



## Case: **Ruukki Group**

**RUUKKI** | GROUP



### **Effective greenfield pulp mill in Russia**

Ruukki Group has planned to invest in a new saw and pulp mill in Russia. They wanted to ensure the functionality of the planned mills and the logistic system related to the investment. They also wanted to produce enough detailed information about the effects of different structural and production changes that can be used as a base from the investment decisions. The significant targets were also to optimise the capacities of storages and the overall efficiency of the system.

Dynamic simulation offers a perfect tool for producing information, modelling and comparison of alternative solutions. For example the schedules of wood and chip transportations, production, seasonal variation, durations and lead times were taken into account and measured during the simulation process.

Based on the produced information, the customer was able to do investment proposal about the needed production and logistic solutions. The optimized warehouse capacities ensured the required service level. The targets of the project were fulfilled and the total efficiency of the planned investment secured.

#### **Ruukki Group**

Ruukki Group currently comprises the following separately reported business segments:

House Building, Sawmill Business, Furniture Business, Care Services and Investment Projects. In addition, the Group has business operations within the metal industry and some holdings in associated companies. Most of the Group's business operations are currently located in Finland. However, the relative proportion of exporting activities has been growing during the last years. In addition, the Group has major investment projects in progress in the wood processing industry in Russia. In the future, this may shift the geographical focus of operations significantly.

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