



*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.

## DETAILS

---

### ORIGIN OF WOOD

--

### TYPE OF WOOD

--

### KIND OF WOOD CONCERNED

--

### IMPACT ON ENVIRONMENT & BIODIVERSITY

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

### INCOME EFFECT

--

### EXPLOITATION POTENTIAL

--

### HUB

--

### ECONOMIC IMPACT

--

### SPECIFIC KNOWLEDGE NEEDED

### MOBILIZATION POTENTIAL

--

### SUSTAINABILITY POTENTIAL - VALUE

--

### EASE OF IMPLEMENTATION

public, free to use, intuitive and user-friendly

### EASE OF IMPLEMENTATION - EVALUATION

--

### KEY PREREQUISITES

--

### TYPE OF EVENT WHERE THIS BPI HAS BEEN FEATURED

--

### JOB EFFECT

--

### COSTS OF IMPLEMENTATION ( EURO - € )

--



## MORE DETAILS

---

CHALLENGE ADDRESSED	DOMAIN	TYPE OF SOLUTION
--	Forest management, ecosystem, resilience	Data platforms, data hubs
KEYWORDS	DIGITAL SOLUTION	INNOVATION
forest development types; forest map; climate forest; public knowledge portal	Yes	Yes
COUNTRY OF ORIGIN	SCALE OF APPLICATION	START AND END YEAR
--	--	--

## CONTACT DATA

---

OWNER OR AUTHOR	REPORTER
Ministry for the Environment, Agriculture, Nature Conservation and Consumer Protection of the State of North Rhine-Westphalia	FBZ
Dr. Thorsten Mrosek	Marie-Charlotte Hoffmann
waldinfo@wald-und-holz.nrw.de	marie-charlotte.hoffmann@wald-und-holz.nrw.de
<a href="https://www.umwelt.nrw.de/english">https://www.umwelt.nrw.de/english</a>	

## REFERENCES AND RESOURCES

---

MAIN WEBSITE	RESOURCES
<a href="https://www.waldinfo.nrw.de/index.html">https://www.waldinfo.nrw.de/index.html</a>	Waldinfo NRW
PROJECT WEBSITE	
--	Forest management
PROJECT REFERENCE	
--	Forest management in climate change

---

## PROJECT UNDER WHICH THIS FACTSHEET HAS BEEN CREATED

Rosewood 4.0

## POST DATE

12 Aug 2021

---



[Link to Rosewood 4.0](#)



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 862681

---

## A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

