

## Result of the SWOT analyses, internal and external issues characterising biomass supply chain for wood chips from slash

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### Internal strengths

- S1. Utilisation of otherwise not marketable timber qualities
- S2. Short transport routes
- S3. Good delivery service, good partnerships with suppliers
- S4. Highly developed harvesting and chipping technology, technical know-how alongside supply chain

### External opportunities

- O1. Demand for cheap biomass by biomass heating plants
- O2. Increasing demand for biomass heating plants for the supply of communities/public buildings
- O3. Further development of transport technology for slash
- O4. Growing ecological attitude of government and society
- O5. Effective ICT is affordable

### Internal weaknesses

- W1. High supply costs at low achievable benefits
- W2. Information deficits and lack of coordination in the supply chain
- W3. Poor organisation and coordination of the processes harvesting/chipping/transport
- W4. Feedstock supply depends on weather conditions
- W5. Low quality of feedstock and wood chips produced from slash
- W6. Nutrient removal from forest stands due to utilization of slash

### External threats

- T1. Broadening of slash use on fine branches/needles – degradation of forest stands
- T2. Restrictive capital market
- T3. Seasonal demand and short-term orders of wood chips
- T4. Low market availability of biomass potentials
- T5. Changes in support policies