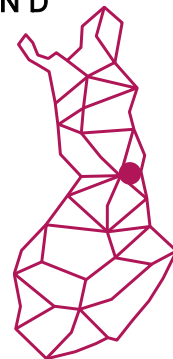


Contract Manufacturing and Canning Facility



Suomussalmi offers excellent opportunities for the development of contract manufacturing and a canning facility. The area has clean and abundant groundwater resources, vast natural berry-growing regions, and potential local operators who could benefit from contract manufacturing and canning services. The canning facility and contract manufacturing also support the region's economic development and create opportunities for local small businesses.



TECHNICAL DETAILS

- **Location:** Suomussalmi, industrial area
- **Production Technology:**
 - Canning line (capacity 5,000 cans/hour)
 - Contract manufacturing equipment (beer, soft drinks, spring water)
- **Electricity Supply:** 1 MW (from the grid or renewable sources)
- **Product Range**
 - Brewery products (beer, long drink, cider)
 - Still and carbonated spring water
 - Functional beverages (vitamin waters, herbal drinks)
 - Berry-based drinks (blueberry, lingonberry, cloudberry)
 - Private label production (retail chains, restaurants)



BERRY POTENTIAL AND WATER AVAILABILITY

- **Berry Potential:** The Suomussalmi region has significant wild berry resources, particularly bilberries, lingonberries, and cloudberry. The annually harvestable quantity of berries is estimated at 500,000–700,000 kg.
- **Water availability:** The area's groundwater reserves are clean and fresh, with regular monitoring in place. This enables the production of high-quality beverage products with minimal need for processing.



EFFICIENCY AND PRODUCTION COSTS

- **Electricity Consumption:** approx. 0.3 kWh/can
- **Electricity Price:** 0,07 €/kWh
- **Electricity Cost :** 500 000 tölkkiä × 0,3 kWh × 0,07 €/kWh = 10 500 €
- **Other Operating Costs:** 60 000 €
- **Total Costs:** 70 500 €
- **Production Cost per Can:** 70 500 € / 500 000 cans = 0,141 €/can



PROFITABILITY CALCULATION (0,5 €/can sales price)

- **Annual Sales:** 500 000 cans × 0,5 € = 250 000 €
- **Operating Costs:** 70 500 €
- **Gross Profit:** 250 000 € – 70 500 € = 179 500 €



PAYBACK PERIOD

- **Total Investment:**
 - Canning line: 300 000 €
 - Recycling equipment: 100 000 €
 - Site infrastructure (incl. 1 MW connection) 150 000 €
 - **Total: 550 000 €**
- **Payback Period:**
550 000 € / 179 500 € ≈ 3,1 years



INFRASTRUCTURE AND CONSTRUCTION

- **Earthworks:** 70 000 €
- **Paving (1500 m²):** 30 000 €
- **1 MW electricity connection:** 120 000 €
- **Water connection:** 20 000 €
- **Fencing, yard area, lighting:** 30 000 €
- **Permits and regulatory processes:** 20 000 €
- **Design and supervision:** 40 000 €
- **Total:** 150 000 €



TARGET GROUPS AND BENEFITS

- Small breweries, restaurants, and cafés
- Retail sector (local stores, retail chains)
- HORECA sector (hotels, restaurants)
- Consumers (premium products, health-oriented beverages)
- Tourism industry operators
- Private label production for retail chains