

## Targeted silviculture in Drinking Water Protection Zones (DWPZ)



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

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### PÔVOD DREVA

Less

### DRUH DREVA

Kmeňové drevo

### UVAŽOVANÝ DRUH DREVA

Stemwood

### VPLYV NA ŽIVOTNÉ PROSTREDIE A BIODIVERZITU

Positive

### DOPAD NA PRÍJMY

Less

### POTENCIÁL VYUŽITIA

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### ROZBOČOVAČ

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### EKONOMICKÝ VPLYV

Less

### POTREBA ŠPECIFICKÝCH ZNALOSTÍ

High

### MOBILIZAČNÝ POTENCIÁL

Less

### POTENCIÁL UDRŽATEĽNOSTI - HODNOTA

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### UĽAHČENIE IMPLMENTÁCIE

Difficult

### UĽAHČENIE IMPLMENTÁCIE - HODNOTENIE

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### Kľúčové PREPOKLADY

Hydrotop model

### TYP PODUJATIA, NA KTOROM BOL TENTO BPI PREZENTOVANÝ

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### DOPAD NA ZAMESTNANOSŤ

Positive

### NÁKLADY NA IMPLEMENTÁCIU (EURO - €)

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**VIAC  
INFORMÁCIÍ**

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**RIEŠENÁ VÝZVA**

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**DOMAIN**

Lesné hospodárstvo/hospodárska úprava lesa,  
pestovanie lesa, ekosystémové služby, odolnosť  
Disturbancie/kalamity, riziká, odpoveď na katastrofu

**TYP RIEŠENIA**

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**Kľúčové SLOVÁ**

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**DIGITALNE RIEŠENIE**

Nie

**INOVÁCIE**

Áno

**KRAJINA PôVODU**

Rakúsko

**ROZSAH APLIKÁCIE**

Národný

**ZAČIATOK A KONIEC ROKA**

2018 -

**KONTAKTNÉ  
ÚDAJE**

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**REPORTÉR**

**REFERENCES  
AND RESOURCES**

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**HLAVNÁ WEBSTRÁNKA**

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

**PROJEKTOVÁ WEBSTRÁNKA**

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**REFERENCIA PROJEKTU**

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**ZDROJE**

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PROJEKT, V RÁMCI KTORÉHO BOL TENTO INFORMAČNÝ PREHĽAD VYTVORENÝ

Rosewood

DÁTUM ODOSLANIA

27 sep 2019

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Link to Rosewood 4.0



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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY



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