



Potential Co-op's

Securing IKEA wood availability (with focus in North America)

North America is strategic market for IKEA. Layer-glued and Comfort Seating - categories have strong growth when it comes to engineered wood and some limitations of commercially available wood species in European Union has been identified, with limited supplier base in North America. Co-op focus would be on:

1. Evaluate the material use and current situation at IKEA
2. Finding new raw material suppliers and preparing new supplier base in NA
3. Synergy to produce products from veneers such as LVL, plywood, layer-glued to name a few
4. Evaluate feasibility to diversify on wood species
5. Analyze forest assets and forest value chains, being backward integrated.
6. Evaluate logistic solutions of raw material to EU units including evaluation of GHG emissions in logistics.
7. Conclude the opportunity and propose actions for next steps to build integrated supply chains.



Potential Co-op's

Wood modification (Improved drying, Engineered wood)

High temperature treatment of rubberwood. Possible assignments and combination thereof,

1. Literature study on what kind of insects and type of mold that infest rubberwood in Vietnam. How will the domestic industry treat the wood for export? What are the receiving countries? What about comparable wood species for export, how are they treated? How will HT affect the material properties? Common IKEA articles made of Rubberwood.
2. Conclusion about temperature and time for HT to eliminate already infested material based on the literature study.
3. Make a proper drying program for rubberwood including HT-phase
4. Description of what recourses a kiln together with a boiler needs to have to accomplish drying and HT-phase. What extraordinary man-skills is needed?
5. Investment in kiln with boiler for rubberwood drying. Kiln manufacturing company.
6. Literature study on what disinfestation compounds that are commonly used for domestic market in Vietnam
7. Conclusions about why IKEA doesn't use this domestic methods in its products