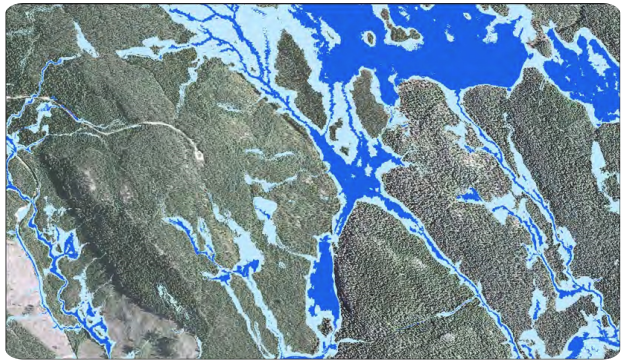
WAMBAF | Water Management in Baltic Forests



The aim of the WAMBAF and WAMBAF ToolBox projects was to determine the methods and tools of water management in forests, which would influence the quality of water flowing into the Balitc Sea.

The scope of the projects included issues related to:

- operation and maintenance of drainage equipment,
- the beaver's impact on water quality,
- forest management in the vicinity of surface waters,
- modern tools supporting water management in forests.

Among the main practical results of the projects there are:

- Mobile apps:

- WAMBAF (available on Android and iOS), developed to support the ditch inventorying and ditch management in forests. Application is connected to the GIS system available on: http://www.wambaf.com/?page_id=154&lang=en,
- Blue Targeting (available on Android and iOS), a forestry planning tool which helps you design a riparian forest buffer. The aim is to protect water quality and biodiversity by proposing the right measure, at the right place, to the right extent.

- Wet Area Maps – available for Sweden, Poland, Finland and Latvia, based on airborne laser scanning data. Maps illustrate the occurence of groundwater and may be used in the planning of wood harvesting operations.

- Developing the algorithm for drainage ditches detection basing on airborne laser scanning data. It will be published as open source in 2022.

In the projects several Good Practice Manuals have been developed, regarding: water management in riparian forests, structures for water retention in forests and beaver population management. The manuals are available in several language versions. Main target groups were: forest managers, harvesting machines' operators, land owners, hunters and nature conservation units. The coordinator of the projects was Swedish Forest Agency (Skogsstyrelsen).

PODROBNOSTI

PôVOD DREVA

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DRUH DREVA

--

UVAžOVANý DRUH DREVA

--

VPLYV NA ŽIVOTNé PROSTREDIE A BIODIVERZITU

--

DOPAD NA PRíJMY

--

POTENCIáL VYUžITIA

--

ROZBOčOVAč

Stredovýchodný uzol

EKONOMICKý VPLYV

--

POTREBA šPECIFICKýCH ZNALOSTí

--

MOBILZAčNý POTENCIáL

--

POTENCIáL UDRžATEľNOSTI - HODNOTA

--

UľAHčENIE IMPLMENTáCIE

--

UľAHčENIE IMPLMENTáCIE - HODNOTENIE

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KľúčOVé PREPOKLADY

--

TYP PODUJATIA, NA KTOROM BOL TENTO BPI PREZENTOVANý

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DOPAD NA ZAMESTNANOSť

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NáKLADY NA IMPLEMENTáCIU (EURO - €)

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VIAC INFORMáCIí

RIEšENá VýZVA

1. Zlepšenie odolnosti lesov a adaptácie na zmenu klímy

DOMAIN

Lesné hospodárstvo/hospodárska úprava lesa, pestovanie lesa, ekosystémové služby, odolonosť

TYP RIEšENIA

Poradenské a servisné nástroje pre vlastníkov lesov

KľúčOVé SLOVá

water management; riparian forests; beavers; drainage ditches

DIGITALNE RIEšENIE

áno

INOVáCIE

Áno

KRAJINA PôVODU

Fínsko

ROZSAH APLIKáCIE

Cezhraničný/multilaterálny

ZAČIATOK A KONIEC ROKA

2016 - 2019

KONTAKTNé úDAJE

VLASTNíK ALEBO AUTOR

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REPORTéR

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REFERENCES AND RESOURCES

HLAVNá WEBSTRáNKA

http://www.wambaf.com/

PROJEKTOVá WEBSTRáNKA

http://www.wambaf.com/

REFERENCIA PROJEKTU

Water Management in Baltic Forests, projekt co-financed by European regional

ZDROJE

Good practices for management of beavers and beaver ponds in the Baltic Sea Region

Manual for constructing water protection structures at ditch network maintenance sites and for water retention in forests

Development Fund, Interreg Baltic Sea Region

LOGO NAJLPEŠEJ PRAXE

LOGO HLAVNEJ ORGANIZáCIE

PROJEKT, V RáMCI KTORéHO BOL TENTO INFORMAčNý PREHľAD VYTVORENý

Rosewood 4.0

DáTUM ODOSLANIA

20 dec 2021

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY