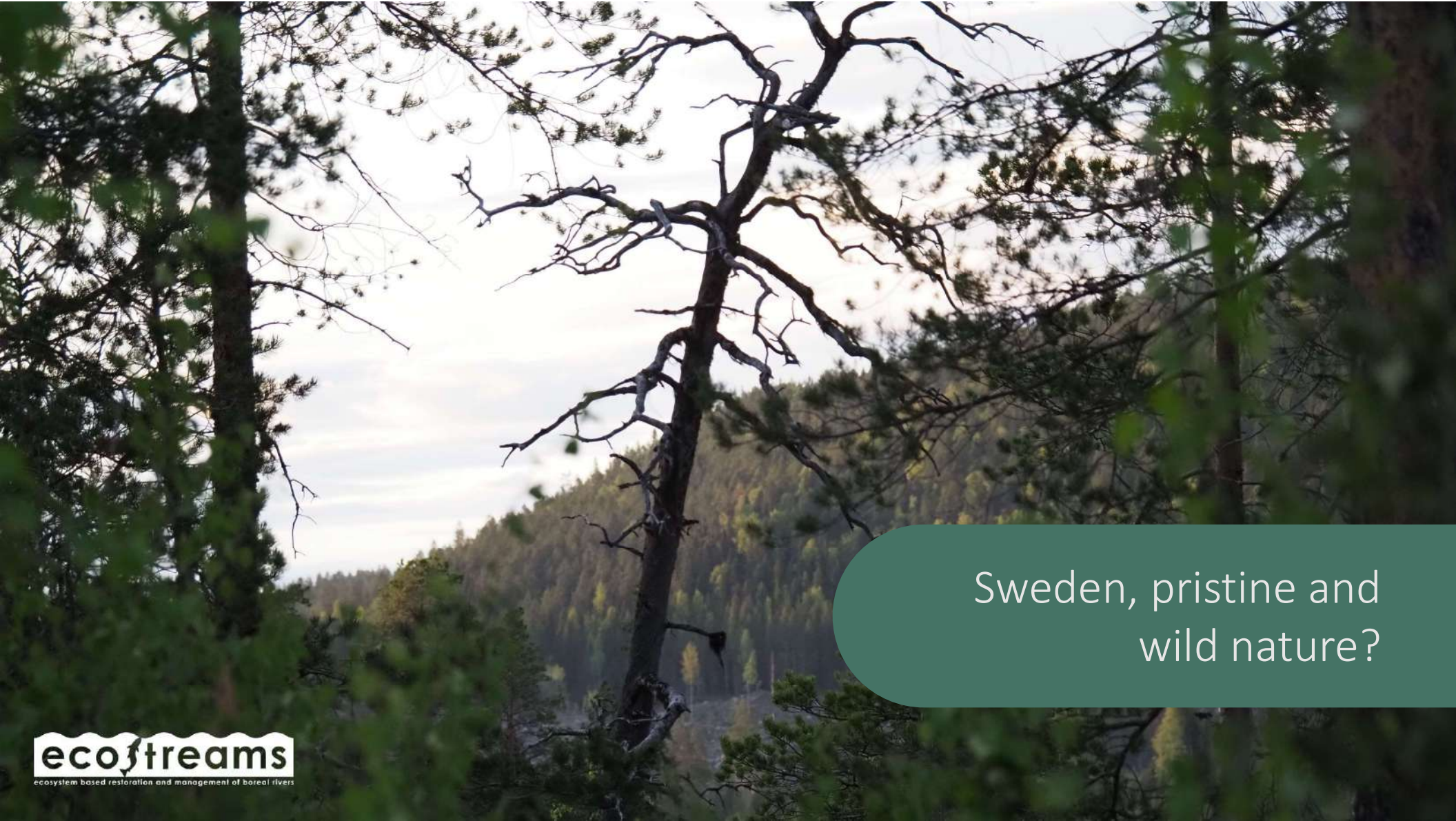


Ecostreams for LIFE: experience with removing migration barriers built during the flotation era on smaller waterways in northern Sweden

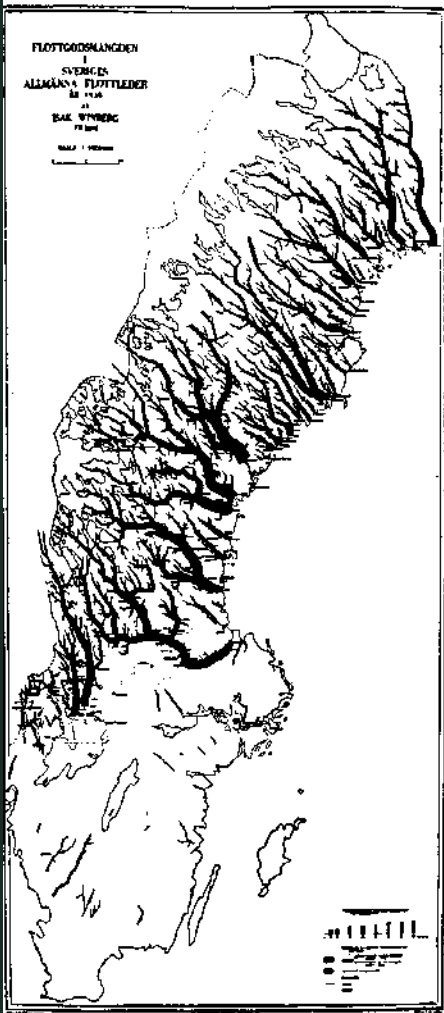




Sweden, pristine and wild nature?



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Atlantic Salmon
Salmo salar



Conservation status



Species & Habitat ass.



IUCN Red list



CONSERVATION ACTIONS



C1 – Restoration of stream sections



C2 – Stream spawning sites



C3 – Wetland hydrology



C4 – Dead wood habitats



C5 – Connectivity – Road culverts



C6 – Connectivity – Dams



C7 – Reintroduction of freshwater pearl mussel

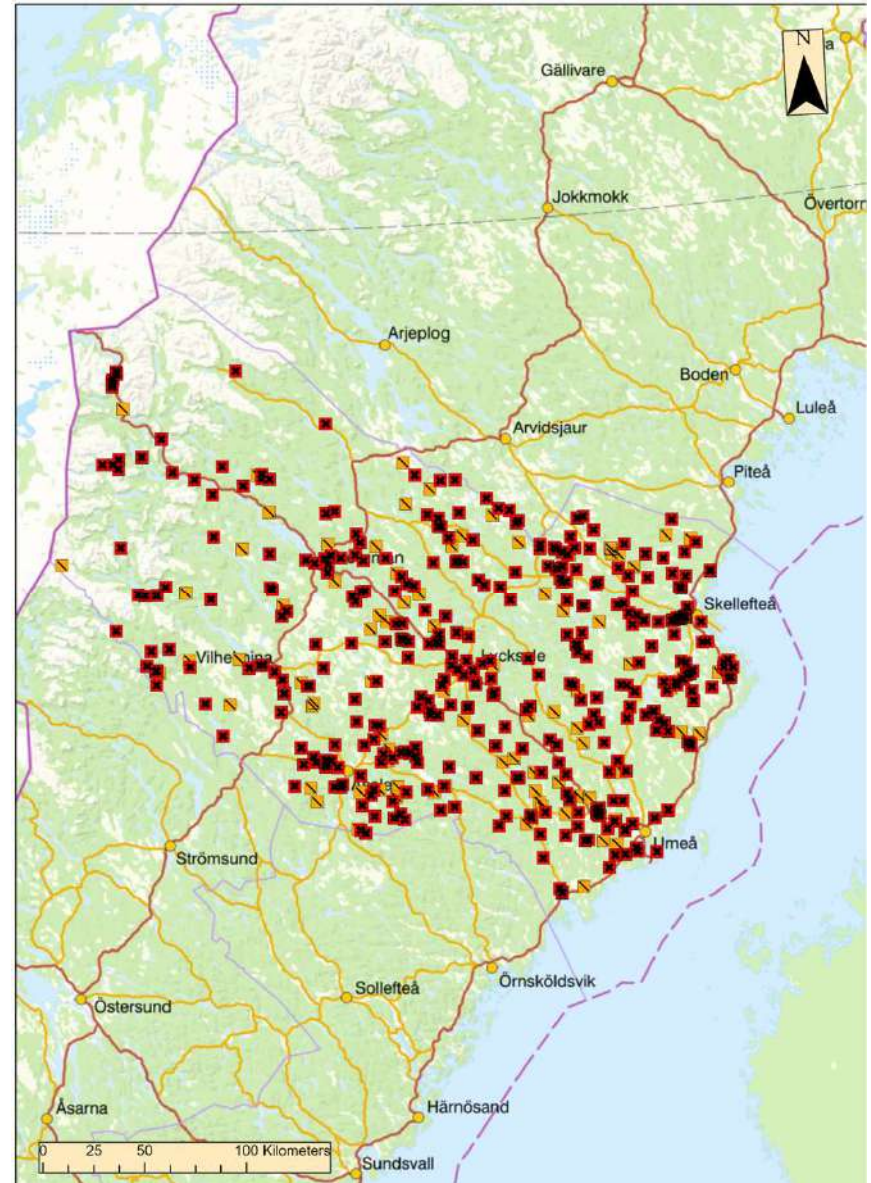


C8 – Management plans



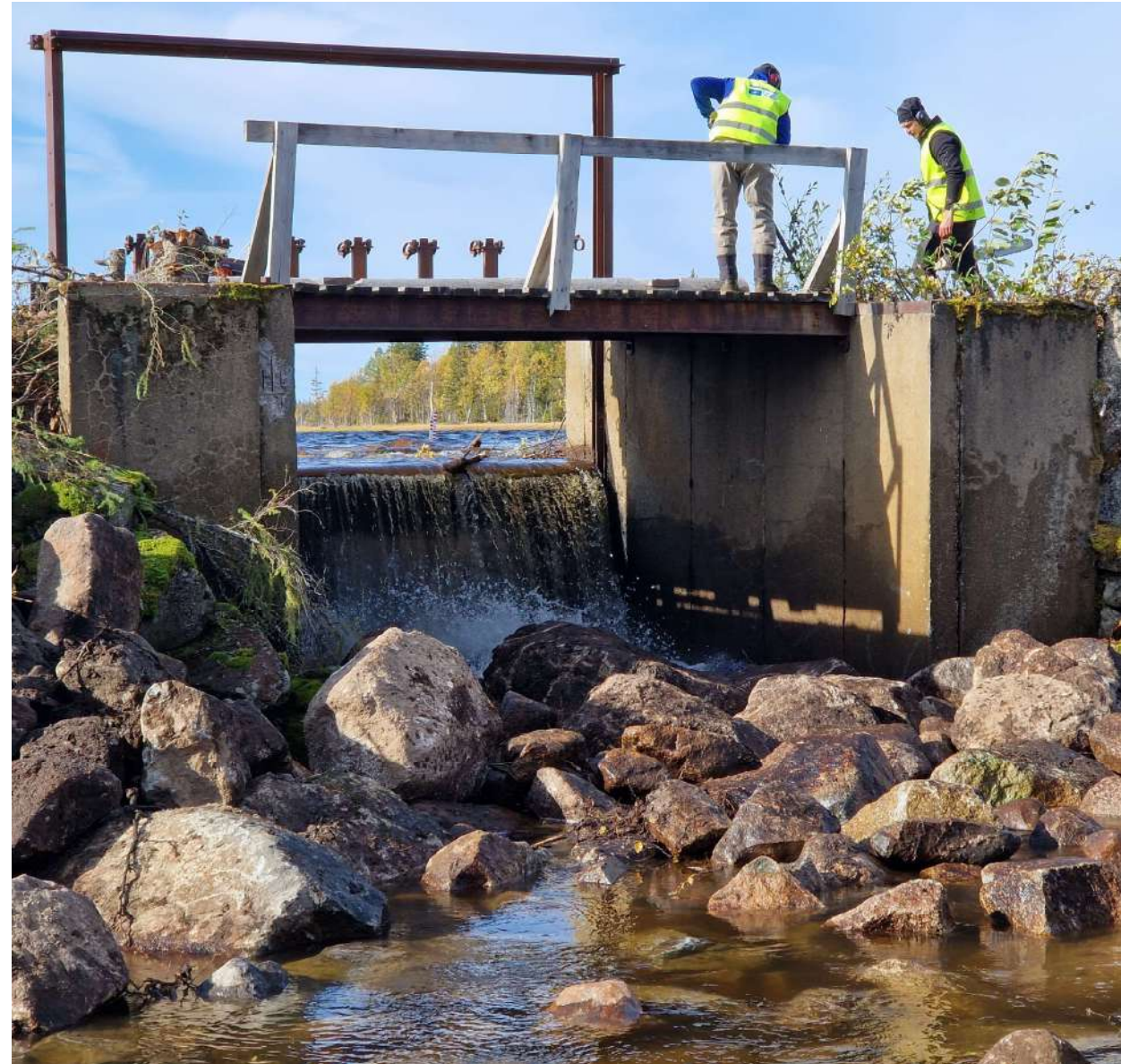
Migratory barriers Västerbotten Sweden

- Around 250+ migratory barriers in the Västerbotten county
- Still finding new objects
- Catchment perspective
- What is possible?



Challenges

- **Landowners**
 - Show pictures/drawings
 - What are the dam used for today
- **The Right measure at the right place**
 - Experiences with keeping and removing the dams
 - A full Restoration compared to restoring the function
- **Cultural Value**
 - Which dams are worth preserving and who will take care of them in the future







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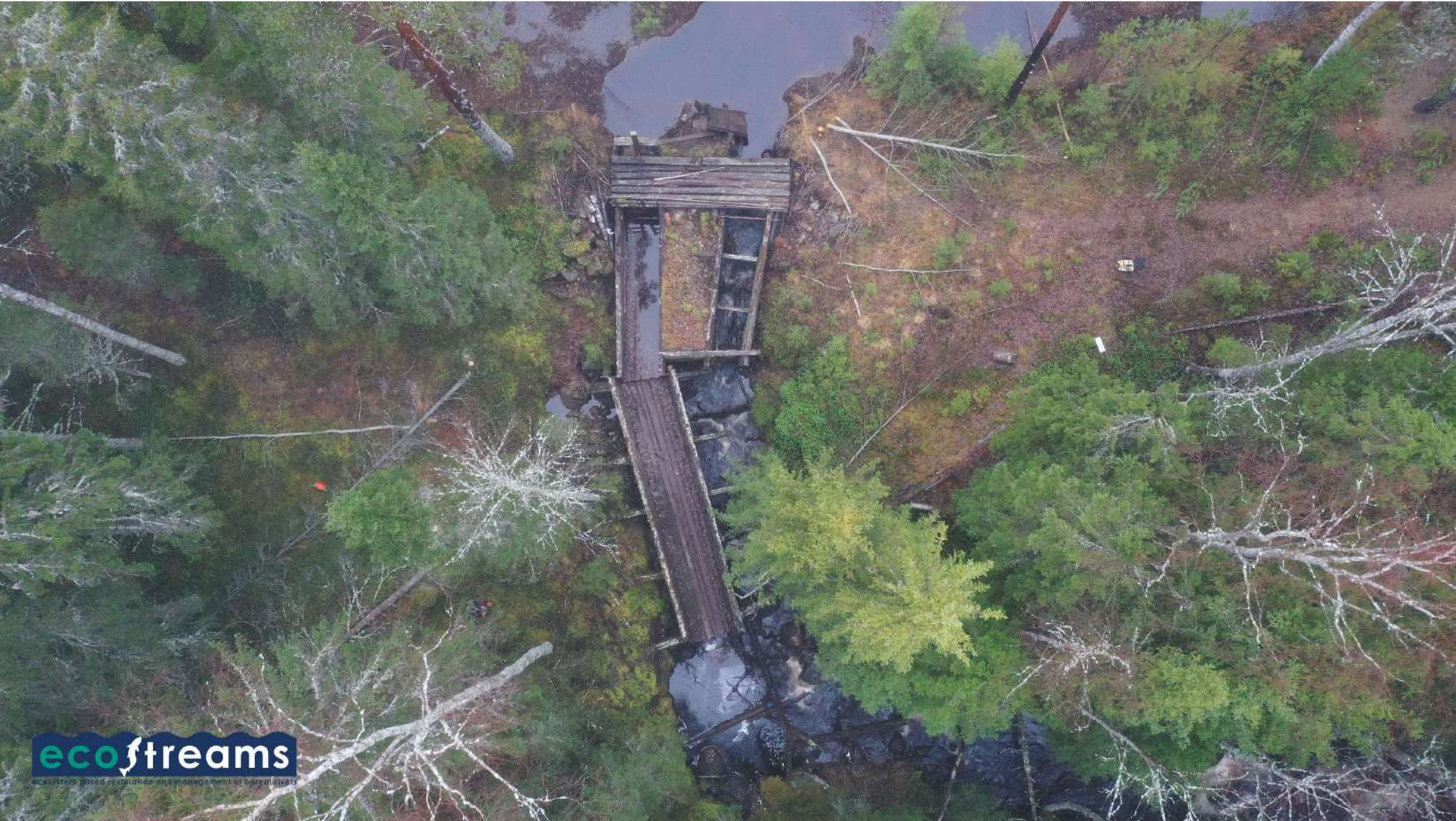
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ecostreams

ecosystem-based restoration and management





ecostreams

ecosystem-based restoration organization



ecoStreams



ecostreams

Restoration and management of boreal rivers



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Experiences

- Compromising with the landowners
 - Send documents well in advance
 - "Wine and dine"
- Most Bang for the Buck
 - Complete removal is usually most cost effective
 - The material can usually be found in the embankment
 - Good natural material can be very expensive

Lövträskdammen, Lycksele, Sweden

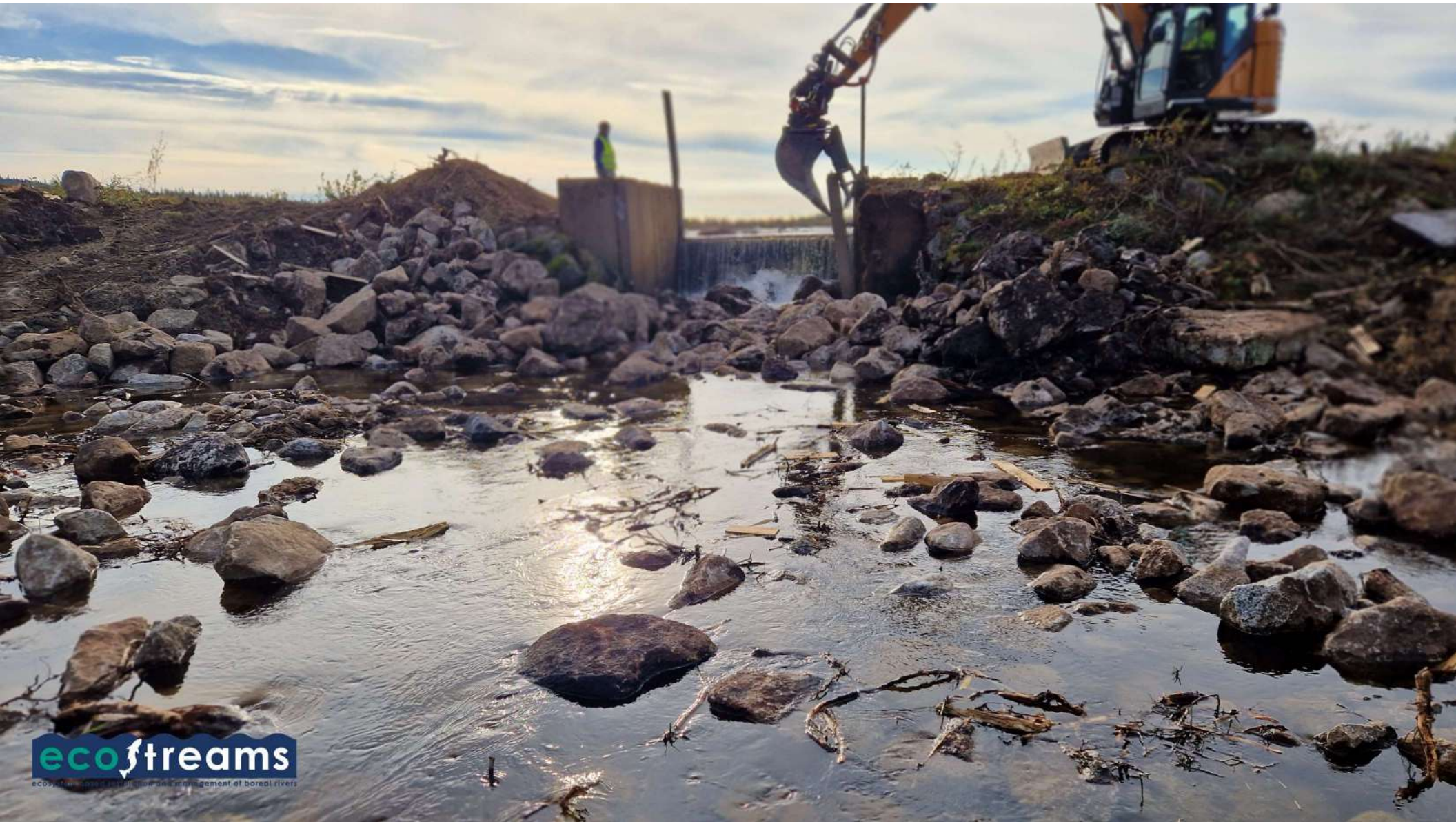






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Thanks for
listening



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