

Targeted silviculture in Drinking Water Protection Zones (DWPZ)



ROSEWOOD
4.0 Sustainable Wood
for Europe

In drinking water protection zones (DWPZ) it may be necessary to transform forest stands which are not site-conform into more stable stands. During this process it can occur that the tree species which are not site-conform become a source of wood through the specific silvicultural transformation strategies. The amount of achievable wood is medium, as the timber-cutting activities have to be in line with the requirements for DWPZ. In Austria the main tree species in such situations will be Norway spruce (*Picea abies*). In DWPZ the amount of timber (wood) achievable through forest stand transformation strategies can be given but is limited as the guidelines for silviculture in DWPZ have to be applied. Hence no clear-cut activities are allowed there. Despite this fact it will be necessary to transform homogeneous spruce plantations into more stable forest stands. This process will release a limited amount of timber (wood). Cutting of Norway spruce in DWPZ which grows on sites which are not adequate for it in terms of forest ecosystem stability could yield medium amounts of wood. This process of cutting Norway spruce on sites of e.g. beech forest hydrotopes will last until the forest transformation is fulfilled. In all cases the guarantee of forest ecosystem stability is more important than the amount of timber yield. Hence the quantities of timber released in DWPZ will be limited in all cases.

DETTAGLI

ORIGINE DEL LEGNO

foresta

TIPO DI LEGNO

Fusto

POTENZIALE DI MOBILITAZIONE

Less

TIPO DI LEGNO IN QUESTIONE

Stemwood

FACILITÀ DI IMPLEMENTAZIONE

Difficult

IMPATTO SULL'AMBIENTE E LA BIODIVERSITÀ

Positive

FACILITÀ DI IMPLEMENTAZIONE - VALUTAZIONE

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EFFETTO SUL REDDITO

Less

PREREQUISITI CHIAVE

Hydrotop model

POTENZIALE DI SFRUTTAMENTO

--

TIPO DI EVENTO IN CUI QUESTO BPI È STATO PRESENTATO

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HUB

--

EFFETTO SUL LAVORO

Positive

IMPATTO ECONOMICO

Less

I COSTI DI ATTUAZIONE (EURO - €)

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CONOSCENZE SPECIFICHE NECESSARIE

High

PIÙ DETTAGLI

SFIDA RISOLTA	DOMINIO	TIPO DI SOLUZIONE
--	La gestione forestale, selvicoltura, i servizi ecosistemici, resilienza	--
	disturbi della foresta, i rischi, risposta ai disastri	
PAROLE CHIAVE	SOLUZIONE DIGITALE	INNOVAZIONE
--	No	Sì
PAESE D'ORIGINE	SCALA DI APPLICAZIONE	INIZIO E FINE ANNO
Austria	Nazionale	2018 -

CONTATTI

PROPRIETARIO O AUTORE	REPORTER
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**REFERENCES
AND RESOURCES**

SITO PRINCIPALE	RISORSE
https://boku.ac.at/wabo	--
SITO WEB DEL PROGETTO	
--	
PROGETTO DI RIFERIMENTO	
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PROGETTO NELL'AMBITO DEL QUALE QUESTA SCHEDA è STATA CREATA

Rosewood

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