



# Rivers of LIFE

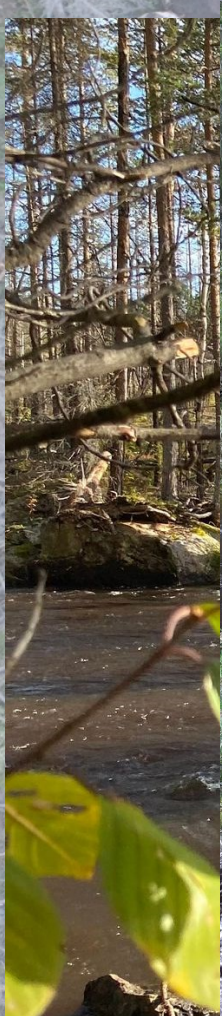
About creating problems in northern boreal rivers



Länsstyrelsen  
Jämtlands län



Länsstyrelsen  
Gävleborg



## Examples of holistic restorations and problem solving in boreal rivers

1. Short summary of the project
2. Restorations – landscape perspective
3. Problem solving



# Target species

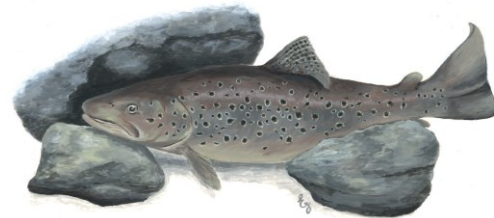


Otter (*Lutra lutra*)

Freshwater pearl  
mussel  
(*Margaritifera  
margaritifera*)

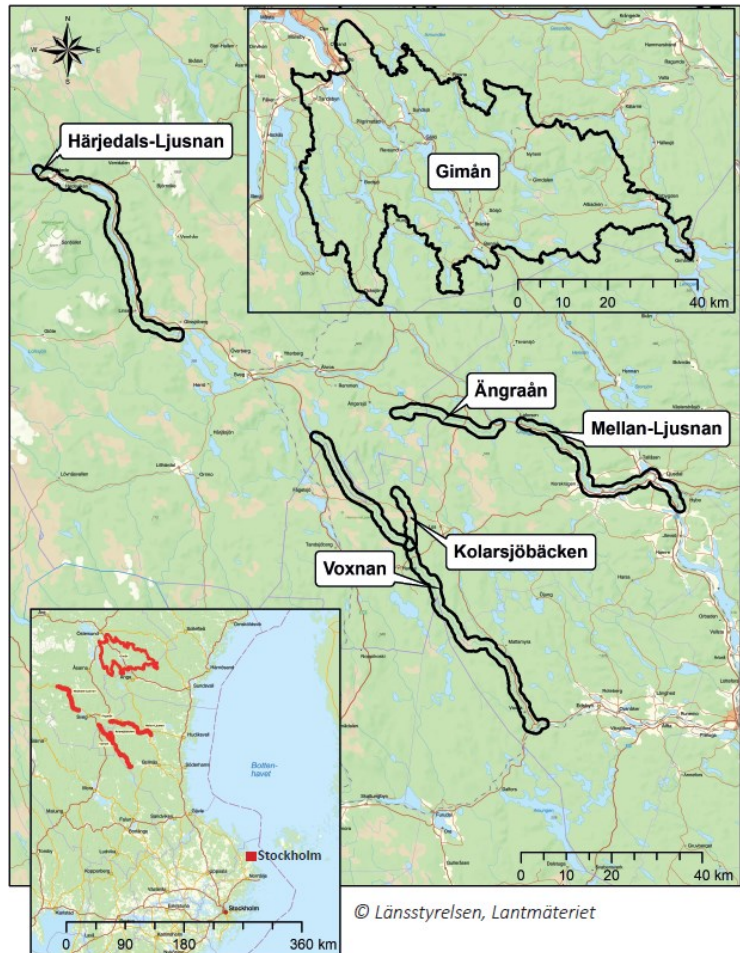


Carinthian liverwort (*Scapania  
carinthiaca*)



Brown trout (*Salmo trutta*)

# Geography



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## Summary of the goals

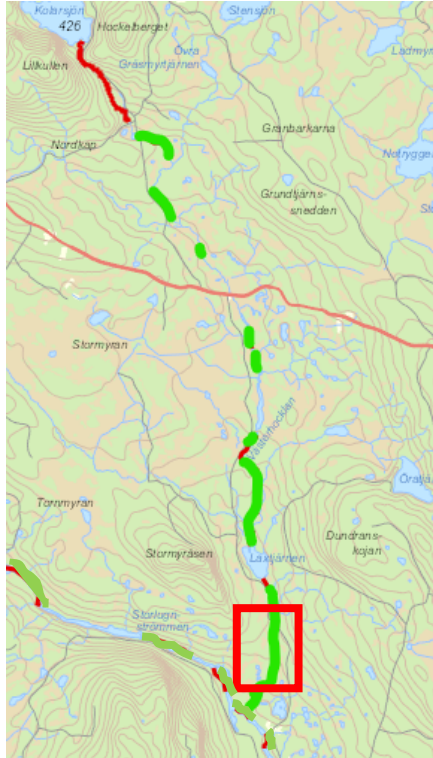
- 120 km of restored rivers
- 320 spawning grounds
- 42 road culverts and dams (connectivity)
- 24 new locations for FPM
- 17 new locations for Scapania
- >30 waterways with improved status
- Management plans
- Information/education (students, immigrants, forest companies etc.)



# Restorations with a landscape perspective

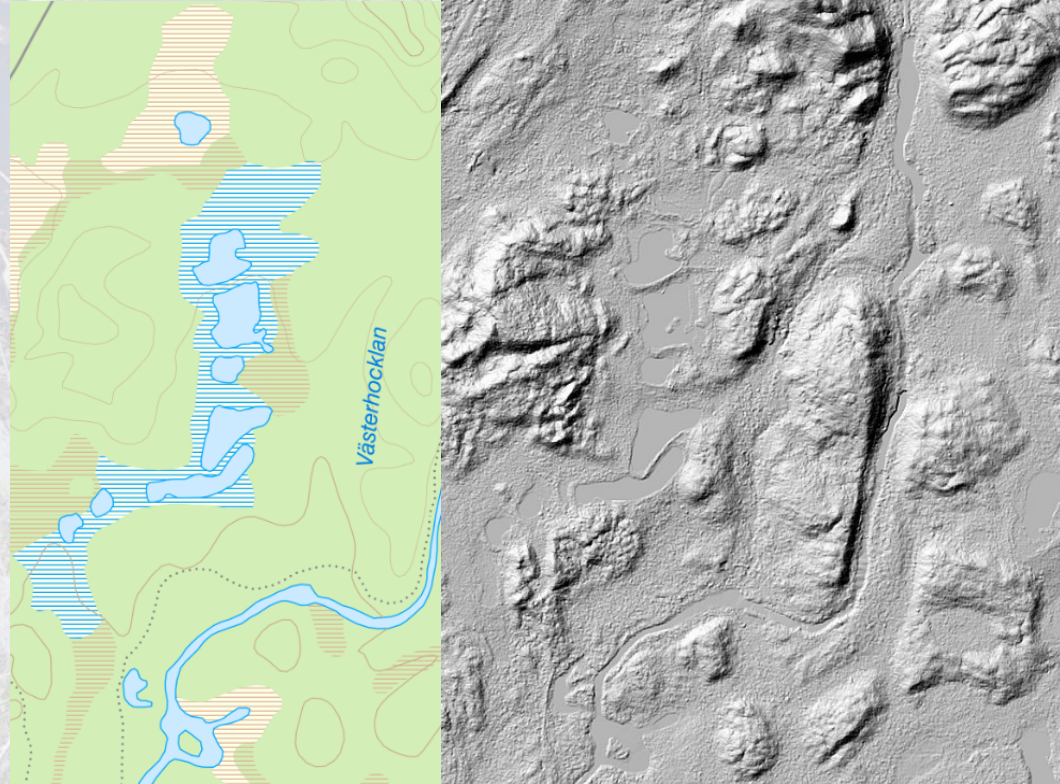
## River Västerhocklan

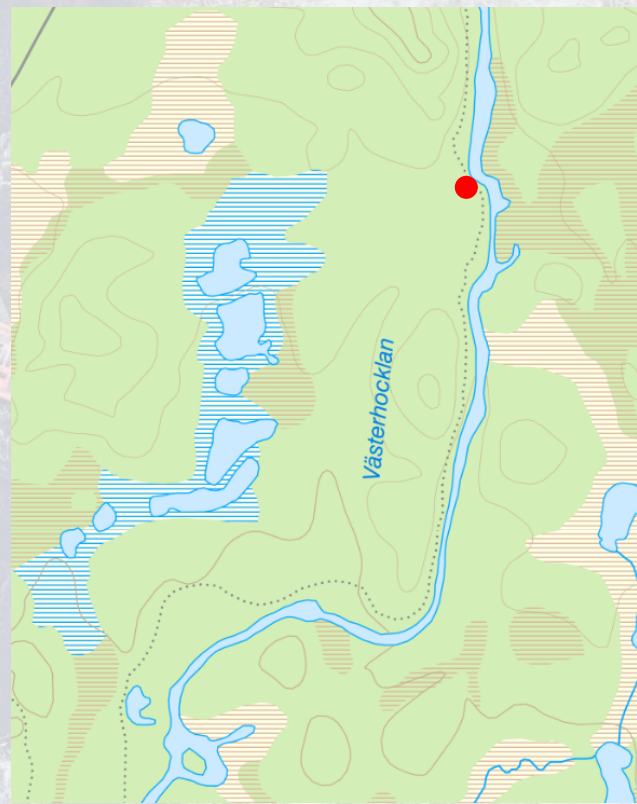
- 7500m restored out of 9360m
- 86% wider (increased wetted area)









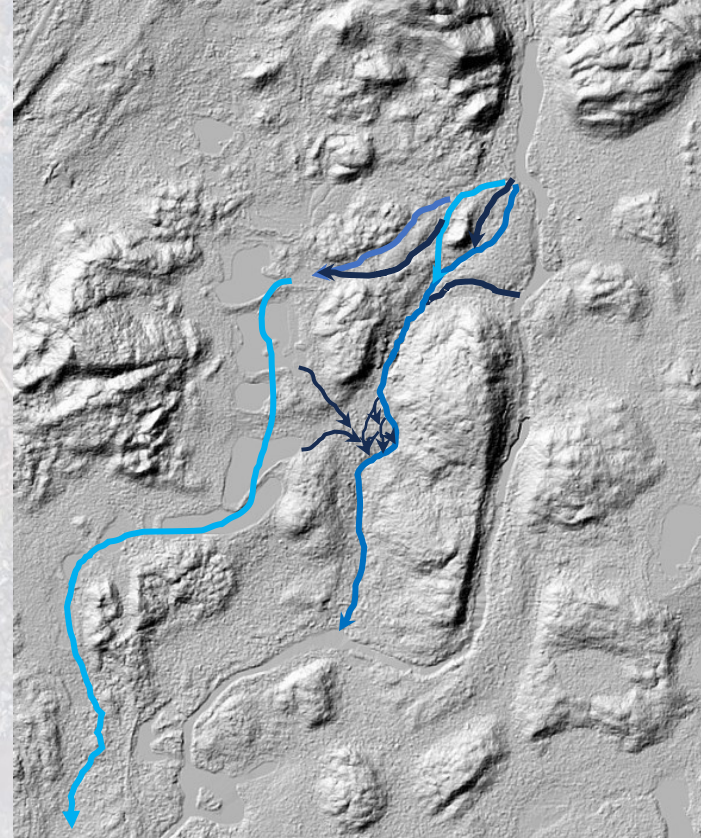
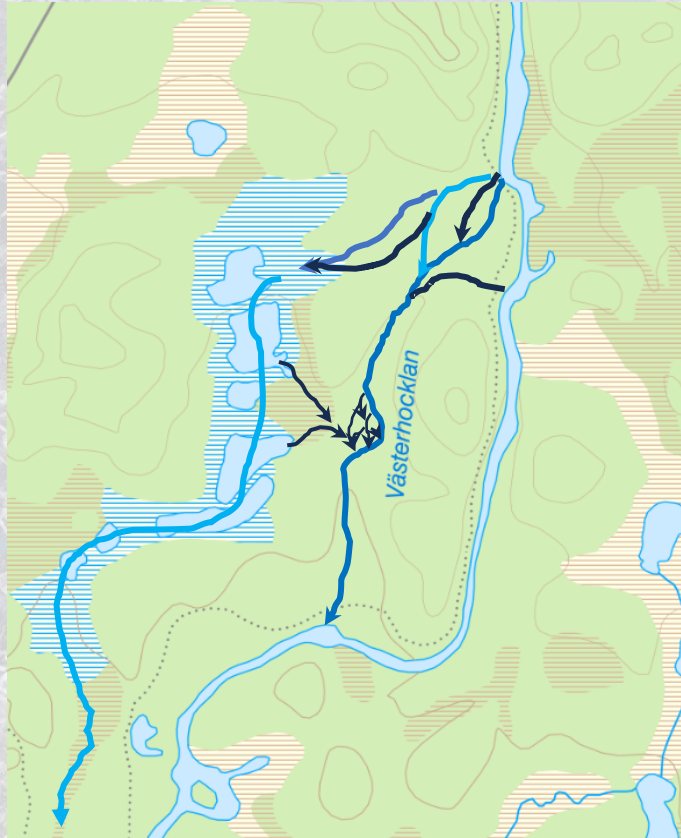








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# Problem solving















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## Västerhocklan

Finer fractions are missing in these types of rivers.

If possible it is good to add some.



# Thank you Partners and beneficiaries

Swedish Agency  
for Marine and  
Water Management

