



# Forest Joensuu



## Leading the new era

*Joensuu is the home of a globally unique and connected forestry hub, where all levels of education, world's leading companies and top-quality research meet.*

### Forest Joensuu

We are global leaders in digitising forestry and collecting and analysing forest and natural resource data.

Our expertise is integral to adapting to the effects of climate change and the mitigation of biodiversity loss. Joensuu's strong expertise in photonics and ICT also support the development of a smart forest bioeconomy. The circular economy and all the opportunities offered by forests are at the core of new innovation.

### The Forest Capital of Europe



#### 2,5 billion € turnover

Forestry is the driver of regional business



#### 600 companies

Leading network of forestry and wood industry, machinery and equipment manufacturing, technology, incl. John Deere Forestry, Mantsinen Group, Stora Enso, Iivari Mononen and Arbonaut

### Education and Research

University of Eastern Finland, Karelia University of Applied Sciences and North Karelia Municipal Education and Training Consortium Riveria train highly valued professionals in forest bioeconomy, from practical experts to doctors.

In addition to educational institutions carrying out high-standard international research, Joensuu also houses European Forest Institute (EFI), National Resources Institute Finland and Finnish Environment Institute.



#### 400 students

At three different levels of education, dozens of qualifications



#### 6000 jobs

600 skilled professionals in expert and development positions

[forestjoensuu.fi](https://forestjoensuu.fi)



## Visit

### Discover the versatile forestry expertise in Joensuu

Expert groups visiting Joensuu can expect to see many sites related to forest bioeconomy within a short distance of one another. The unique forestry hub offers the visitor a window into excellence in forest education and research, the circular economy and energy as well as timber construction. It is easy to tailor your visit from a selection of businesses operating in the different sectors of forest bioeconomy; don't forget to take a breather in a real forest before you go!

We welcome you to the European forest capital!



## Circular Park Joensuu

Eastern Finland's flagship area for renewable energy and the circular economy that utilises an industrial symbiosis and byproducts in biomass-based energy production. The ambitious area also features the biggest biochar factory in Europe as well as future investments in hydrogen economy and solar power.

## Education & Research

The Joensuu campus of the **University of Eastern Finland** is located close to the centre. **National Resources Institute Finland, European Forest Institute (EFI)** and **Finnish Environment Institute** operate in the **Metla House** near the campus.

You can learn more about wooden construction and renewable energy by visiting **Karelia University of Applied Sciences**. The **Valtimo forestry machine school** trains skilled forest machine operating professionals under a two-hour drive away from Joensuu.

## Wooden construction

The **Metla House** is a great example of wooden construction. It uses almost every tree species grown in Finland. Its neighbour, the **Joensuu Arena** finished in 2004 as the biggest wooden building in Finland. The notable feature of the landscape on the eastern shore of River Pielisjoki is the tallest wooden apartment block in Finland, **Lighthouse Joensuu**. It houses over a hundred students. The wooden **Ylisoutajan silta** bridge (bridge of the year 2015) is located at the foot of the Lighthouse. In the city centre, the CLT structures, charred wooden surfaces and very Karelian shapes of **Joensuu Market Hall** and the **Marttakahvio** café dominate the market square.

## Top companies in the region

The most popular company to visit is **John Deere's** world's biggest forestry machine factory, located near the city centre. Top-tier equipment manufacturers are represented by, e.g., **Kesla** and **Mantsinen**. **Stora Enso's** sawmill and pulp mill in Uimaharju and **UPM's** plywood factory showcase wood processing expertise in Joensuu.

Pioneers in digital forest data collection include **Arbonaut**, **Bitcomp** and the airship manufacturer **Kelluu**. At **Hiil's** factory, you can learn how recycled boards are turned into useful charred timber.

## Nature sites

You should spend some time in the forest when you visit the European forest capital. **Koli** is a beloved Finnish landscape known to many. It is only an hour's drive away from Joensuu. **Kuhasalo** Nature Trail is located near the city centre. Take a relaxed stroll in an old forest and along the lakeside. Our region offers experiences around the year, showcasing the authentic, down-to-earth North Karelian lifestyle.

Enjoying a cup of campfire coffee is an unforgettable experience, especially for our international guests!

