



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.

DÉTAILS

ORIGINE DU BOIS

--

POTENTIEL DE MOBILISATION

--

TYPE DE BOIS

--

POTENTIEL DE DURABILITé - VALEUR

--

TYPE DE BOIS CONCERNé

--

FACILITé D'IMPLéMENTATION

public, free to use, intuitive and user-friendly

IMPACT SUR L'ENVIRONNEMENT ET LA BIODIVERSITé

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

FACILITé D'IMPLéMENTATION - ÉVALUATION

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EFFET SUR LE REVENU

--

PRéREQUIS CLéS

--

POTENTIEL D'EXPLOITATION

--

TYPE D'éVéNEMENT Où CETTE ICPE A éTé

PRéSENTéE

--

HUB

--

EFFET SUR L'EMPLOI

--

IMPACT éCONOMIQUE

--

COÛTS D'IMPLéMENTATION (EURO - €)

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CONNAISSANCES SPéCIFIQUES REQUISES

PLUS DE
DÉTAILS

DéFI CONCERNé	DOMAINE	TYPE DE SOLUTION
--	Gestion forestière, sylviculture, services écosystémiques, résilience	Plateforme de données, hubs de data, open data
MOTS-CLéS	SOLUTION DIGITALE	INNOVATION
forest development types; forest map; climate forest; public knowledge portal	Oui	Oui
PAYS D'ORIGINE	ECHELLE D'APPLICATION	DÉBUT ET FIN D'ANNéE
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INFORMATIONS
DE CONTACT

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

REFERENCES
AND RESOURCES

SITE WEB PRINCIPAL	RESSOURCES
https://www.waldinfo.nrw.de/index.html	Waldinfo NRW
SITE WEB DU PROJET	Forest management
--	Forest management in climate change
RéFéRENCE DU PROJET	
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PROJET SOUS LEQUEL CETTE FICHE D'INFORMATION A ÉTÉ CRÉÉE

Rosewood 4.0

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY



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