

Practical experiences, practices and methods -How do we work along Vindel river?

Lessons from the restoration projects

Environmental Restoration Project Vindelälven/Piteälven & Vindel River LIFE

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## Why restoration?

The ideal environment for salmon and the ideal environment for timber floating are opposites. Therefore, any measure that improves the transport of the timber have a negative effect on salmon

(Written statement from the owners of fishing along the Vindel river 1928 Water Court in Umeå)





## Our ambition today

- All dredged material is put back; blasted structures replaced with material from the surrounding terrain
- -The result should look natural; existing natural structures are reinforced
- LWD; trees are put in the river channel
- -Restoration of spawning areas
- Scientific monitoring & documentation (riparian zone fish)
- Limited stocking of fish (alternative methods &
- -correct genetic mtrl.)
- Better management of our watercources







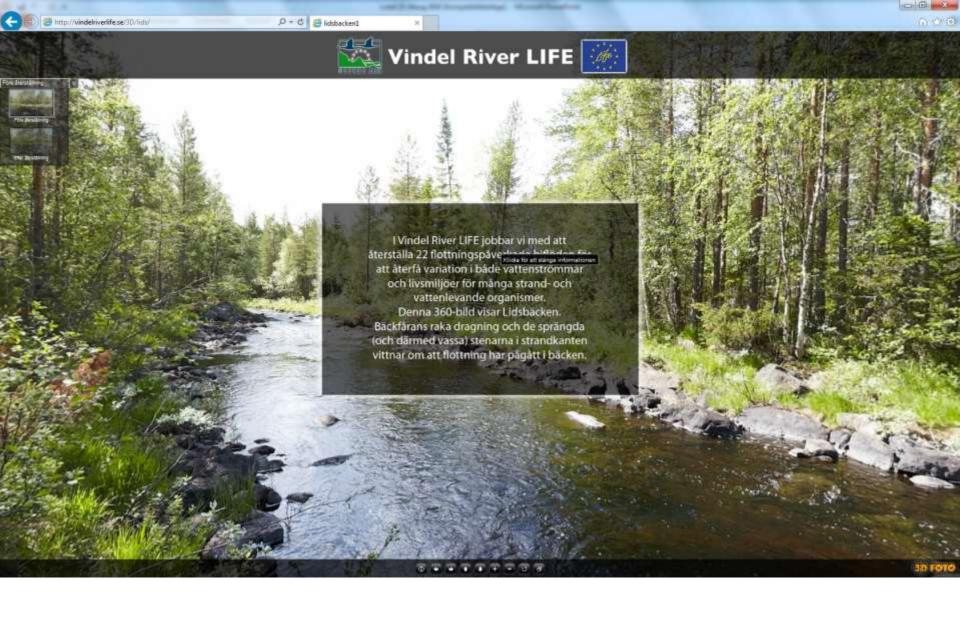














## Areas affected by environmental recovery in Vindelälvens basin

Total gained area (ha)

Vindel river: 18,6ha

Tributaries: 74,1ha

In total roughly 18,6ha highly productive environments for salmon and trout parr are recreated entirely in the main river; Sävar river entire production area is estimated 21ha, 15ha in Rickle river and river Ljungan 17ha (ICES 2014)!

