

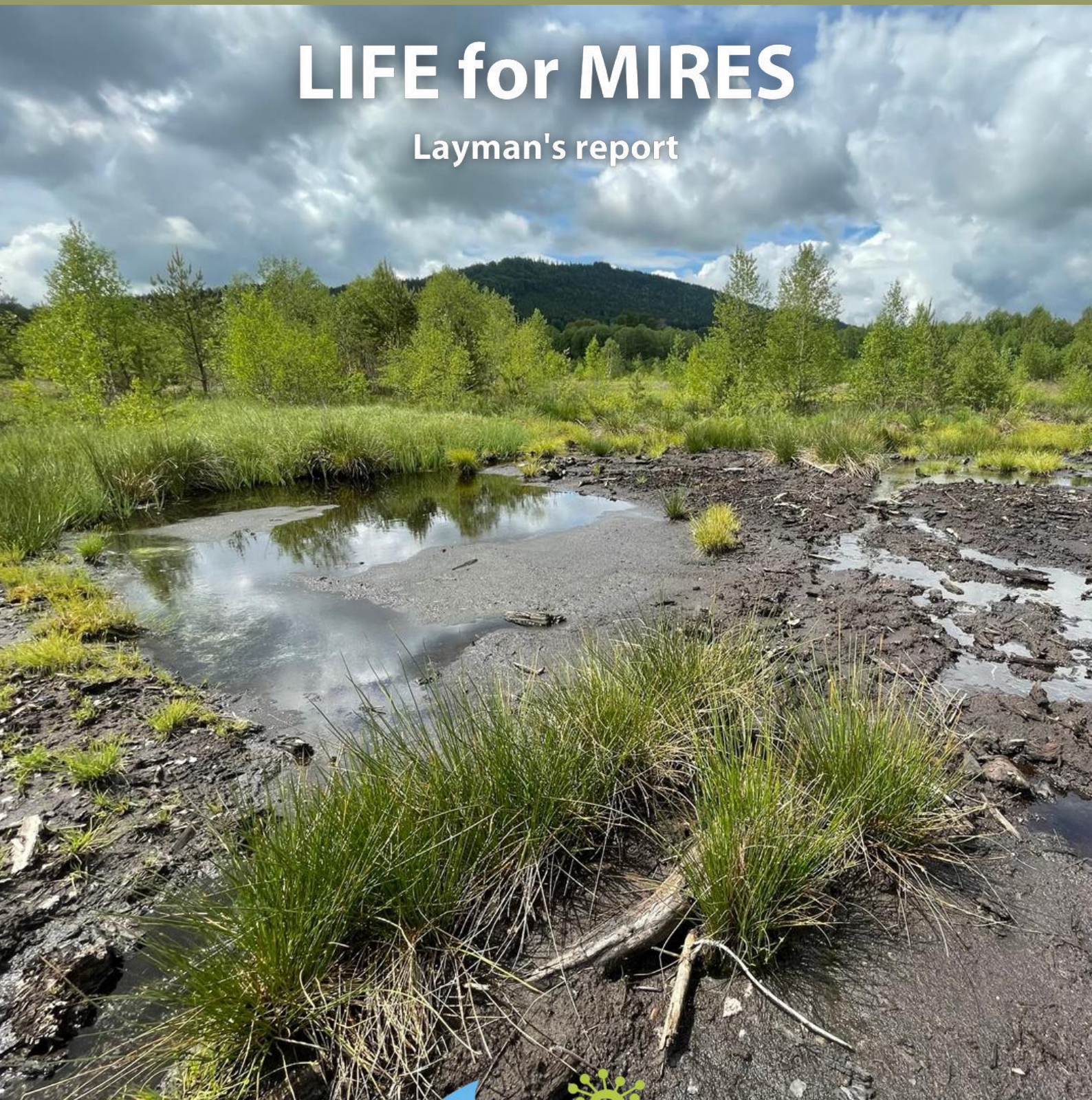
TRANSBOUNDARY RESTORATION OF MIRES FOR BIODIVERSITY AND
LANDSCAPE HYDROLOGY IN SUMAVA AND BAVARIAN FOREST

2018 - 2024

LIFE17 NAT/CZ/000452 LIFE for MIRES

LIFE for MIRES

Layman's report



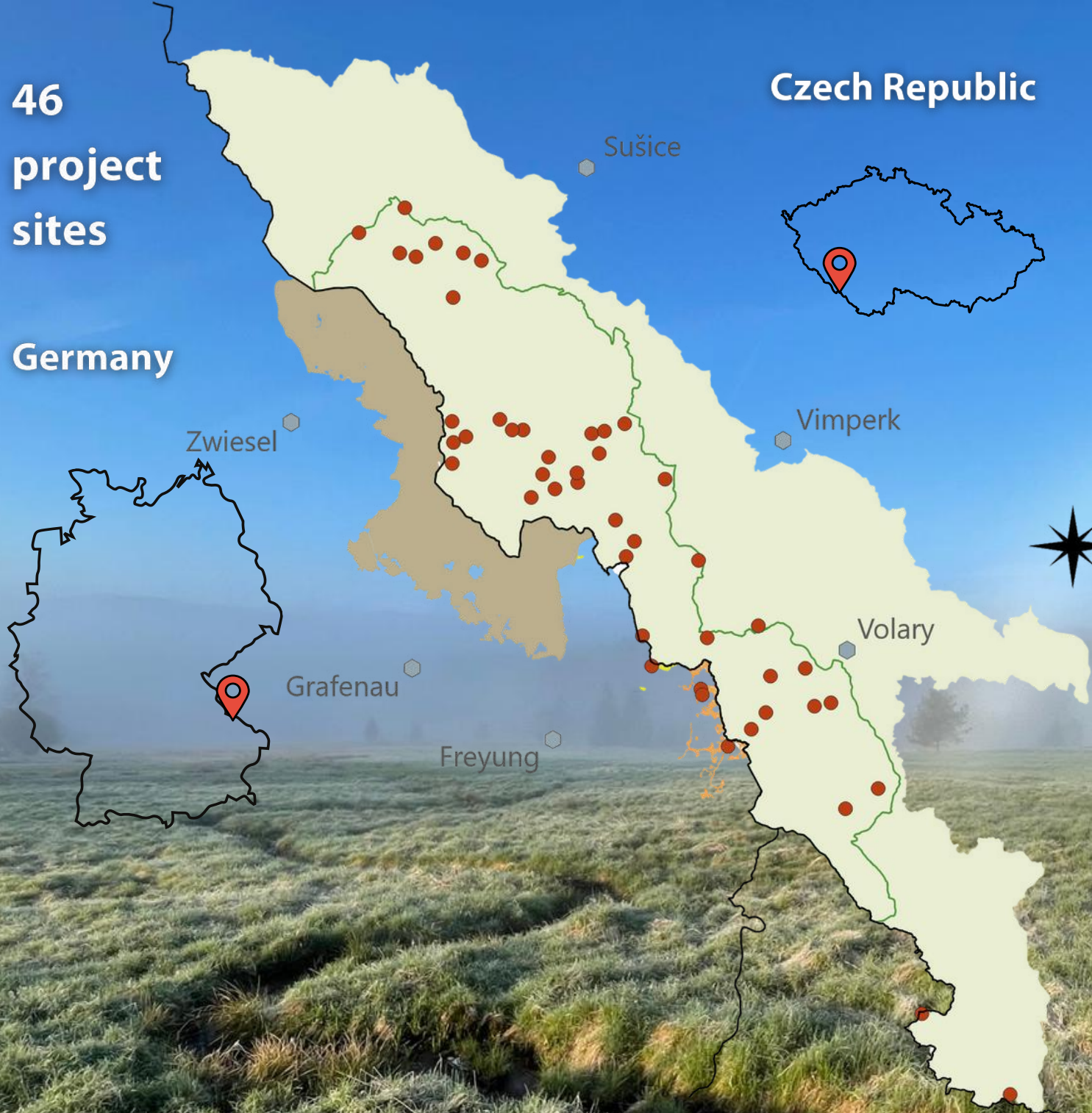
LIFE
FOR
MIRES



**46
project
sites**

Czech Republic

Germany



4 partners

Sumava National Park

South Bohemian University in České Budějovice

Bavarian Forest National Park

BUND Naturschutz in Bayern



Jihočeská univerzita
v Českých Budějovicích
University of South Bohemia
in České Budějovice

Why was the LIFE for MIREs project prepared?

Sumava is a mountain range of waters and wetlands and an important spring area. Nevertheless, the water regime on both the Czech and Bavarian sides has been fundamentally altered by man. Wetlands have been systematically drained, mires have been mined, and streams have been straightened into direct channels or underground pipes.

Two-thirds of the Sumava mires and more than half of the other wetlands were damaged by drainage.

The result is a landscape that is less able to retain water and overheats in hot, dry periods. Water flows away quickly and does not infiltrate well. Drained mires and wetlands dry up and rare species disappear. The situation is made worse by extreme weather events and climate change.



The LIFE for Mires project (Život pro mokřady in Czech/Leben für Moore in German) is the first to address water issues across borders.

In addition to direct field measures, it is intensively involved in raising awareness and explaining the importance of wetlands and returning water to the landscape. Because only when we understand why functioning wetlands are so important to us, then we can effectively protect and return them to the landscape.

Main project goals

- *nkpu*
- *(Tetrao tetrix)*
-

Results in numbers

2181
ha

restored
wetlands

35
km

restored
streams

212
km

blocked
drainage ditches

28

restored
springs

Project sites

	č. d.	č. d.	č. d.	
Gerlova Hut'	19	3,8	1	2020-21
Nová Hůrka	107	7,9	2,8	2020-21
Slučí Tah	19	2,1	0,2	2020
Malý Bor	32	2,5	1,6	2020
Pod Skelnou	41	4,1	2,4	2020-22
Zhůří II	109	13,7	2,2	2022-24
Rovina	42	12,6	2,8	2022
Kameničná	66	9,1	0,5	2020-22
Střelecký průsmyk	4	0,6	0,1	2020
Rokytecké slatě	90	5,2	0,3	2021-22
Gayerrück	13	1,7	0,4	2020
Smrkový vrch	30	3,7	0,1	2020
Rybárny II	39	8,2	1,5	2021-22
Rybárny I	27	5,7	2,2	2021
Vchynice-Tetov	21	2,3	1,1	2021-22
Ptačí slat'	12	1,2	0,4	2021
Černohorský močál III	11	1,1	0,1	2023
Nová slat'	22	4,1	0,9	2020-21
Pod Lovčí	56	6,6	0,6	2022-24
Pramenská	21	1,9	0,1	2023
Střelnice	16	1,2	0,1	2020
U Tremlů	8	2	0,7	2021
Jezerní slat'	101	1,1	0,1	2022

	č. d.	č. d.	č. d.	
Hamerské slatě	16	2,2	0,1	2022
Novosvětské slatě	51	7,2	0,9	2022
Bučina	43	6	2,6	2023-24
Silniční slat'	42	5,4	0,3	2022-23
Knížecí Pláně I	7	1,2	0	2023
Březová Lada	38	4,2	0,3	2023
Horní Světlé Hory	29	3,7	0,3	2023
Stráženská slat'	135	10,2	1,9	2023-24
Vlčí jámy	46	9,6	0	2021-22
Mrtvý luh	314	3,2	0	2023
Devítka	21	4,2	0,4	2020
Nové údolí	59	9	1,6	2020
Dobrovodské louky	67	8,5	1,4	2021-22
Černý kříž	34	3,5	0,01	2020
Ovesná	55	8,6	0,2	2021-22
Raškov	48	2,6	0,7	2023
Ježová	18	5,4	0,6	2023-24
Multerberk	12	2,5	0,3	2023
Stožecká	29	8,5	1	2020-21
Mezilesní slat'	70	3,1	0,4	2022
Langreut	8	0,5	0	2022-24
Wagenwasser	10	0,7	0	2022-24
Kalte Moldau	7	0,8	0	2022-24

Restoration of the water regime and the natural state of habitats



Blocked drainage ditch in a peatland



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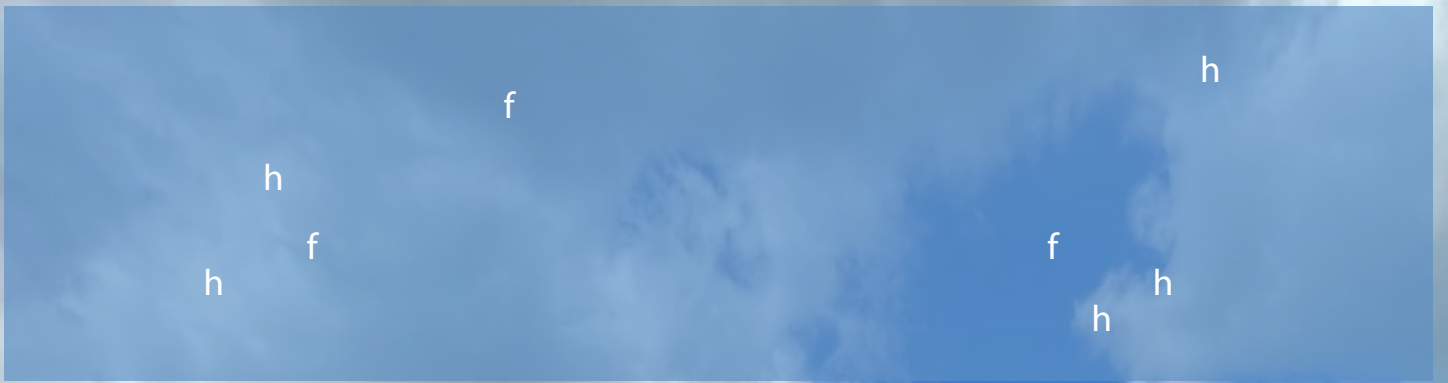
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Work in a mined bog





Results of implemented measures in field

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 2PS 3
 2SD 3 7 2Aa 3p 6 2Pa 3 8





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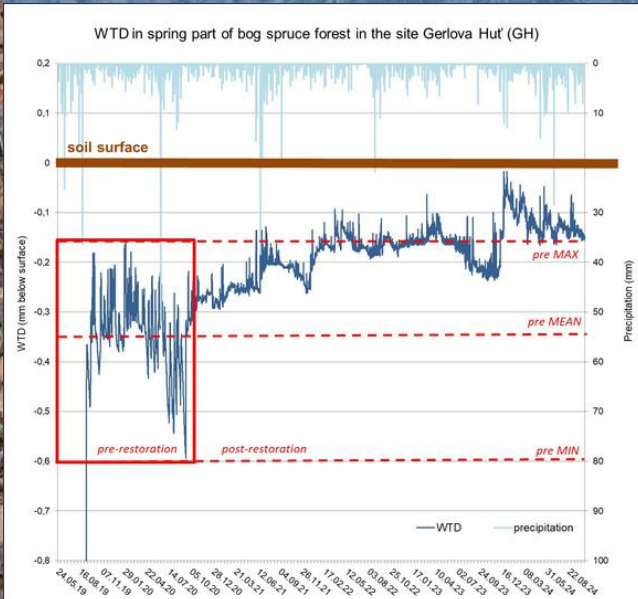
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Monitoring results

or what is the response of
wetlands to restoration?



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dDactylorhiza majalis sp. turfosa.

TGallinago gallinago ad

e

TGrus grus a
f



LIFE for Mires and the Public

Volunteers



122

1840



Tutorial programme



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Awarded documentary film



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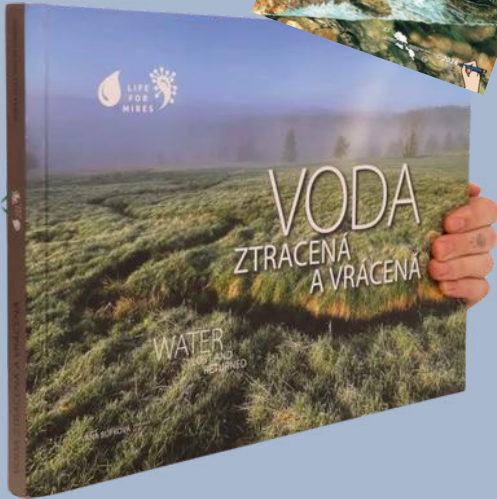
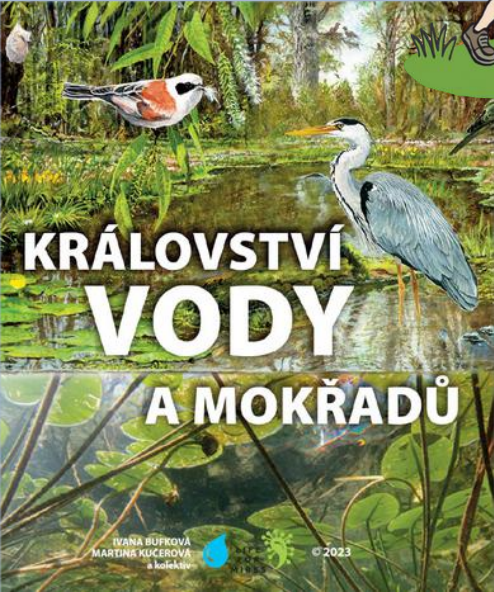
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Excursions



New publications



z



Sharing experience

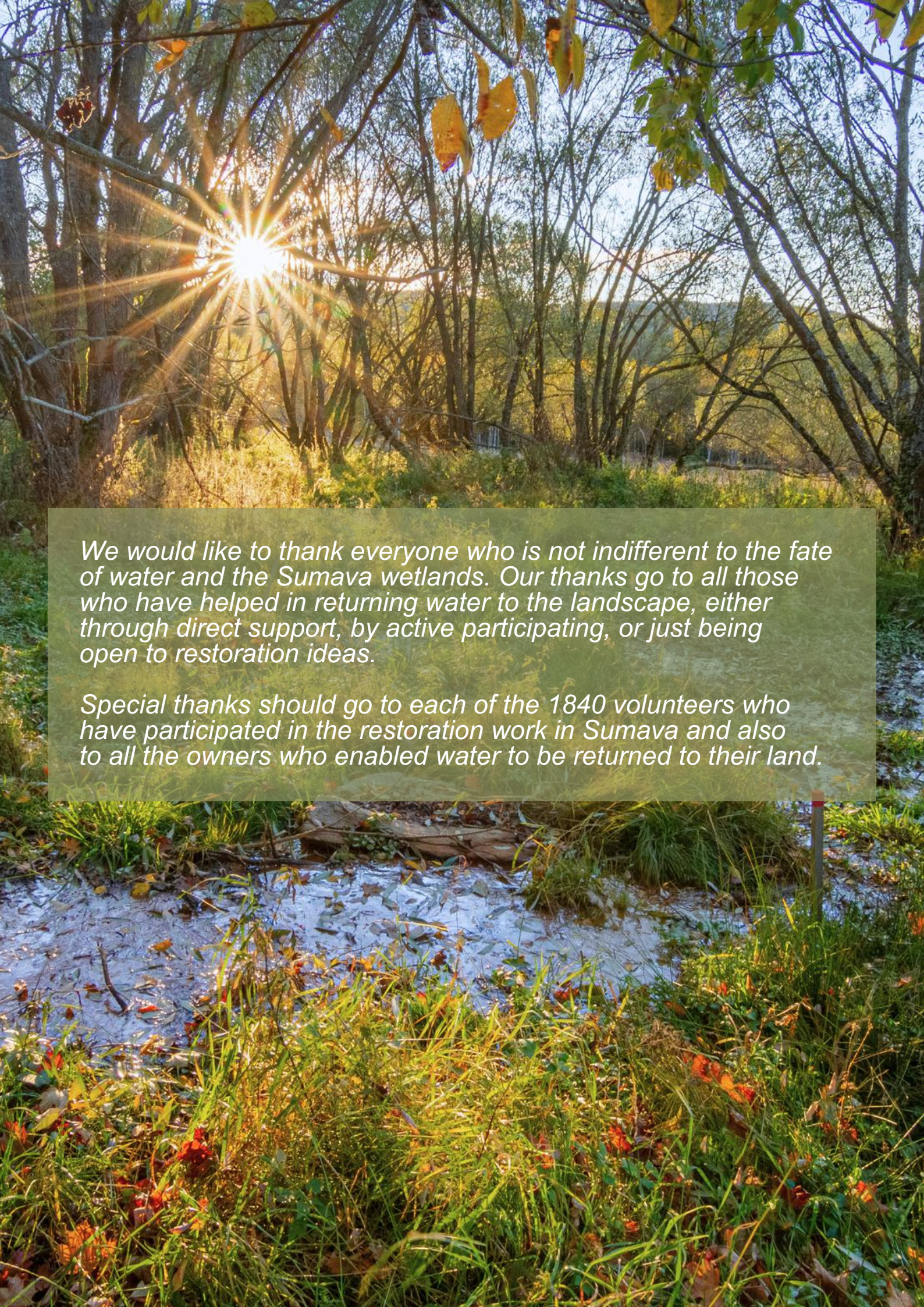
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We would like to thank everyone who is not indifferent to the fate of water and the Sumava wetlands. Our thanks go to all those who have helped in returning water to the landscape, either through direct support, by active participating, or just being open to restoration ideas.

Special thanks should go to each of the 1840 volunteers who have participated in the restoration work in Sumava and also to all the owners who enabled water to be returned to their land.

LIFE for MIREs



Ministerstvo životního prostředí

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oli h h z A



Texts and graphics

l e :o o

Translation

w i r

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Financing

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