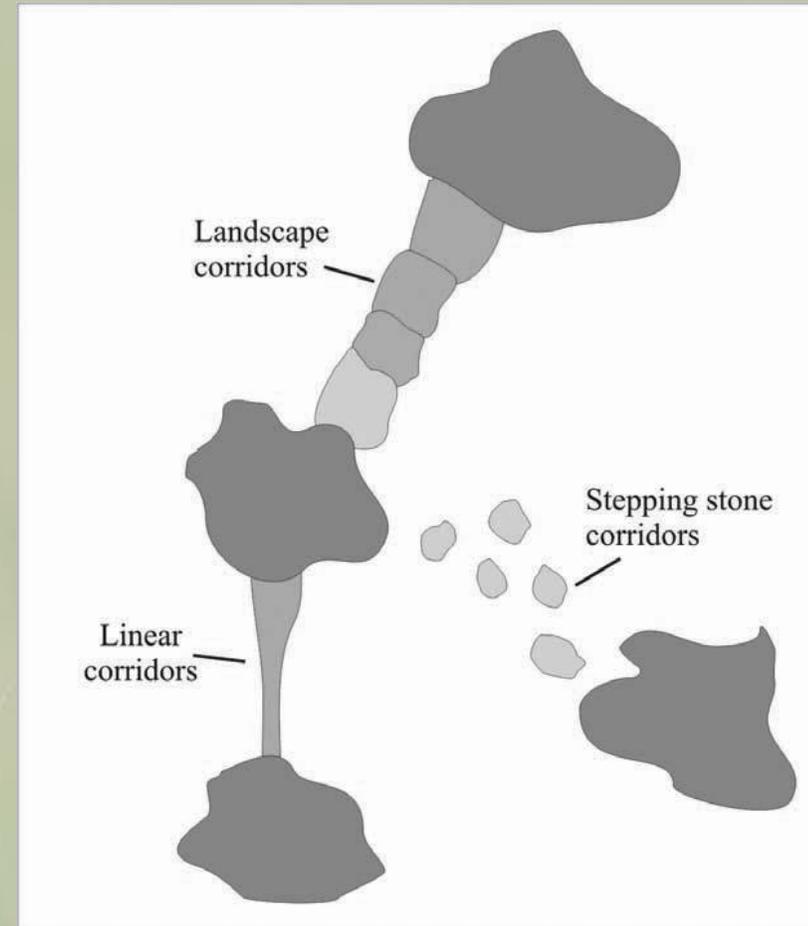
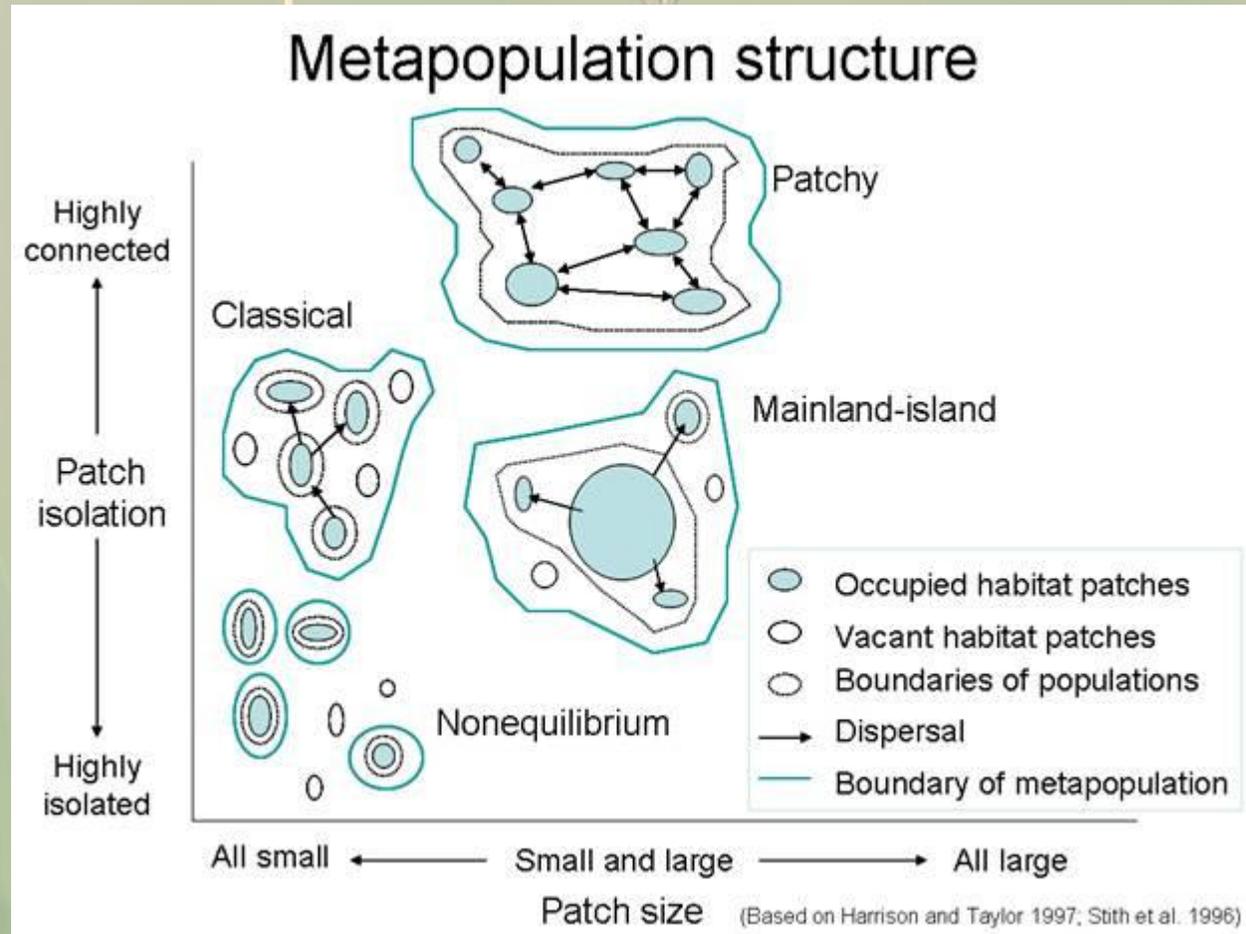


Assumptions and state of implementation of the project
**„Strengthening the south-eastern metapopulation of
Aquatic Warbler *Acrocephalus paludicola* in Poland”**

Jarosław Krogulec
Krzysztof Stasiak
Polish Society for the Protection of Birds

fot. Cezary Korkosz

Metapopulations, ecological corridors and stepping stones



fot. Cezary Korkosz

Feasibility study of connection of eastern and western population of Aquatic Warbler in Poland (stepping stones concept) 2014

Ogólnopolskie Towarzystwo Ochrony Ptaków



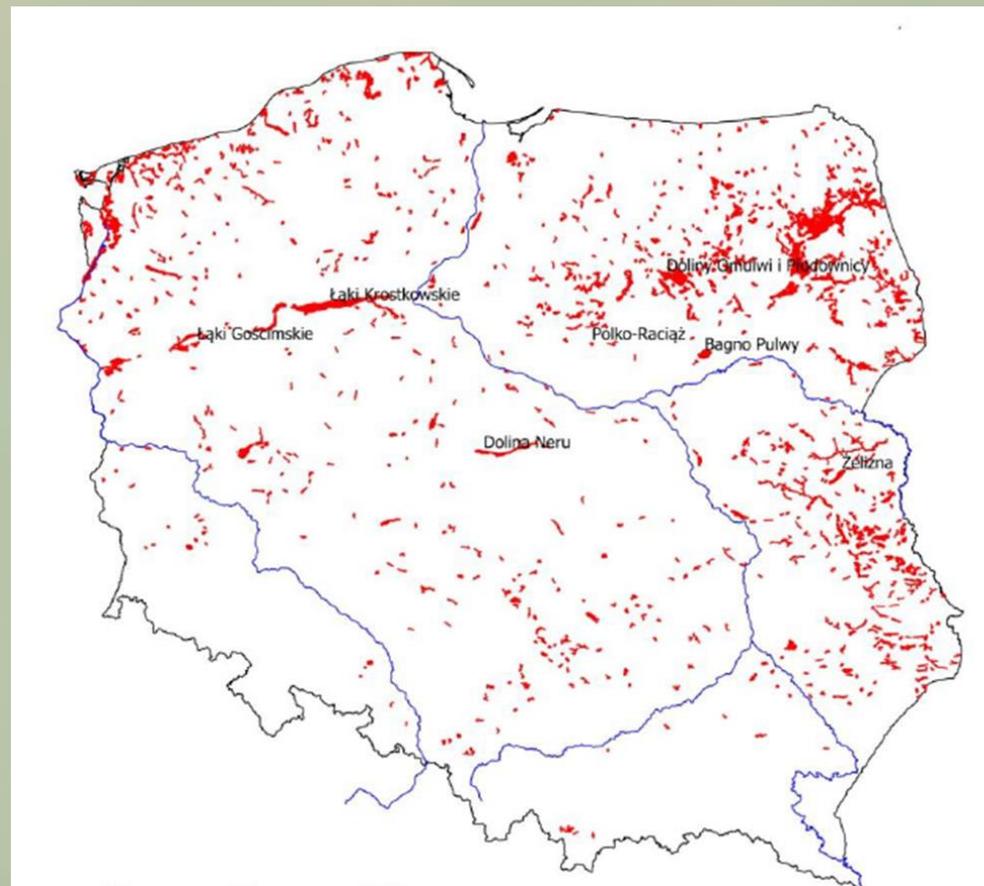
Jarosław Krogulec, Bernadetta Wolczuk

Analiza możliwości połączenia wschodniej i zachodniej populacji wodniczki *Acrocephalus paludicola* w Polsce poprzez odtworzenie zdegradowanych siedlisk wodniczki na obszarze rozgraniczającym te populacje

etap I

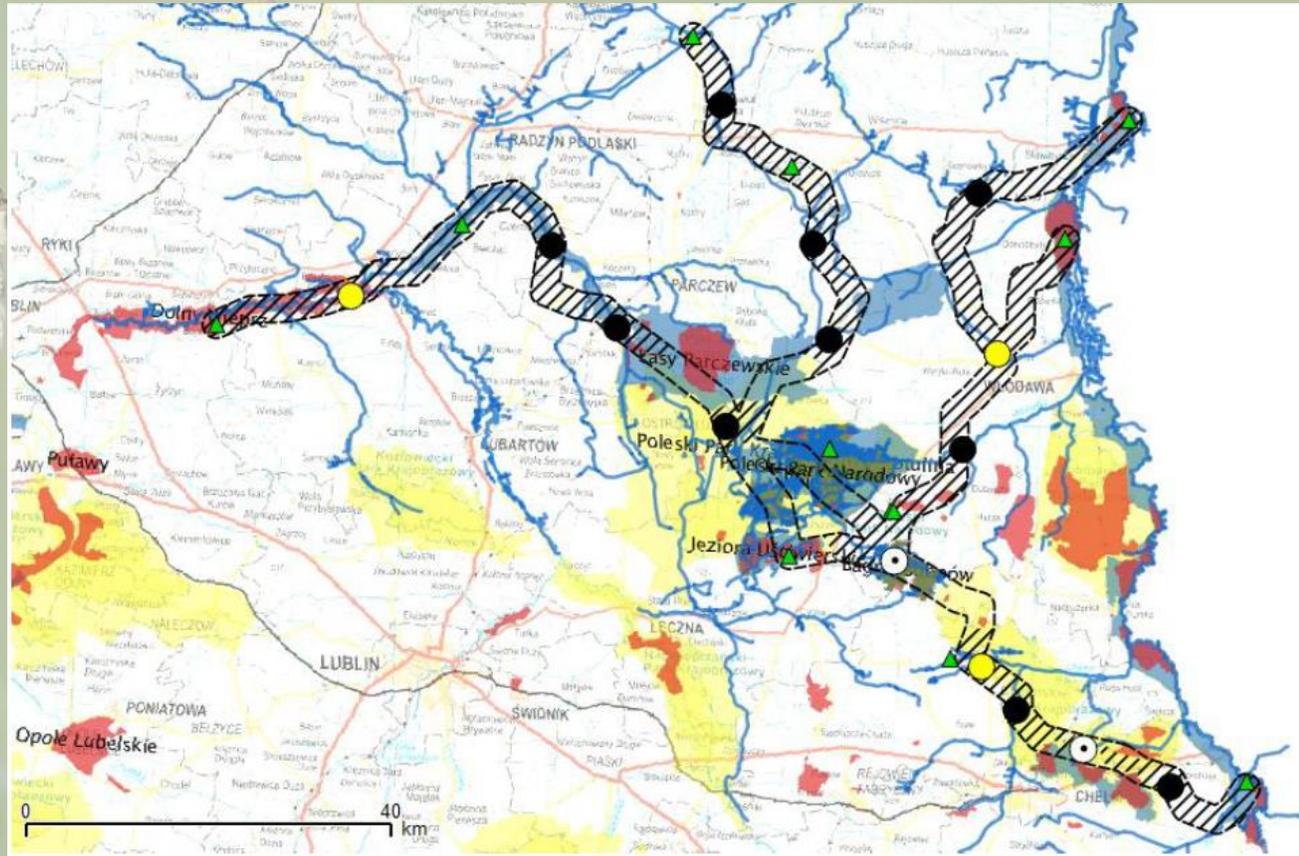
Raport z realizacji projektu

Marki k. Warszawy, listopad 2014



fot. Cezary Korkosz

Project „Strengthening the south-eastern metapopulation of Aquatic Warbler *Acrocephalus paludicola* in Poland”



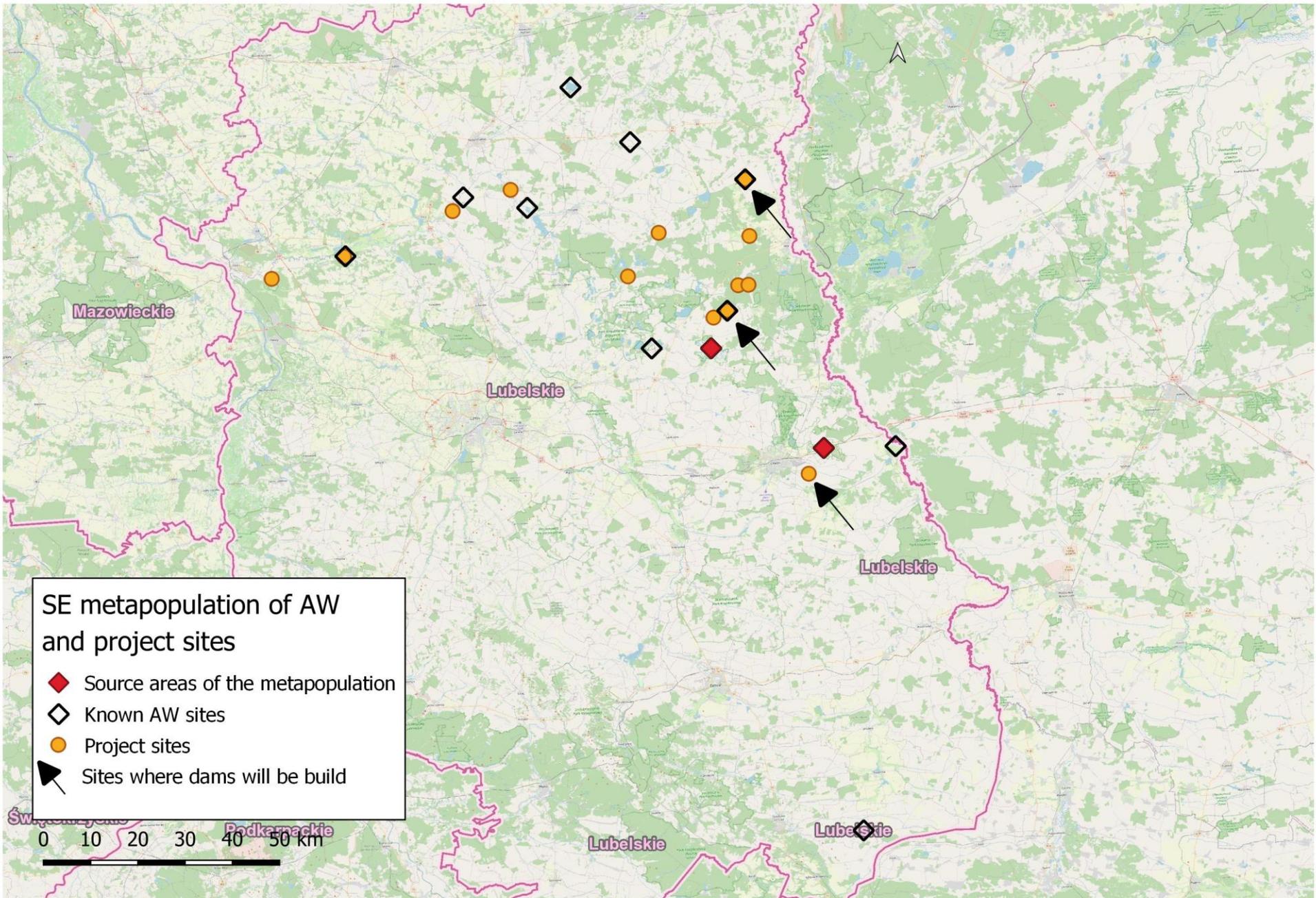
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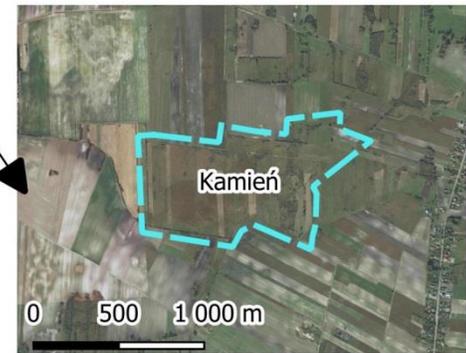
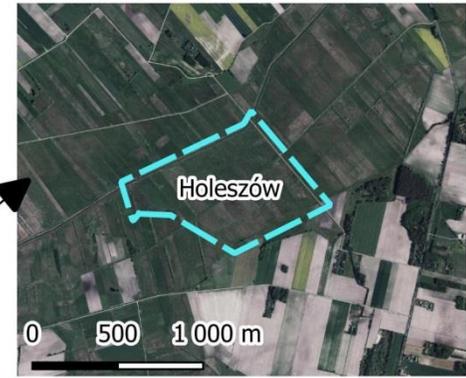
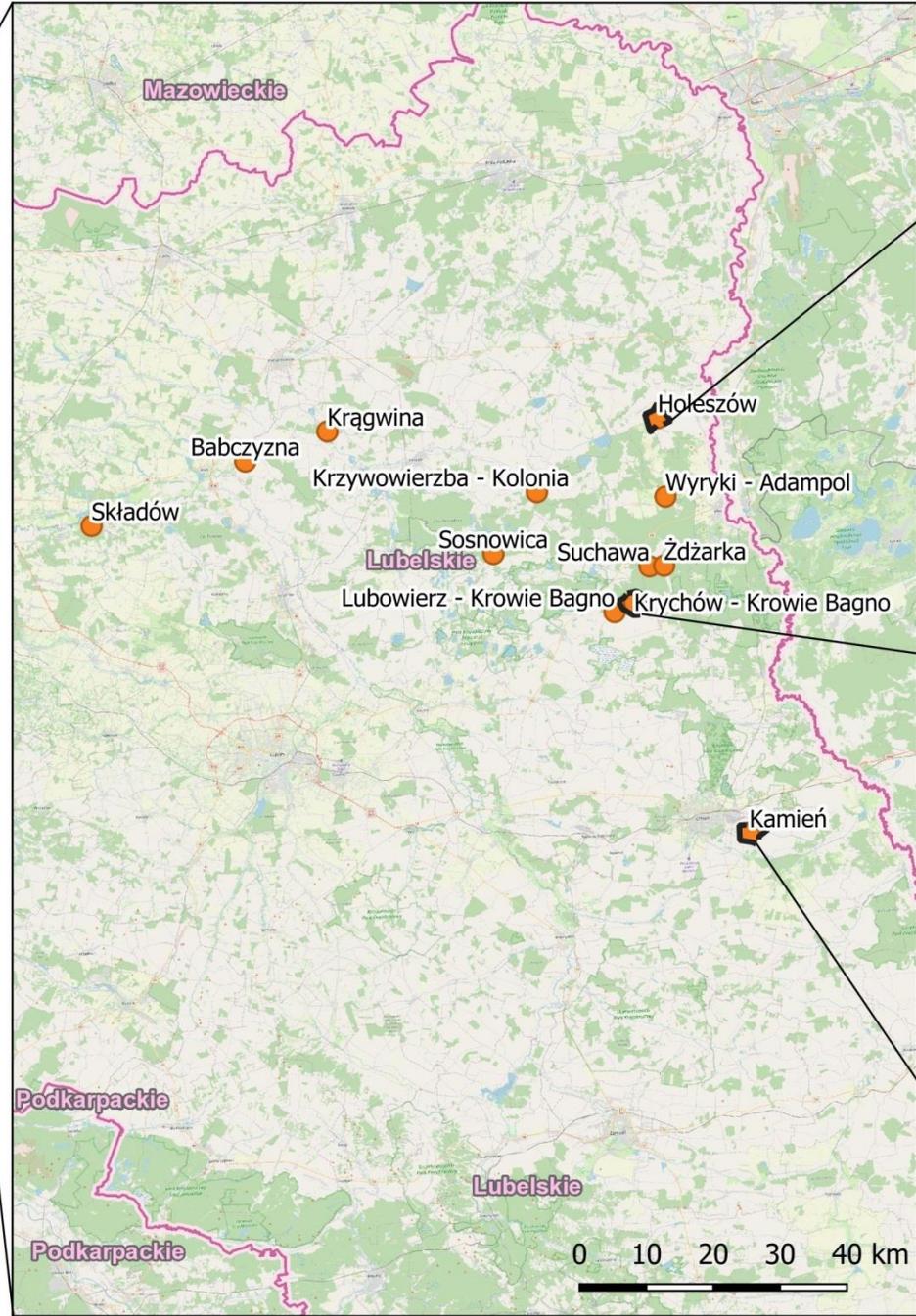
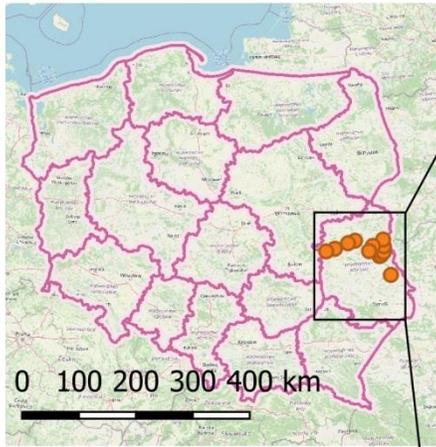
Project areas - criteria

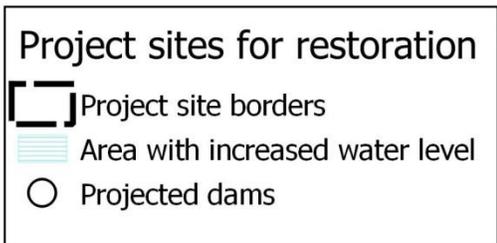
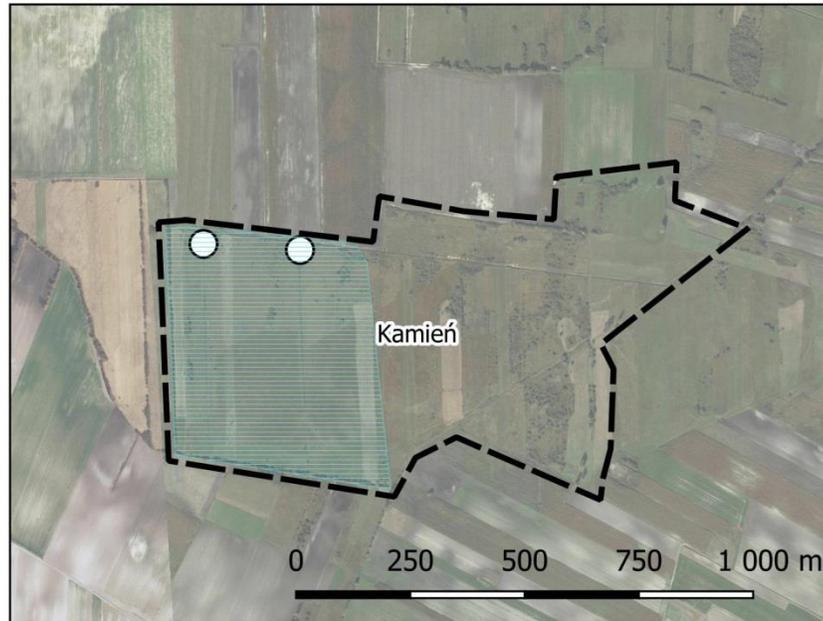
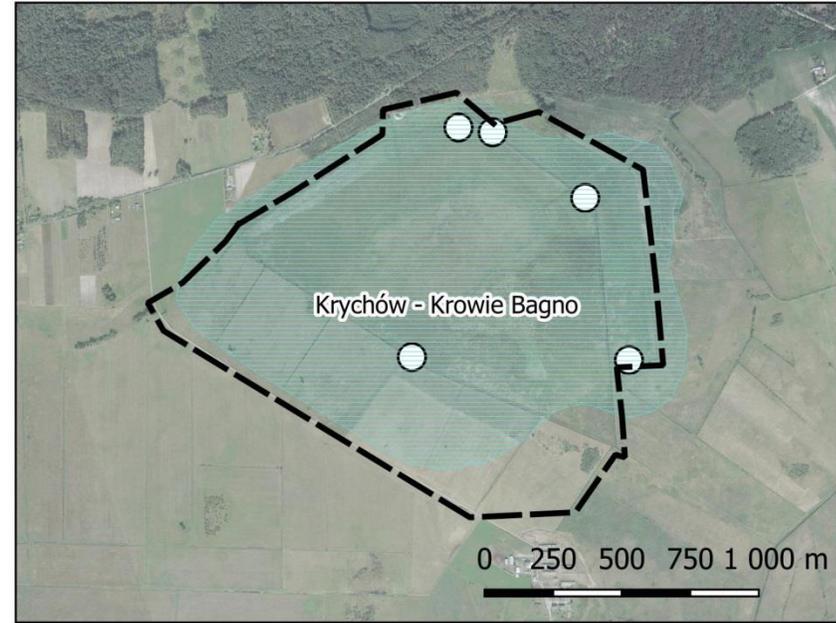
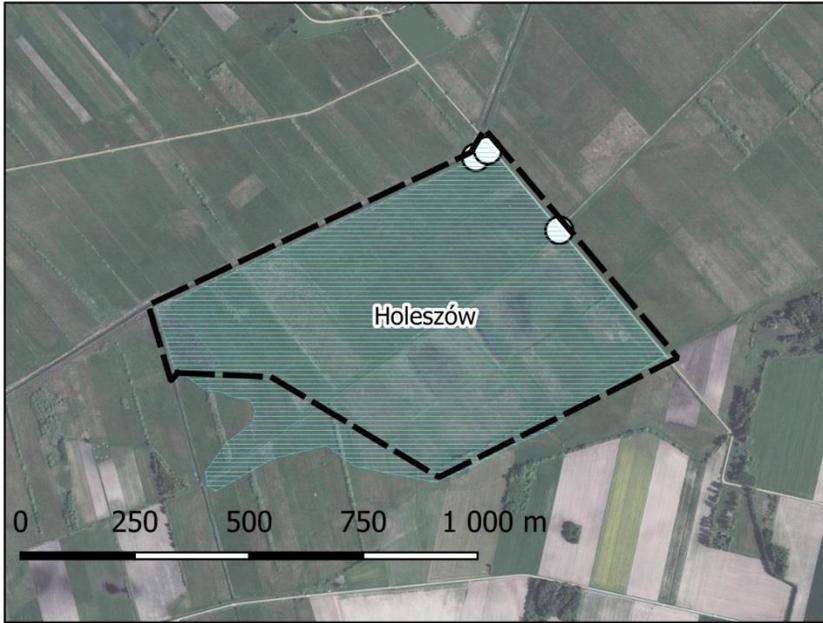
All criteria should be respected together

- Lublin voivodship
- In line of AW local ecological corridors (mostly river valleys), stepping stones
- Habitats suitable for AW – wet meadows with sedge, fen mires
- Three sites possible to enhance by stabilizing and increasing water level using dams (suitable habitat, irrigation ditch network and structure of ownership)
- 10 sites of habitat possible to enhance by preparing a set of recommendations for proper, sustainable use.

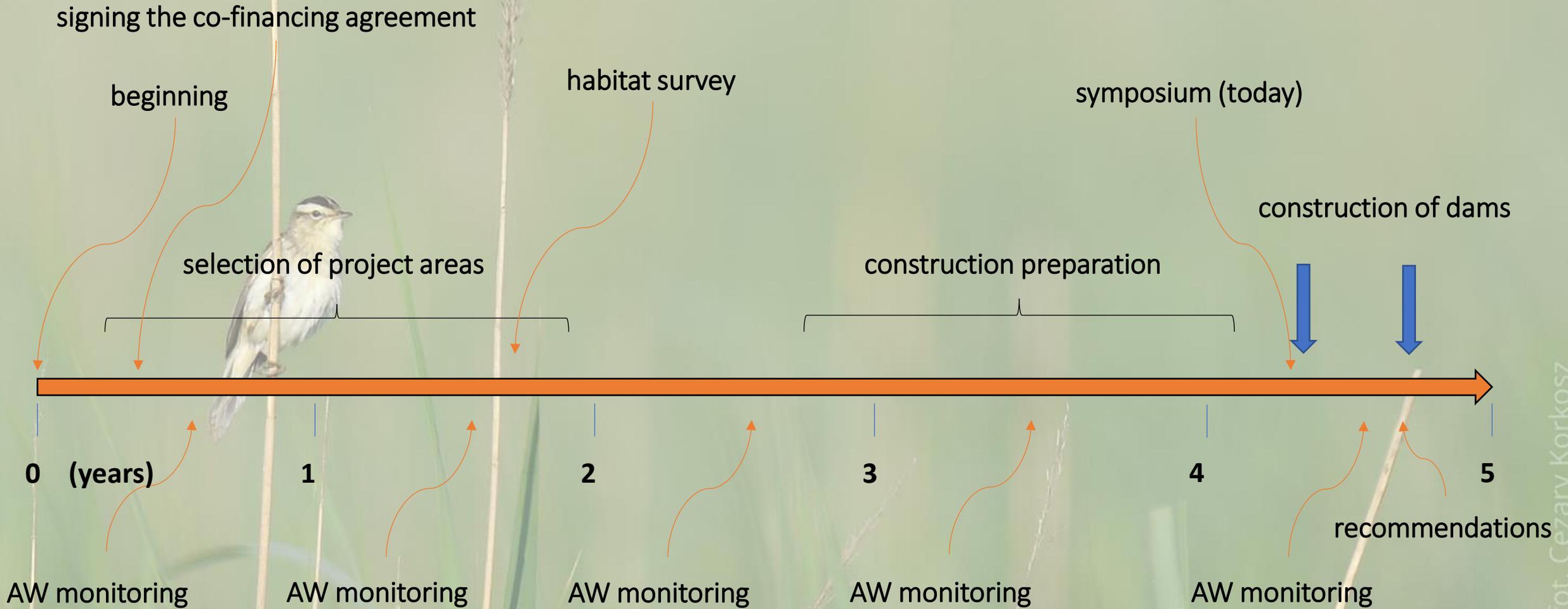
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Project timeline



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Most important, rare, threatened bird species found on project sites

English name	Latin name	Red List of Polish Birds	Birds Directive Annex 1.	Highest breeding status	Number of sites
Aquatic Warbler	Acrocephalus paludicola	VU	-	singing males	3
Black Tern	Chlidonias niger	-	+	feeding	2
Black-tailed Godwit	Limosa limosa	CR	-	possible breeding	4
Common Snipe	Gallinago gallinago	VU	-	territorial males	9
Corncrake	Crex crex	VU	-	possible breeding	10
Crane	Grus grus	-	+	possible breeding	8
Curlew	Numenius arquata	EN	-	feeding	2
Great Snipe	Gallinago media	EN	-	leking	2
Lapwing	Vanellus Vanellus	EN	-	possible breeding	10
Meadow Pipit	Anthus pratensis	-	-	singing males	8
Montagu's Harrier	Circus pygargus	VU	-	pair seen	5
Redshank	Tringa totanus	NT	-	feeding	2
Whinchat	Saxicola rubetra	NT	-	breeding	12
White Heron	Ardea alba	-	+	feeding	3
White-tailed Eagle	Haliaeetus albicilla	-	+	feeding	10

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New Aquatic Warbler sites discovered – Hanna river valley

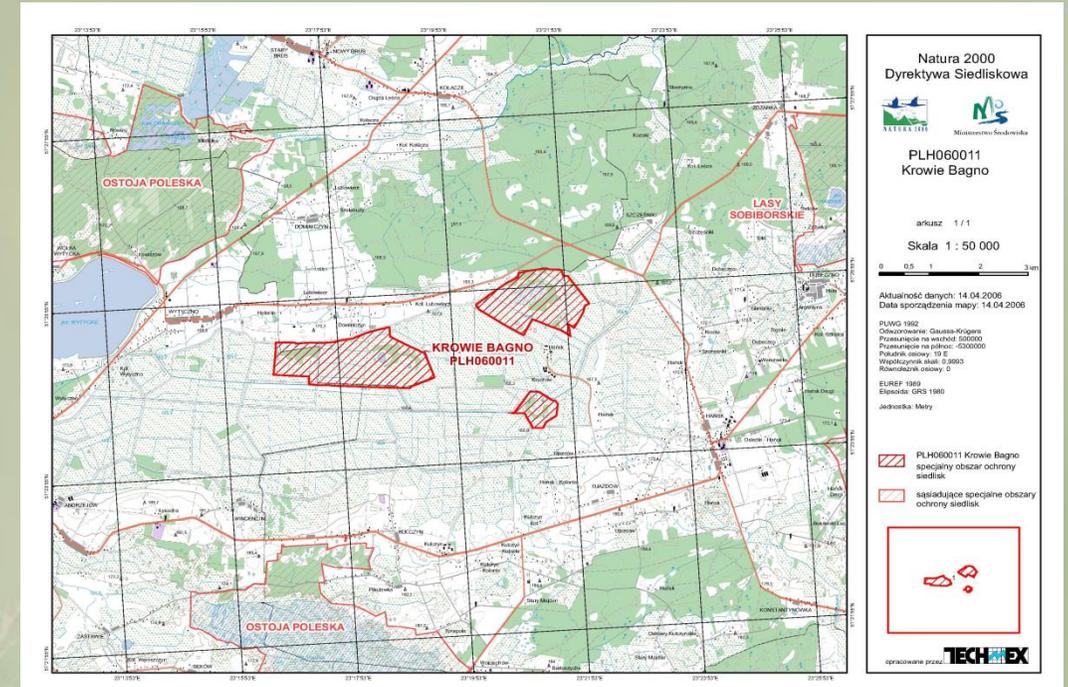


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New Aquatic Warbler sites discovered – Krowie Bagno



Krowie Bagno conservation story



fot. Cezary Korkosz

Krowie Bagno conservation story 2003



fot. Cezary Korkosz

Krowie Bagno conservation story 2003



fot. Cezary Korkosz

Krowie Bagno conservation story 2003



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Krowie Bagno conservation story 2006 - 2007



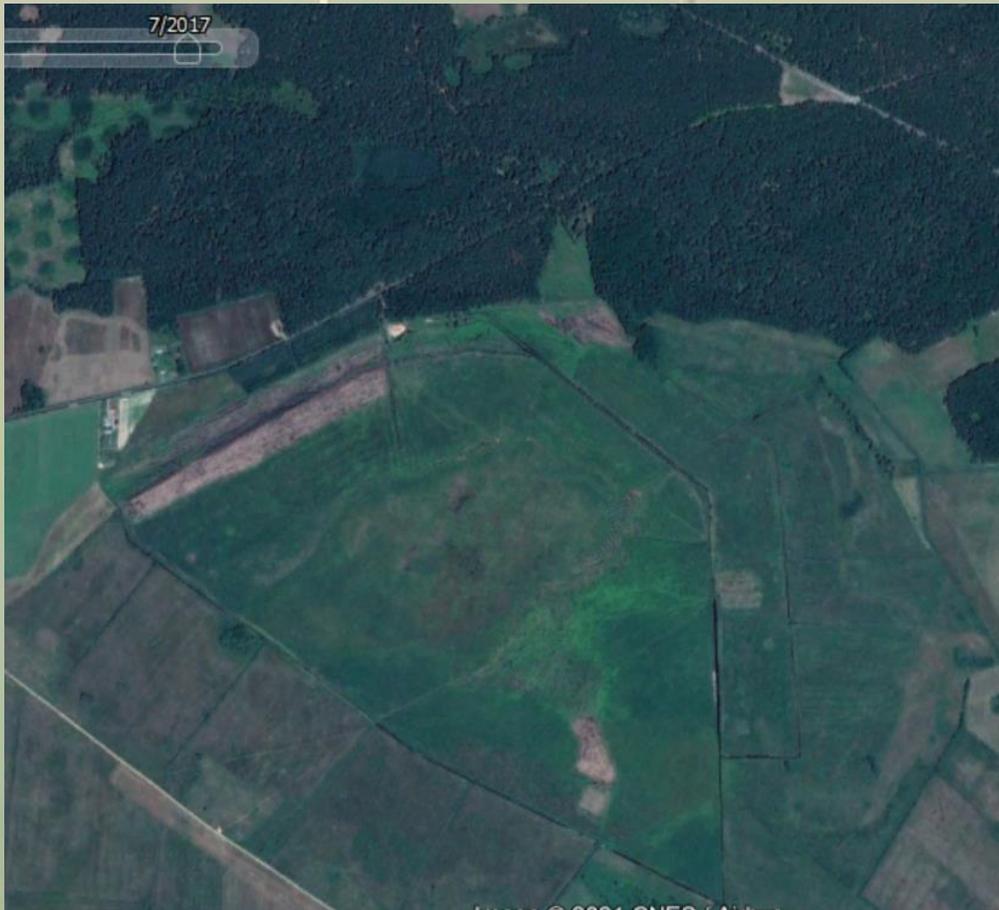
fot. Cezary Korkosz

Krowie Bagno conservation story 2015 - 2016



fot. Cezary Korkosz

Krowie Bagno conservation story 2017 - 2019



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Krowie Bagno conservation story 2014

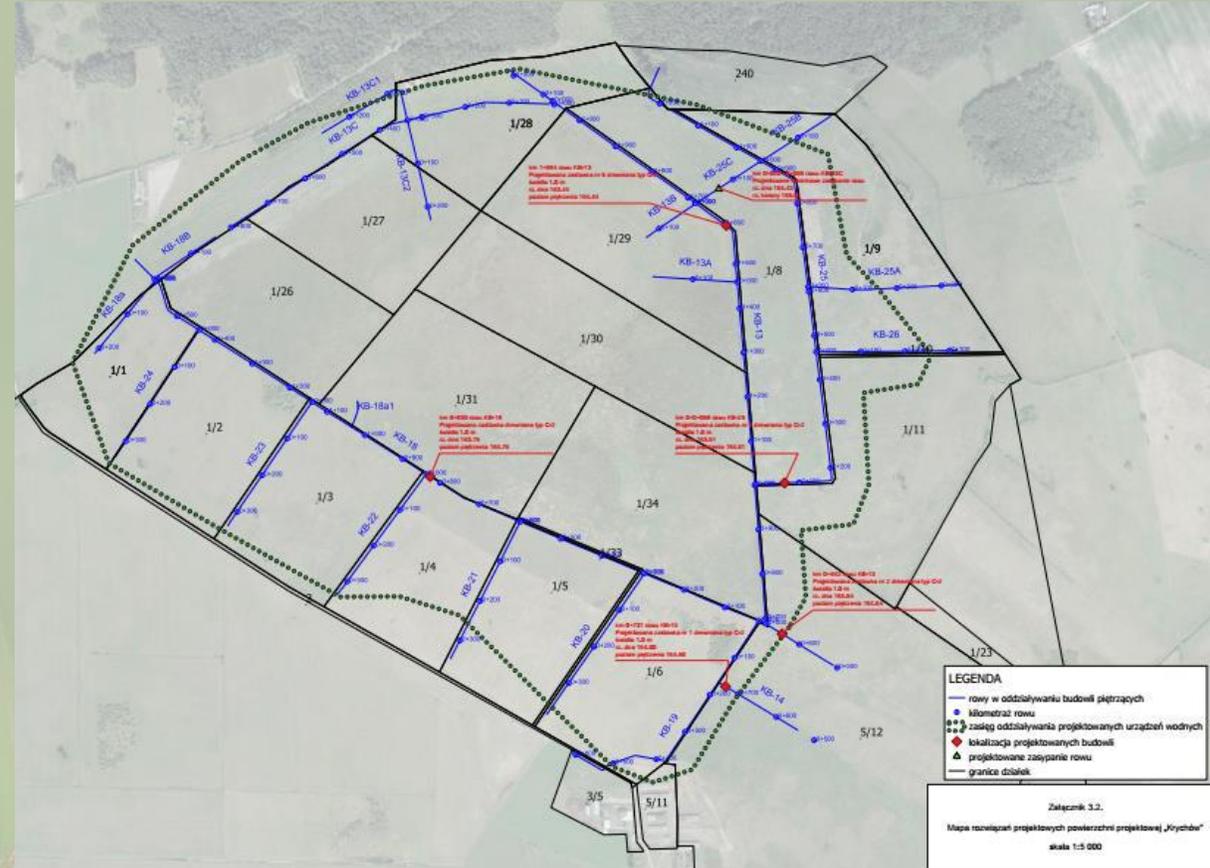


Krowie Bagno conservation story 2014



fot. Cezary Korkosz

Krowie Bagno conservation story 2020

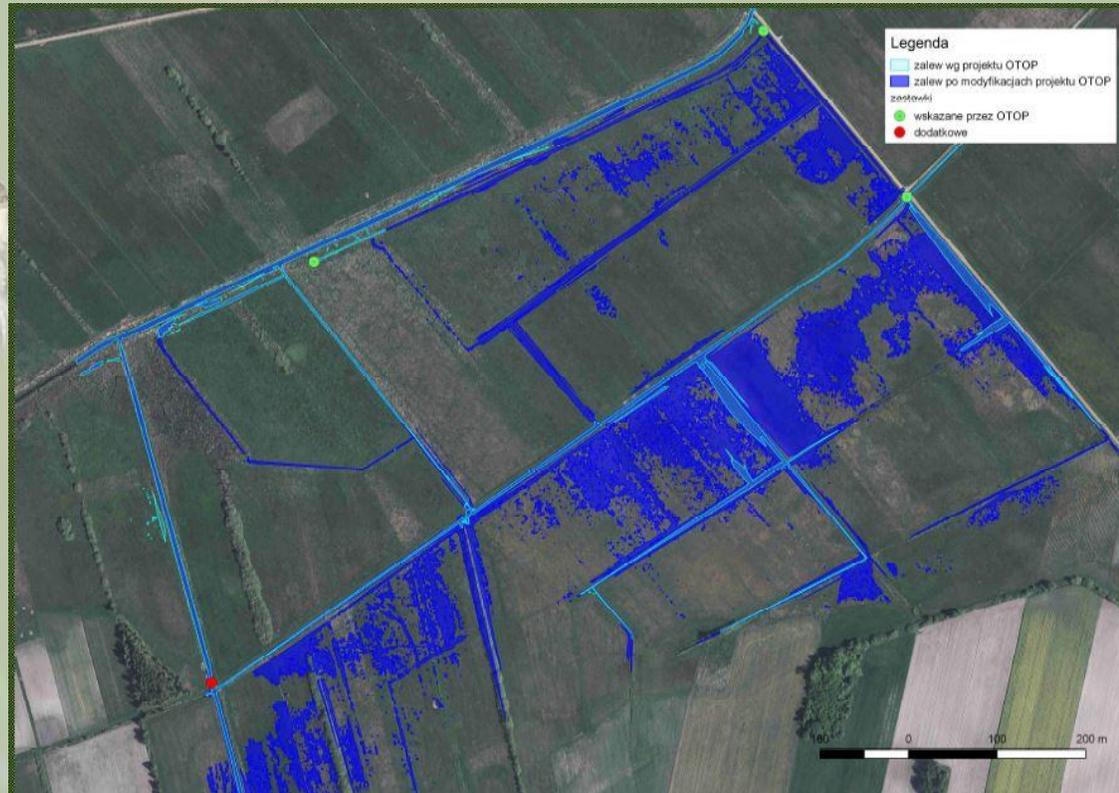


Things done so far

- ✓ project sites selected
- ✓ habitat and bothanical survey made
- ✓ agreements with land owners signed
- ✓ ornithological monitoring conducted for three full years (2017 – partial)
- ✓ documentation for dams construction almost fully gathered
- ✓ construction on Holeszów (Hanna river) site starting now

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Building dams on Holeszów(Hanna river valley) site is starting



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Things to be done in 2021

- To finalize gathering documents and building dams on 3 sites
- To prepare recommendations of sustainable use for 10 sites and distribute the document among all groups of interest
- 4th full year of AW monitoring on project sites and the Final Report summarizing monitoring scheme
- Finalization of the project – activities, administration, budget.

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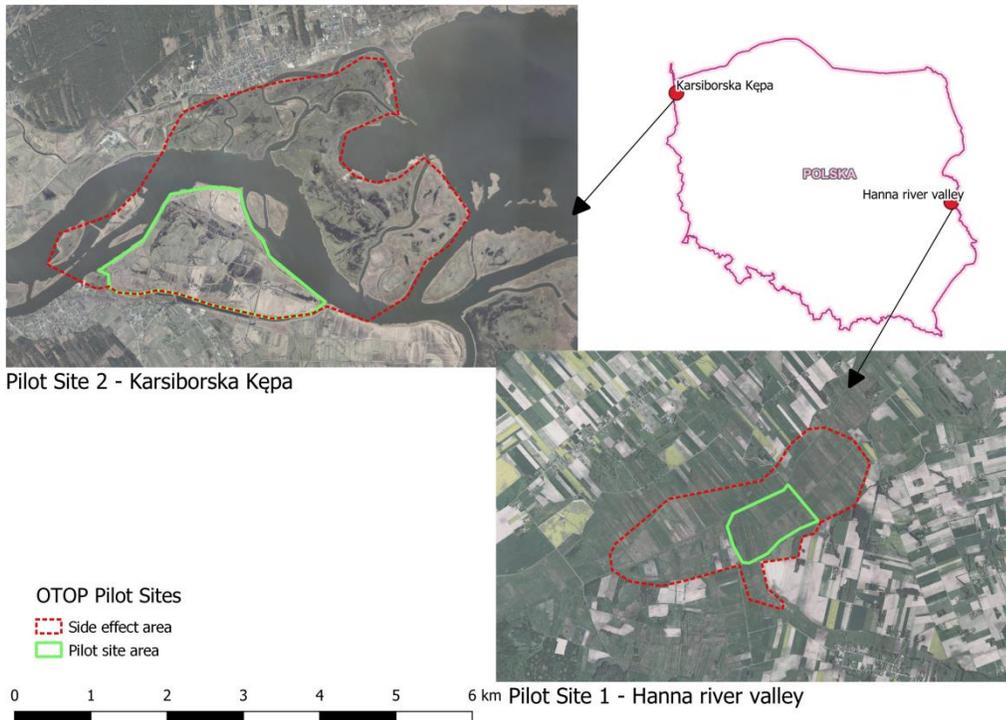
Expected results of the project

- Increase of water level on 3 project sites, resulting in more stable habitat of better suitability for AW
- Long-term effect of drying prevention on these areas, we hope AW will use these sites
- Better state of habitats on 10 sites where recommendations for sustainable use will be provided.
- Better connection between subpopulations within south-eastern metapopulation of AW
- Habitat enhancement will also result in better state of protection of other rare and valuable bird species.

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Horizon 2020: the European Green Deal

Final call for the European Green Deal – the last and biggest call under Horizon 2020



Upscaling the restoration effect on Hanna river valleys through building additional dams on drainage ditches



Proposal Title: Biodiversity and Ecosystem Services resToration TRAnSition DEsign System

Project acronym: BestTrades, **Topic:** LC-GD-7-1-2020- Restoring biodiversity and ecosystem services.

List of participants:

#	Short	Participant organisation name	Type	Country
1	IUNG	INSTYTUT UPRAWY NAWOZENIA I GLEBOZNAWSTWA, PANSTWOWY INSTYTUT BADAWCZY	RTO	PL

Thank you for your attention

fot. Cezary Korkosz

Strengthening the south-eastern metapopulation of Aquatic Warbler *Acrocephalus paludicola* in Poland

Project implemented In 2017–2021 by the Polish Society for the Protection of Birds – Bird Life Poland. The overall aim is to strengthen the south-eastern Aquatic Warbler metapopulation by restoring suitable habitat conditions for birds in historical or potential habitat areas of this species.

The planned effects of the project are: strengthening the migration corridors of the Aquatic Warbler metapopulation in the Lubelskie Voivodeship, creating and maintaining a system of ecological corridors - chains of stepping-stone habitats between the areas occupied by the Aquatic Warbler, and thus strengthening the main ecological corridors: south-central and eastern.

The planned total cost of the project will amount to PLN 2,970,588.32 (EUR 650,000). Co-financing of the project from the European Cohesion Fund under Measure 2.4, priority axis II of the Infrastructure and Environment Operational Program 2014–2020 will amount to PLN 2,497,540.04 (EUR 546,500).

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