

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.

PODROBNOSTI

Pôvod dreva

Les

Druh dreva

Kmeňové drevo

Mobilizačný potenciál

Less

Potenciál udržateľnosti - hodnota

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Uvažovaný druh dreva

Stemwood

Úľahčenie implementácie

Difficult

Vplyv na životné prostredie a biodiverzitu

Positive

Úľahčenie implementácie - hodnotenie

--

Dopad na príjmy

Less

Kľúčové prepoklady

Hydrotop model

Potenciál využitia

--

Typ podujatia, na ktorom bol tento BPI prezentovaný

--

Rozbočovač

--

Dopad na zamestnanosť

Positive

Ekonomický vplyv

Less

Náklady na implementáciu (Euro - €)

--

Potreba špecifických znalostí

High

RIEŠENá VÝZVA

	DOMAIN	TYP RIEŠENIA
--	Lesné hospodárstvo/hospodárska úprava lesa, pestovanie lesa, ekosystémové služby, odolnosť	--
	Disturbancie/kalamity, riziká, odpoveď na katastrofu	
KľúčOVé SLOVá	DIGITALNE RIEŠENIE	INOVáCIE
--	Nie	Áno
KRAJINA PÔVODU	ROZSAH APLIKáCIE	ZAČIATOK A KONIEC ROKA
Rakúsko	Národný	2018 -

KONTAKTNé
úDAJE

VLASTNÍK ALEBO AUTOR

REPORTéR

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REFERENCES
AND RESOURCES

HLAVNá WEBSTRáNKA

<https://boku.ac.at/wabo>

ZDROJE

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PROJEKTOVá WEBSTRáNKA

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REFERENCIA PROJEKTU

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PROJEKT, V RÁMCI KTÓREHO BOL TENTO INFORMAČNÝ PREHĽAD VYTVORENÝ

Rosewood

DÁTUM ODOSLANIA

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