

Sustainability Impact Assessment of the Forestry-Wood Chain



## - Forest to Industry Interactions



WP 3.2 Harvesting Systems

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In WP 3.2 relevant harvesting systems for specific test chains and (regional) cases, linked to selected product lines, are identified. Their impacts on the environment and the economy, as well as social aspects, are analyzed and quantified.

## Some objectives and main tasks

To analyze existing and future harvesting systems and their sustainability impacts

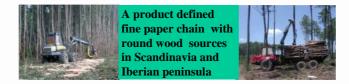
To identify and evaluate relevant harvesting systems for different harvesting conditions and product lines (solid wood, pulp & paper, bio energy)

To investigate existing and new concepts for integrated planning and organization of harvesting operations and to assess their influence on the sustainability

To analyze interactions between forest management practice and harvesting operations (techniques, systems etc.) in a sustainability impact perspective

To analyze interactions between harvesting systems/techniques and wood allocation (quality, defects, sorting) for selected product

## Chains



A regionally defined spruce chain natural and planting regenerations (Baden Württemberg)





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