

Single tree silviculture (STS)



Silvicultural approach that early selects a limited number of target trees to which ensure a free and harmonious development of crown and trunk. The thinnings are selective or from above and they are oriented to remove the direct competitors of the target trees, preserving the remaining stand. The target trees are chosen as a function of vigor, stability, tree morphology, spatial distribution. The number of released target trees (from 50 to 120 per hectare) depends on the site characteristics, the species, the biotic and abiotic risks, the type of owner, the silvicultural goal. · This approach can be applied in high forests and in coppices, in conifers (as *Pinus nigra* and *Pseudotsuga Douglasii*) and broad-leaved species, to social (*Fagus sylvatica* and *Quercus* sp.) and valuable (*Castanea sativa*) or sporadic tree (*Prunus avium*, *Sorbus* sp., *Fraxinus* sp., ...) species, in public or private property. To apply this method is necessary: Specific training and care of technicians and workers from tree marker to logging Specific training of people involved in the control of the forest utilization. · From an economic and productive point of view: decreasing the management costs reduction of rotation time increasing of quantity and quality of assortments production of high-quality timber relatively quickly enhancement of phenotypes and / or species potentially able to produce quality timber - From an ecological and environmental point of view: increase of individual and stand stability increase of biodiversity increase of structural complexity maintenance of an irregular canopy cover protection of sporadic species - From a social point of view: integration with the traditional forestry increase of non-wood products increase of landscape value

DETALJER

OPPRINNELSE FOR TRE

Skog

TYPE TRE

Tre fra rundtvirke

TYPE TRE INVOLVERT

Stemwood

PÅVIRKNING PÅ MILJØ OG BIOLOGISK MANGFOLD

Positive effects

INNETKTSEFFEKT

Possibility to obtain income more frequent during the rotation period

UTNYTTELSESPOTENSIAL

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HUB

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ØKONOMISK PÅVIRKNING

Enhancement of valuable assortments; decrease of management cost but increase of expertise of forest companies

MOBILISERINGSPOTENSIAL

Similar to traditional silviculture but with a higher amount of big and more valuable assortments

BÆREKRAFTPOTENSIAL - VERDI

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ENKEL IMPLEMENTERING

Medium implementation due to the great attention during the cutting and logging phases

ENKEL IMPLEMENTERING - EVALUERING

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VIKTIGE FORUTSETNINGER

Awareness of all stakeholders in the supply chain

TYPE BEGIVENHET DER DENNE BPI HAR BLITT OMTALT

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EFFEKT PÅ ARBEIDSPLASSER

Connection to other wood and no-wood chain

KOSTNADER MED IMPLEMENTERING (EURO - €)

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SPESIFIKKE KUNNSKAPSBEHOV

Forest training

**MER
INFORMASJON**

UTFORDRING ADRESSERT

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NØKKEWORD

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OPPRINELSESLAND

Italia

DOMENE

Skogforvaltning, skogskjøtsel, økosystemtjenester

DIGITAL LØSNING

Nei

POTENSIALE

Nasjonal

TYPE LØSNING

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INNOVASJON

Nei

START OG SLUTT ÅR

2010 - 2019

**KONTAKT
INFORMASJON**

EIER ELLER FORFATTER

RAPPORTØR

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**REFERENCES
AND RESOURCES**

HJEMMESIDE (HOVEDSIDE)

<http://www.selvicoltura.eu/>

PROSJEKTETS HJEMMESIDE

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REFERANSE TIL PROSJEKT

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RESSURSER

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PROSJEKT SOM DETTE FAKTAARKET ER OPPRETTET UNDER

Rosewood

INNLEGGSDATO

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

