



ROVANIEMI

Report on Environmental Action Goals

ENERGY SOLUTIONS AND DISTRICT HEATING

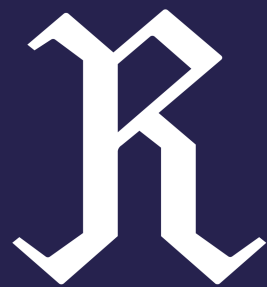
- ✓ Our region generates four times more emission-free and carbon-neutral electricity than the entire city consumes.
- ✓ The district heating is produced almost 100% from locally sourced fuels in Lapland, such as recycled wood, industrial by-products, woodchips, and peat. The long-term goal is to completely phase out the use of peat by the year 2030.
- ✓ The power plant has recently invested significantly in environmental and climate protection. Greenhouse gas emissions have decreased by nearly 60 percent in just a few years, and future investments continue to improve networks.
- ✓ Renewable energy solutions, such as wind and solar power, are being researched in Rovaniemi and worldwide. However, Rovaniemi's significant role as a military base particularly limits the possibilities for using wind power.

CIRCULAR ECONOMY

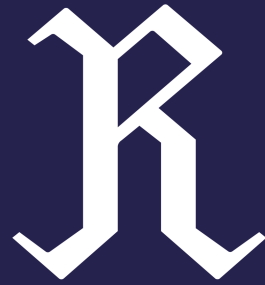
- ✓ The Circular Economy Roadmap for Rovaniemi has more than 50 measures. The top 5 measures were to be selected in the fall of 2023, but this process is still ongoing due to organizational changes.
- ✓ The preparation for the Circular Economy Green Deal in national level is underway, administered by the Ministry of the Environment and the Ministry of Economic Affairs and Employment.
- ✓ Many of the regulations and guidelines regarding circular economy come from the European Union
- ✓ Rovaniemi has a new sludge incineration plant. Sludge is collected from the wastewater and the plant uses new technology to incinerate toxic substances into ash at temperatures exceeding 800 degrees Celsius. This pure ash can also be used as fertilizer in food production.

NATURE CONSERVATION

- ✓ Rovaniemi values its precious nature and works to enhance the biodiversity of urban nature.
- ✓ The ecological quality, accessibility, and health effects of green and blue areas are ensured.
- ✓ In wooded areas, planned biodiversity enhancement is a central goal of maintenance.
- ✓ Biodiversity is also supported in the city center through the city's own green areas.
- ✓ To promote cost-effective stormwater management, green surface area is increased in urban development.
- ✓ The biodiversity of the city's parks is also enhanced.



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