

KICK START YOUR BIO-BASED BUSINESS

With world-class competence, numerous growth opportunities and favorable policies, Finland offers a unique platform for bio-based production, partnering and innovation.



GROWTH OPPORTUNITIES WORTH BILLIONS OF EUROS

Finland is at the epicenter of the global growth of the bioeconomy. Recent major investments in advanced bioproducts have paved the way for the future and this renewing industry cluster now offers huge growth potential with platforms and projects worth close to five billion Euros.

We are experiencing a biofuel and pulp boom. New refineries and mills are coming, while platforms and resources are ready now for further refinement, product formulation and the production of value-added products, such as bio-chemicals and advanced biomaterials.

Most heavily forested country in Europe, **86%** of land area is forest

90% of the Finnish forests are PEFC-certified

Annual growth of **100M m³**

UNIQUE PLATFORM FOR BIOBASED GROWTH

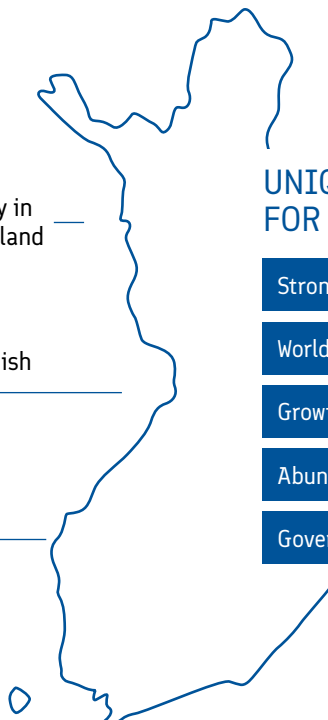
Strong industry cluster

World-class competence

Growth & partnering potential

Abundant feedstock

Government support





HUB FOR RADICAL INNOVATIONS

Innovative new biomaterials are already produced by large companies, and to accelerate the transition from basic research to commercialization, research-based start-ups and growth companies are a core part of the business ecosystem. For example, new pilot and demonstration facilities help startups and companies test their inventions.

New products such as advanced biofuels (incl. 100% renewable diesel), biocomposites, microfibrillated cellulose, high-quality barrier board, cross laminated timber and kraft lignin have been commercially launched in recent years. Currently, product opportunities for wood cellulose, lignin and bioactive components are being actively explored.

Finland's success is based on a deep understanding of the entire bioproduct value chain, world-class experimental research, integration of cross-disciplinary sciences and "open access" pilots and demonstration platforms.

COLLABORATE WITH INDUSTRY LEADERS

Finland has lived off its forests for centuries. And today, the entire bio-economy value chain is in place. With strong relationships between end-users, companies and researchers, Finland offers an unbeatable development platform for innovation.

Global forest industry companies, such as UPM, StoraEnso, Metsä Group, SCA and Sappi have major facilities in Finland. In total, there are 50 pulp and paper mills in Finland as well as over 240 wood product production sites in operation.

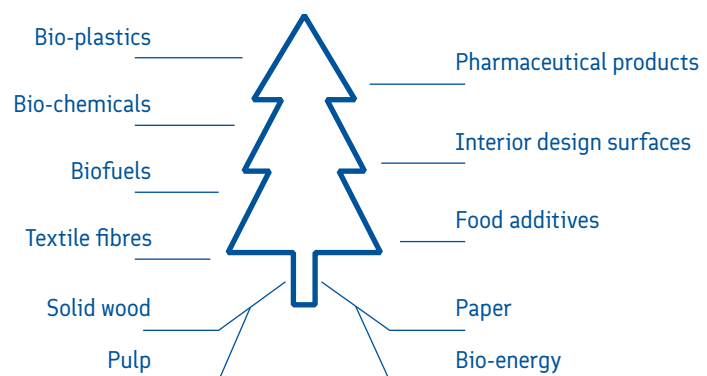
Several innovative tech companies such as Andritz, Sumitomo SHI FW, Outotec and Valmet have a major local presence in Finland and international chemical producers such as CP Kelco, Neste Oil, Kraton Group, Respol and ST1 have a strong focus on bio-based raw materials and processes in Finland.

Finland is also a leader in forest industry research. The VTT Technical Research Centre of Finland is one of the largest applied research institutes in the world and the European Forest Institute has its headquarters in Finland.

FAVOURABLE & AMBITIOUS POLICIES

Strong, long-term policy support by the Finnish government has ensured stable development of the forest industry. Today, the National Bioeconomy and Energy & Climate strategies as well as the Circular Economy Roadmap facilitate continuous growth and renewal of the industry in Finland. And for the future, concrete, ambitious targets have been set for 2030, e.g. 30% of road transport traffic using biofuel and renewable energy accounting for 50% of energy use. Also, Finland's 2025 vision is that sustainable bioeconomy solutions will form the basis of welfare and competitiveness.

EVERYTHING THAT IS MADE FROM OIL TODAY CAN BE MADE FROM WOOD TOMORROW – AND IN FINLAND WE ARE ALREADY DOING IT.



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