

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

IZVOR LESA

Gozd

TIP LESA

Okrogli les

POTENCIJAL ZA MOBILIZACIJO

Less

VRSTA OBRAVNANEGA LESA

Stemwood

ENOSTAVNOST IZVEDBE

Difficult

VPLIV NA OKOLJE IN BIODIVERZITETO

Positive

ENOSTAVNOST IZVEDBE - OCENJEVANJE

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VPLIV NA PRIHODKE

Less

KLJUČNI PREDPOGOJI

Hydrotop model

POTENCIJAL IZKORIŠČANJA

--

VRSTA DOGODKA, NA KATEREM JE BIL PREDSTAVLJEN TA BPI

--

VOZLISČE

--

VPLIV NA DELOVNA MESTA

Positive

GOSPODARSKI VPLIV

Less

STROŠKI IZVEDBE (EURO - €)

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POTREBNO SPECIFIČNO ZNANJE

High

IZZIV

--
Gojenje gozdov, gospodarjenje z gozdovi, odpornost, --
ekosistemski storitve

KLJUČNE BESEDE

-- No INOVACIJA

IZVORNA DRŽAVA

Avstrija OBSEG UPORABE ZAČETNO IN KONČNO LETO

Nacionalni 2018 -

**KONTAKTN
PODATKI**

LASTNIK OZ. AVTOR

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POROČEVALEC

**REFERENCES
AND RESOURCES**

SPLETNA STRAN

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

VIRI

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SPLETNA STRAN PROJEKTA

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REFERENCA PROJEKTA

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PROJEKT, V OKVIRU KATEREGA SO BILI ZBRANI OSNOVNI PODATKI

Rosewood

DATUM OBJAVE

27 Sep 2019



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