



# Subcommittee name : Utilization of wood and CLT with DX

Area : Large scale and Mid-to-high-rise building using wood and CLT

Content of effort : Reuse of CLT with Building Information Modeling (BIM) data

(Leadership organization)

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(Representative)

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# (1) Goal

**A target is the supply chain of wood and CLT not only at the primary use as well as at the time of reuse.**

**The use of wood and CLT as sustainable materials is being promoted in various buildings.**

**In this subcommittee, we will organize task in advance to meet future reuse needs and proceed with examination of necessary technologies and system.**

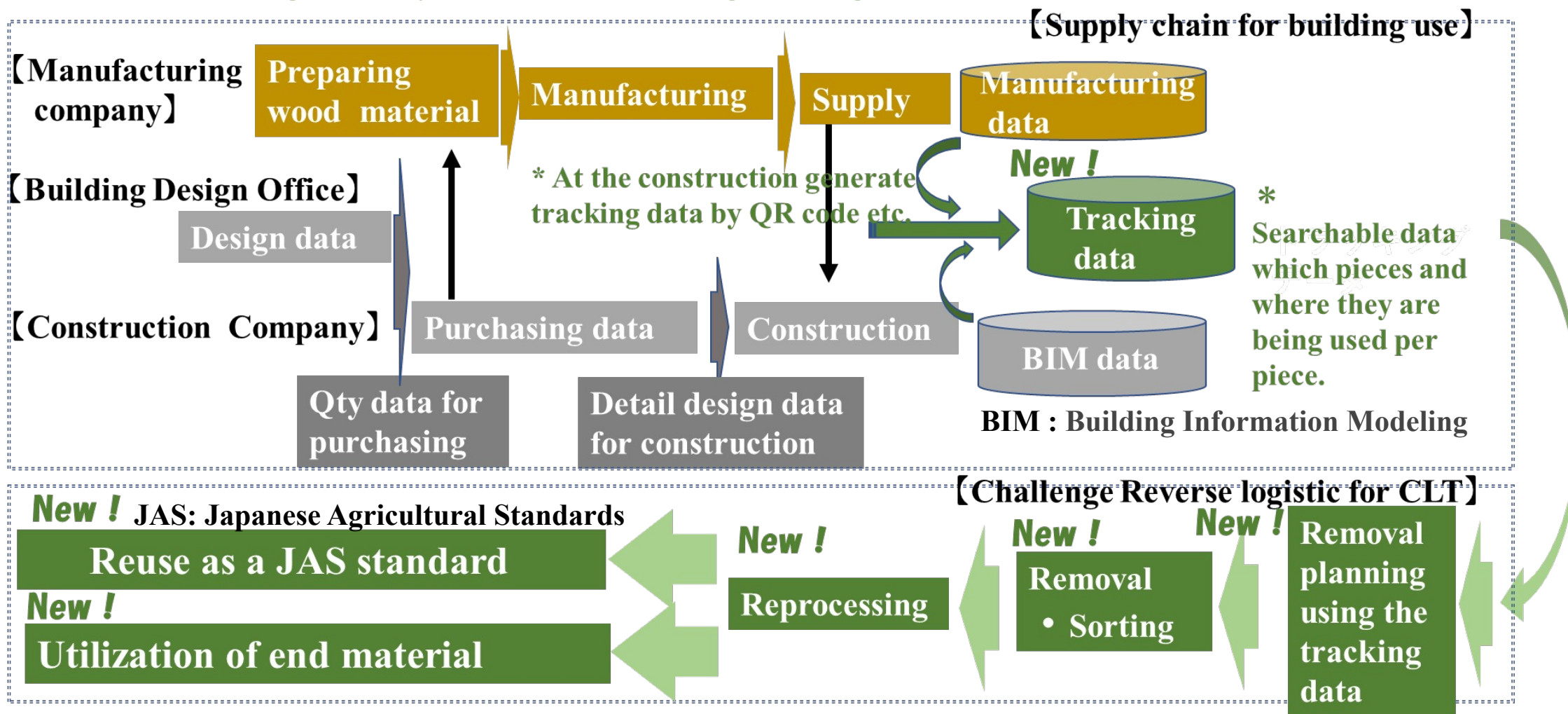
**We will carry out activities with the first goal of being able to demonstrate new technologies and system for reuse at Expo2025 Osaka Kansai.**

**What is CLT ? -transcript from publication by Japan Cross Laminated Timber Association -**

**CLT(Cross Laminated Timber) is a wood-based material made by laminating and gluing together sawn boards so that the fibers run perpendicular to each other. It is used for walls and floors of condominiums and commercial facilities, mainly in Europe and the United States, and is increasingly being used in Japan as a construction material that is suitable for large wooden structures. In addition, the use of locally sourced materials for CLT manufacturing contributes to promote local industries and empower its communities, and hence, many local governments are now starting to employ. CLT is the ideal material for the theme of Expo 2025 Osaka, Kansai, “Designing Future Society for Our Lives.” The buildings themselves are expected to attract attention as a symbolic expression of “a society where the United Nations’ Sustainable Development Goals (SDGs) can be achieved successfully.”**

## (2) Overview

- ◇ **Maximize the value of reuse using Tracking data**  
 ‹‹ We challenge new system and technologies for green area as described below ››





### (3) Time schedule and action plan

