



ROSEWOOD
4.0 Sustainable Wood
for Europe

Interactive forest map for NRW with information on the type, condition, functions and use of the forest, and many aspects on climate change and adaptation.

The internet portal provides insights into many aspects of North Rhine-Westphalia's forests via interactive, user-friendly maps. Forest ecology and management, forest nature conservation, recreational use, damage events, hazard prevention and other topics can be selected to search for specific information. How does climate change affect individual forest sites and which climate adaptation measures are suitable to preserve the functions of the forest as far as possible? The service provides comprehensive information on forest types, functions, management, and use, as well as climate change impacts on forest management. Climate adaptation measures are recommended to make forests more adaptable and resilient, including recommendation of appropriate tree species and mixed stands for different soil and climate conditions. As a comprehensive forest information system for the timber and forestry sector, the portal is aimed in particular at private forest owners and forest-owning municipalities and supports a wide range of evaluations and forestry planning. It is part of the climate adaptation strategy for forests in NRW and integrates databases of the state enterprise Wald und Holz NRW, the State Agency for Nature, Environment and Consumer Protection and the NRW Geological Survey. Relevant climate variables such as soil atmosphere (air temperature, precipitation); land surface (photosynthetic activity, land cover, biomass, forest fire, soil moisture) are integrated.

DETALLES

ORIGEN DE LA MADERA

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POTENCIAL DE MOVILIZACIÓN

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TIPO DE MADERA

--

POTENCIAL DE SOSTENIBILIDAD - VALOR

--

TIPO DE MADERA AFECTADA

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FACILIDAD DE APLICACIÓN

public, free to use, intuitive and user-friendly

IMPACTO EN EL MEDIO AMBIENTE Y LA BIODIVERSIDAD

High impact, the portal Forestinfo.NRW is part of a bundle of policy measures (climate adaptation strategy forest, silviculture concept, reforestation concept)

FACILIDAD DE IMPLEMENTACIÓN -

EVALUACIÓN

--

EFFECTO SOBRE LOS INGRESOS

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PREREQUISITOS CLAVE

--

POTENCIAL DE EXPLOTACIÓN

--

TIPO DE EVENTO EN EL QUE SE HA

PRESENTADO ESTA IFS

--

HUB

--

EFFECTO SOBRE EL EMPLEO

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IMPACTO ECONÓMICO

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COSTES DE IMPLEMENTACIÓN (EURO - €)

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CONOCIMIENTOS ESPECÍFICOS NECESARIOS

MÁS DETALLES

RETO ABORDADO	DOMINIO	TIPO DE SOLUCIÓN
--	Gestión forestal, silvicultura, servicios ecosistémicos, resiliencia	Plataformas de datos, centros de datos, datos abiertos
PALABRAS CLAVE	SOLUCIÓN DIGITAL	INNOVACIÓN
forest development types; forest map; climate forest; public knowledge portal	Sí	Si
PAÍS DE ORIGEN	ESCALA DE APLICACIÓN	AÑO DE INICIO Y FIN
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DATOS DE CONTACTO

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https://www.umwelt.nrw.de/english	

REFERENCES AND RESOURCES

SITIO WEB PRINCIPAL	RECURSOS
https://www.waldinfo.nrw.de/index.html	Waldinfo NRW
SITIO WEB DEL PROYECTO	Forest management
REFERENCIA DEL PROYECTO	Forest management in climate change
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PROYECTO BAJO EL QUE SE HA CREADO ESTA FICHA

Rosewood 4.0

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY



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