

# Outline

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- Small-Scale and Communal Forestry Issues
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## **Revenues III**

Intense negotiations with the sawmilling associations in order to stabilize the timber prices

Almost no success, unless there was a strong interest from the sawmills to keep the timber in the state

- → Storage concept
- $\rightarrow$  No willingness to pay for any kind

2007 Kyrill: North Rhine-Westphalia Contracts with higher prices for timber than actual market price, but to fixed for eight years This approach failed widely, after a few years prices much lower than market prices  $\rightarrow$  severe financial loss Anti trust agencies are inquiring, court hearings







# Long-Term Finacial Aspects of Natural disturbances I 7

Economic Issues I

Standard pattern:

First year after event:

Revenues can mostly compensate the direct costs of salvage logging

2 to 3-5 years after event: Reduced timber prices, reduced harvest in order to stabilise timber markets and sell damaged timber plus creationg additional costs for regeneration, repair of forest infrastructure etc. → Liquidity is missing

Consolidation starts mostly after the last timber from the catastrophic event is sold.







## Long-Term Financial Aspects of Natural Disturbances II 8

#### **Economic Issues II**



Lower costs for regeneration and its faster decrease is mainly explicable by a higher share of natural regeneration

Increasing costs after natural disturbances

ForstBW

Wir schaffen Zukunft

However: Loss of income mostly more severe.

























Amount of storm felled timber								
	30-50 Efm/ha	50-70 Efm/ha	>70 Efm/ha	threat to existance	Sum			
Administrative Region Freiburg								
Number of Enterprises	281	84	140	59	505			
ha	6532	2026	3715	1604	12273			
Ortenau County								
Number of								
Enterprises	126	56	96	46	278			
ha	3197	1456	2939	1424	7592			









# Small Scale and Communal Forestry II





## **Harvesting Costs I**

It was known from the event 1990 that harvesting costs have the highest significance Therefore a reserach project on harvesting costs was established Costs Performance of Harvesting

Qualitative study on cost for contractors

Unfortunately no detailed results possible

 $\rightarrow$  Tremendous amount of influencing factors









## Harvesting Costs II

	Procedure							
	Nr. 1, 8 chainsaw		Nr. 2, 3, 4, 5, 6, 7, 9, 10 Harvester / combined		Nr. 11, 12, 13			
BHD					Cable crane			
	Gradient %		Gradient %		Gradient %			
	-30	31-50	-30	31-50	>50			
	Euro / m <sup>3</sup>							
21-30	22	28	21	29	51			
31-40	24	25	23	24	36			
>40	23	20	25	25	38			
Mittelwert	23	22	22	25	42			

Chainsaw = Harvester  $\rightarrow$  prices paid for contractors too high (especially at the beginning of the campaign. BHD = insignificant

Gradient = only very steep slopes matter.







