

## 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.

## DETALLES

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**ORIGEN DE LA MADERA**

Bosque

**TIPO DE MADERA**

Madera en rollo

**POTENCIAL DE MOVILIZACIÓN**

Less

**TIPO DE MADERA AFECTADA**

Stemwood

**FACILIDAD DE APLICACIÓN**

Difficult

**IMPACTO EN EL MEDIO AMBIENTE Y LA BIODIVERSIDAD**

Positive

**FACILIDAD DE IMPLEMENTACIÓN - EVALUACIÓN**

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**EFFECTO SOBRE LOS INGRESOS**

Less

**PREREQUISITOS CLAVE**

Hydrotop model

**POTENCIAL DE EXPLOTACIÓN**

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**TIPO DE EVENTO EN EL QUE SE HA PRESENTADO ESTA IFS**

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**HUB**

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**EFFECTO SOBRE EL EMPLEO**

Positive

**IMPACTO ECONÓMICO**

Less

**COSTES DE IMPLEMENTACIÓN (EURO - €)**

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**CONOCIMIENTOS ESPECÍFICOS NECESARIOS**

High

## MÁS DETALLES

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RETO ABORDADO	DOMINIO	TIPO DE SOLUCIÓN
--	Gestión forestal, silvicultura, servicios ecosistémicos, resiliencia	--
	Perturbaciones forestales, riesgos, respuesta a desastres	
PALABRAS CLAVE	SOLUCIÓN DIGITAL	INNOVACIÓN
--	No	Si
PAÍS DE ORIGEN	ESCALA DE APLICACIÓN	AÑO DE INICIO Y FIN
Austria	Nacional	2018 -

## DATOS DE CONTACTO

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PROPIETARIO O AUTOR REPORTADOR

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## REFERENCES AND RESOURCES

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SITIO WEB PRINCIPAL RECURSOS

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

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SITIO WEB DEL PROYECTO

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REFERENCIA DEL PROYECTO

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PROYECTO BAJO EL QUE SE HA CREADO ESTA FICHA

Rosewood

FECHA DE MENSAJE

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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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