

SMALLWOOD

Overall objective: To develop and evaluate new technologies, business and operational models that can support a sustainable management and utilization of different types of small diameter wood.

The project focuses on four stand types

- 1) Conventional thinning stands with small diameter trees;
- 2) Traditional coppice stands;
- 3) Areas for forest fire prevention with small trees or bushes;
- 4) Linear cleaning areas like roadsides, power line corridors and strips just outside agricultural farm land



Two types of technologies will be studied and further developed

- 1) Multi-tree harvesting technique 1) combined with the working method “Boom corridor Thinning”
- 2) Combined harvesting and chipping technique,



Partners: Sweden (SLU, Bracke Forest), Finland (University of eastern Finland), Spain (Universidad Politécnica de Madrid), Slovenia (Slovenian Forest Institute and University of Maribor)

Expected results: Smallwood will provide a new knowledge base about how sustainable, and thus ethical, utilization of small diameter stands can be increased, spanning over the areas of technology and logistics, forest owner motivation, innovation uptake, macro-economic impact, environmental profile in relation to utilized wood volumes, and the overall sustainability impacts and value creation.

Target groups: Forest owners, Forest contractors, Forest practitioners, General Public.

Duration: 2019 – 2022: **Total budget** 1.225.000 €

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