be delivered and assembled, if necessary and among the desire of the client.

To reach the utmost precision on drawing and on the production Byko uses the most adequate software and machines:



<b>AutoCAD® Architecture</b> software is the version of AutoCAD® software created <b>for architects</b> .	<b>hsbCAD</b> software - the total solution for quick framing of Walls, Floors, Roofs and so much more.	<b>Hundegger Speed-Cut</b> . The Speed-Cut was developed predominantly for quick and precise cutting to size.
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## Components of Leverwood's walls



Latte verticale

Panneau OSB

Panneau intérieur divers :  
platre BA13..

Système des lisses  
spécifique à Byko.  
Bois traité autoclave.

Isolation  
personnalisable  
dans une  
structure bois

Panneau OSB

Pare pluie

Latte verticale

Bardage extérieur :  
Bois, brique,  
parpaing, crépis...



### III. Processing between Leverwood and Byko

