

		Conventional Bio-products
Paper Mills	→	Packaging, Newsprint, Publishing, Substrate, tissue
Chemical Pulp Mills	→	Market kraft pulpt Tall oil, Turpentine, Dissolving pulp
Mechanical Pulp Mills	→	Market high-yield pulp
Forests and Process Residues	→	Pellets, Boilers
Plywood Engineered Wood Products Oriented strand board Mills	→	Panels
Sawmills	→	Lumber
Harvesting	→	Log

Advanced Bio-products

Composites & Textiles: Cellulose nanocrystals, Cellulose filaments, Micro-fibrillated cellulose, Composites using cellulose fibres, Bioplastics

Chemicals & Additives: Methanol, Ethanol, Acetate, Lignin, Lubricates, Surfactants and rheology, Pharmaceuticals

Liquid Fuels: Pyrolysis oil, Bio crude, Gas, Bio diesel aviation fuel, Dimethyl ether, Natural Gas (Nexterra Syn-Gas, Gas Technology Institute)

Solid Biomass: Bio-energy intermediates, Torrefied pellets, Bio-coal, Heat and Power

Next-gen Engineered Wood: Cross-laminated timber (CLT), Multi-attribute panels, Wood fibre insulation, Hybrid/tall building solutions, etc.



Advanced Bio-materials



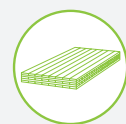
Bio-chemicals



Biofuel



Bioenergy



Conventional Bio-product System with Innovative Technology