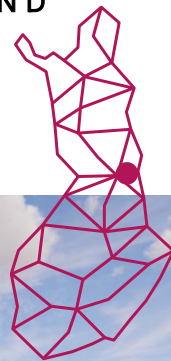


INVEST IN A jam factory

SUOMUSSALMI
FINLAND



A jam factory offers an excellent opportunity to utilize the berry potential of the Suomussalmi region for the production of high-quality jams, purées, and berry-based products. Local berries such as bilberries, lingonberries, and cloudberries can be processed into premium products suitable for both domestic and international markets.



TECHNICAL DETAILS

- **Location:** Suomussalmi, industrial area
- **Production Technology:**
 - Jam production line (capacity 100 tonnes/year)
 - Packaging line (glass jars, pouch and preserved packaging)
- **Electricity Supply:** 300 kW (from the grid or renewable sources)
- **Product Range:**
 - Berry jams (bilberry, lingonberry, cloudberry)
 - Sugar-free jams (stevia, erythritol)
 - Berry purées and gourmet series
 - Custom products for bakeries and hotels



BERRY POTENTIAL

- The Suomussalmi region has significant wild berry potential, particularly bilberries, lingonberries, and cloudberries.
- The annually harvestable amount of berries is estimated at 500,000–700,000 kg, of which the jam factory would utilize approximately 100,000 kg.



EFFICIENCY AND PRODUCTION COSTS

- **Electricity Consumption:** n. 0,4 kWh/kg jam
- **Electricity Price:** 0,07 €/kWh
- **Electricity Cost:**
 $100\,000\text{ kg} \times 0,4\text{ kWh} \times 0,07\text{ €/kWh} = 2\,800\text{ €}$
- **Other Operating Costs:** 70 000 €
- **Total Costs:** 72 800 €
- **Production Cost per kg:**
 $72\,800\text{ €} / 100\,000\text{ kg} = 0,728\text{ €/kg}$



PROFITABILITY CALCULATION (2,5 €/kg sales price)

- **Annual Sales:** $100\,000\text{ kg} \times 2,5\text{ €} = 250\,000\text{ €}$
- **Operating Costs:** 72 800 €
- **Gross Profit:** $250\,000\text{ €} - 72\,800\text{ €} = 177\,200\text{ €}$



PAYBACK PERIOD

- **Total Investment:**
 - Jam production line: 250 000 €
 - Recycling equipment: 100 000 €
 - Site infrastructure (incl. 300 kW connection): 100 000 €
 - **Total: 450 000 €**
- **Payback Period:**
 $450\,000\text{ €} / 177\,200\text{ €} \approx 2,5\text{ years}$



INFRASTRUCTURE AND CONSTRUCTION

- **Earthworks:** 50 000 €
- **Paving (1000 m²):** 20 000 €
- **300 kW electricity connection:** 50 000 €
- **Water connection:** 15 000 €
- **Fencing, yard area, lighting:** 20 000 €
- **Permits and regulatory processes:** 15 000 €
- **Design and supervision:** 30 000 €
- **Total:** 150 000 €



TARGET GROUPS AND BENEFITS

- Retail sales (local stores, retail chains)
- HORECA sector (hotels, restaurants)
- Consumers (premium products, health-oriented products)
- Bakeries and cafés
- Export markets for berry products (Germany, Japan)



Co-funded by
the European Union

INVEST IN
SUOMUSSALMI

