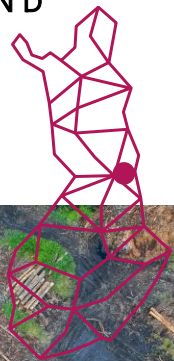


INVEST IN Wood peeling

SUOMUSSALMI
FINLAND



We have conducted a preliminary techno-economic assessment of the suitability of the WP 35 post peeler as part of the wood processing value chain in Suomussalmi. The region generates significant volumes of raw wood side streams that are not yet fully utilized. The WP 35 offers a practical, efficient, and scalable solution for further processing of these streams. We invite investors and partners to join us in making Suomussalmi a model for modern mechanical circular economy.



TECHNICAL DETAILS

- **Location:** Suomussalmi, Kurimo industrial area
- **Production technology:** Mechanical wood post peeling machine, WP 35
- **Feedstock:** Wooden posts (diameter 30–200 mm, length up to 9 m)
- **Temperature/Pressure:** normal atmospheric temperature and pressure
- **Main products:**
 - Debarked wood posts
 - Integratable into processing lines
 - Tree Bark



FINANCIALS

- **Product cost:** 49 500 €
- **Transportation:** 1 990 €
- **OPEX:** 1 716 € (spare parts: blade 32 pcs x 28 € = 896 €, bottom conveyor 820 €)
- **Warranty:** 12 months



REPAYMENT PERIOD

- **Estimated repayment period:** Comparable to biorefinery's repayment period.



INFRASTRUCTURE AND CONSTRUCTION

- **Construction time:** Manufacturing takes ~ 4 weeks after confirming order, transportation ~ 1 week.
- **Requirements:**
 - Electricity (full electrical readiness, including connection cabinets)



TARGET GROUPS AND BENEFITS

- **Investors:** Industrial investors, funds
- **Partners:** Wood processing, fencing, agriculture, forestry sectors
- **End-users:** Integrated biorefinery
- **Benefits:** Simple installation and maintenance

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INVEST IN
SUOMUSSALMI

