



# *Biomass Materials Development Research*



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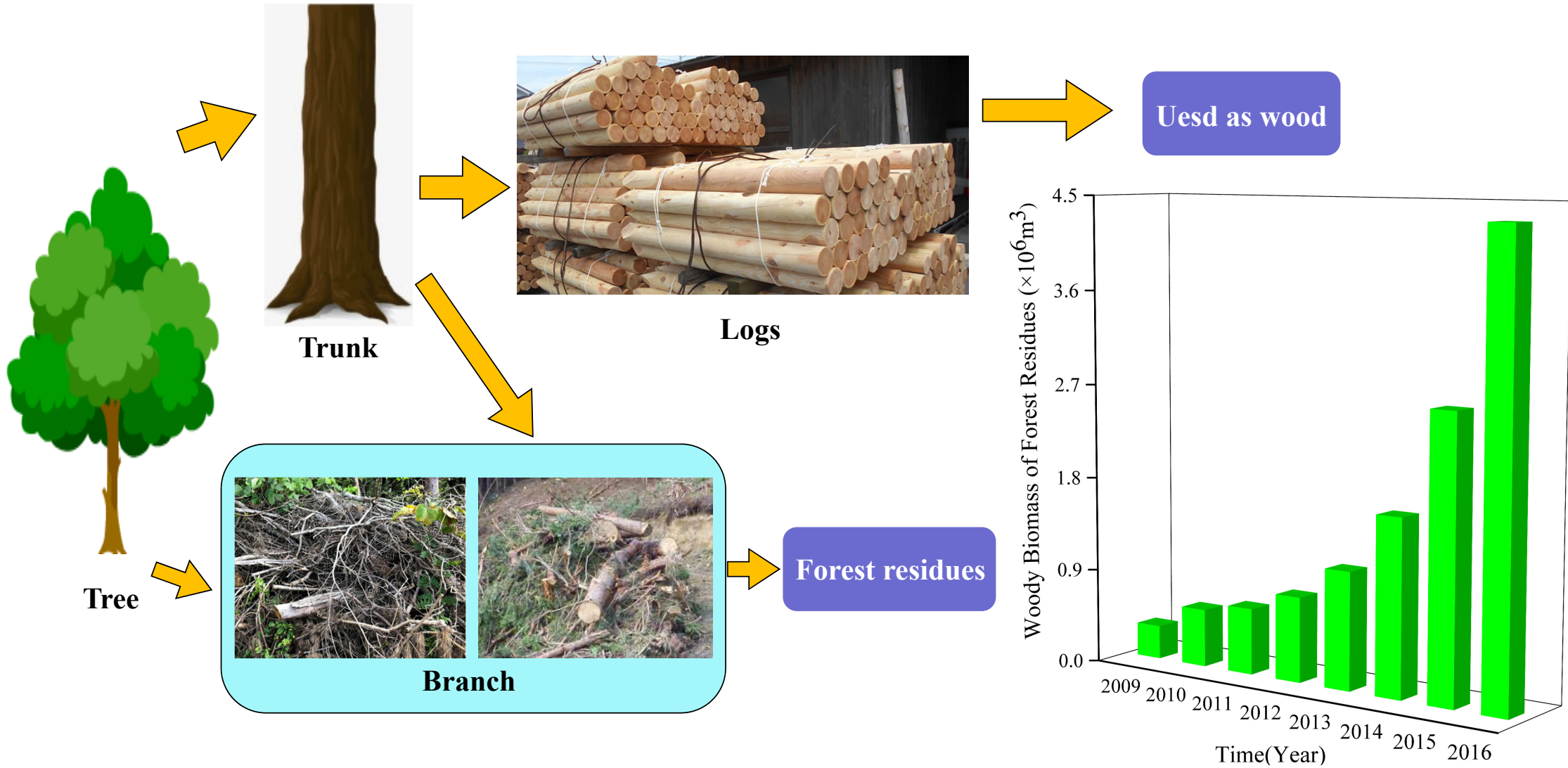


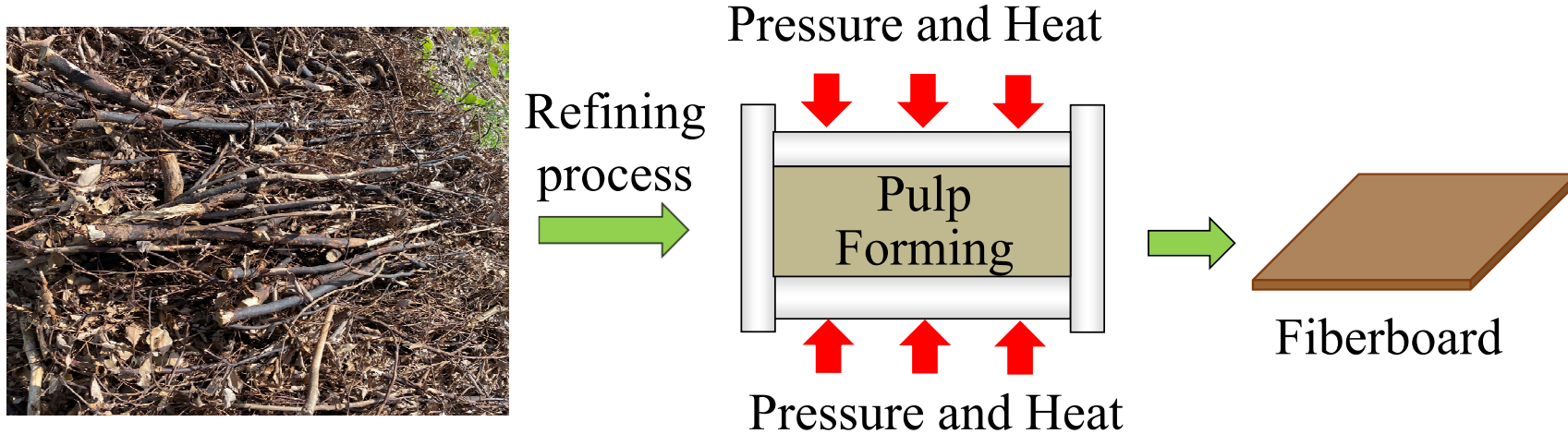
**Plywood** = **Wood Material** + **Adhesive**



**Biodegradable Fiberboard** = **Wood Material** + **Mechanical Methods (No binder)**







- Using mechanical method without adding any synthetic resin.
- Study on the effect of manufacture condition to the properties of fiberboard.

JIS A5905		Physical properties		Mechanical properties	Dimensional stability
Differentiation		Density	Moisture content	Bending strength	Water Absorption
Hardboard	S35 type	≥0.8	5~13	≥35	≤25
	S25 type			≥25	
	S20 type			≥20	≤30





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*Thank you for your kind attention !*



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