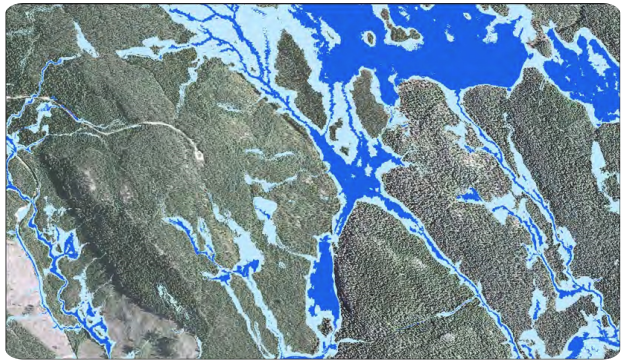
WAMBAF | Water Management in Baltic Forests



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).

DETTAGLI

ORIGINE DEL LEGNO

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TIPO DI LEGNO

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TIPO DI LEGNO IN QUESTIONE

--

IMPATTO SULL'AMBIENTE E LA BIODIVERSITà

--

EFFETTO SUL REDDITO

--

POTENZIALE DI SFRUTTAMENTO

--

HUB

Polo Centro-Est

IMPATTO ECONOMICO

--

CONOSCENZE SPECIFICHE NECESSARIE

--

POTENZIALE DI MOBILITAZIONE

--

POTENZIALE SOSTENIBILITà - VALORE

--

FACILITà DI IMPLEMENTAZIONE

--

FACILITà DI IMPLEMENTAZIONE - VALUTAZIONE

--

PREREQUISITI CHIAVE

--

TIPO DI EVENTO IN CUI QUESTO BPI è STATO PRESENTATO

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EFFETTO SUL LAVORO

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I COSTI DI ATTUAZIONE (EURO - €)

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Più DETTAGLI

SFIDA RISOLTA

1. Migliorare la resilienza delle foreste e l'adattamento ai cambiamenti climatici

PAROLE CHIAVE

water management; riparian forests; beavers; drainage ditches

PAESE D'ORIGINE

Finlandia

DOMINIO

La gestione forestale, selvicoltura, i servizi ecosistemici, resilienza

SOLUZIONE DIGITALE

Sì

SCALA DI APPLICAZIONE

Transfrontaliera / multilaterale

TIPO DI SOLUZIONE

strumenti di consulenza e servizi per i proprietari di foreste

INNOVAZIONE

Sì

INIZIO E FINE ANNO

2016 - 2019

CONTATTI

PROPRIETARIO O AUTORE

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REFERENCES AND RESOURCES

SITO PRINCIPALE

http://www.wambaf.com/

SITO WEB DEL PROGETTO

http://www.wambaf.com/

PROGETTO DI RIFERIMENTO

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

RISORSE

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 DELLE MIGLIORI PRATICHE



LOGO DELLA PRINCIPALE ORGANIZZAZIONE

PROGETTO NELL'AMBITO DEL QUALE QUESTA SCHEDA è STATA CREATA

Rosewood 4.0

DATA DI INSERIMENTO

20 Dic 2021







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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

