

LUXEMBOURG WOOD VALUE CHAIN

HOW DOES THE LUXEMBOURG WOOD VALUE CHAIN CONTRIBUTE TO THE SUSTAINABLE DEVELOPMENT GOALS?



Responsible consumption and production

Forestry operations can contribute to a responsible production and consumption by providing renewable and sustainable raw materials.

72 companies have their activities in the first parts of the value chain: Forest planning & consulting, Forestry operations and Sawmill industry.

Although this represents only **4.7%** of Luxembourg's wood industry, these activities form the basis for the country's other links in the wood value chain.

Climate action

The whole value chain of the wood sector helps achieve this goal, as the benefits of wood, used for energy, bioproducts or construction help combat climate change: less greenhouse gas emissions, less waste and more circularity.



Affordable and clean energy

Wood energy is a renewable energy source that uses wood or wood waste to produce heat, fuel and electricity. Wood provides energy in a clean and sustainable way and can also reduce greenhouse gas emissions and dependence on fossil fuels.



82% of companies have activities in the 3 construction fields, which means that the construction market (building conception, architecture, structure, etc.) is predominant in the Luxembourg's wood value chain.



Sustainable cities and communities

Timber construction is a sustainable way of building infrastructures: wood is a renewable and recyclable material and contributes therefore to a more circular economy. Wood is also lighter and less expensive than other construction materials and has a good thermal performance, which improves its energy efficiency. Carpentry, joinery and interior or exterior wood constructions help reduce greenhouse gas emissions.

10% of companies are involved in the Timber & pulp industry and Trade & commerce in the Luxembourg wood value chain.



Industry, innovation and infrastructure

Timber & pulp industry can contribute to this goal by producing goods and products made from wood for several types of industries (paper, furniture, bioproducts, construction, etc).

Wood energy companies account for **3.6%** of companies in the wood value chain (**51** entities). They are predominantly small and medium-sized and were often incorporated quite recently.

Source: Luxinnovation Wood Value Chain Mapping