

The Breakthrough of Even-Aged Logging in Norway

Part II



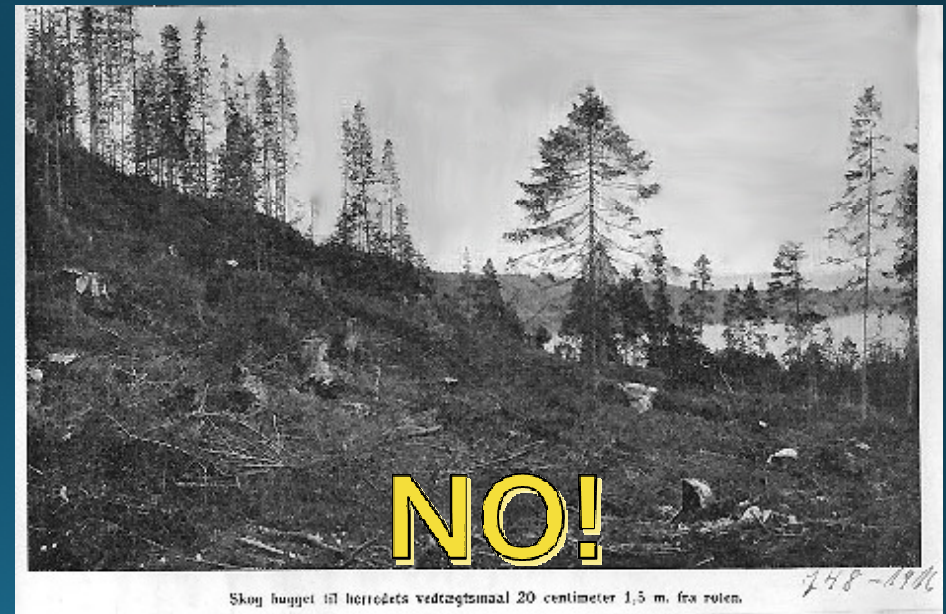
Photo:
LHFrivold

Opočno
1975

The Forest Protection Act of 1932

- Valid for all private forests
- Broke away from old harvesting systems
- Immature forests → thinnings
- Mature forests → proper regeneration
- Forest supervisors
- Freedom under responsibility!

«Good silviculture» = ?



Photos: Agnar Barth

The Forest Improvement Plan, 1938

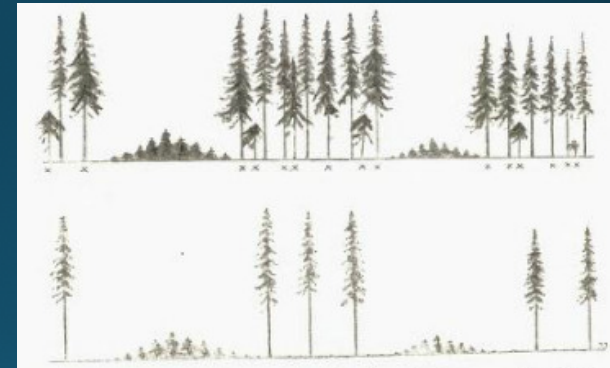
- Even-aged logging methods!



Seed trees (pine)



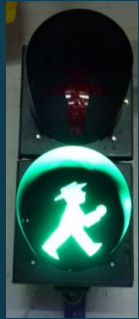
Uniform shelterwood



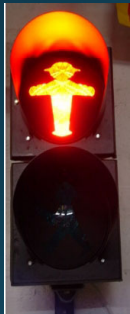
Quickly expanding groups



Clearcutting



Driving forces



Obstacles

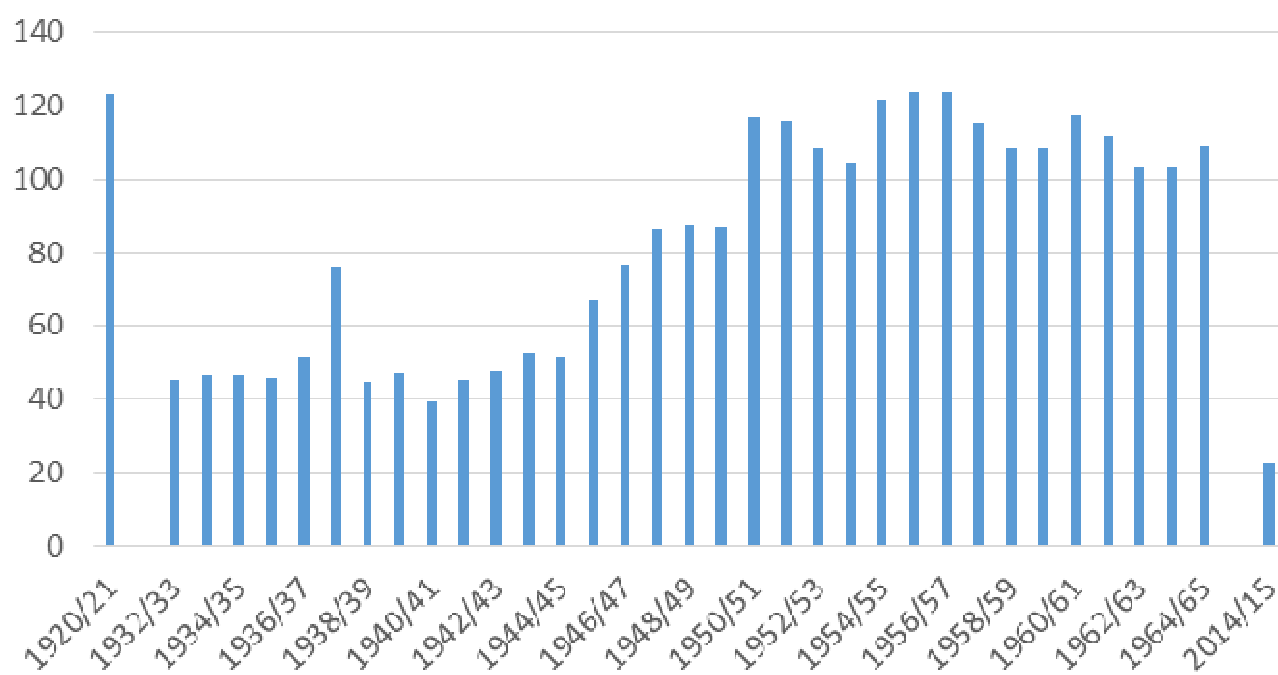
























































	1920s		1930s		1940s		1950s		1960s	
National Forest Inventory										
Research & Experience										
Forest policy										
Extension services										




Photo: LHFrvold




















































































Pulpwood timber prices, spruce, in 2015-euros



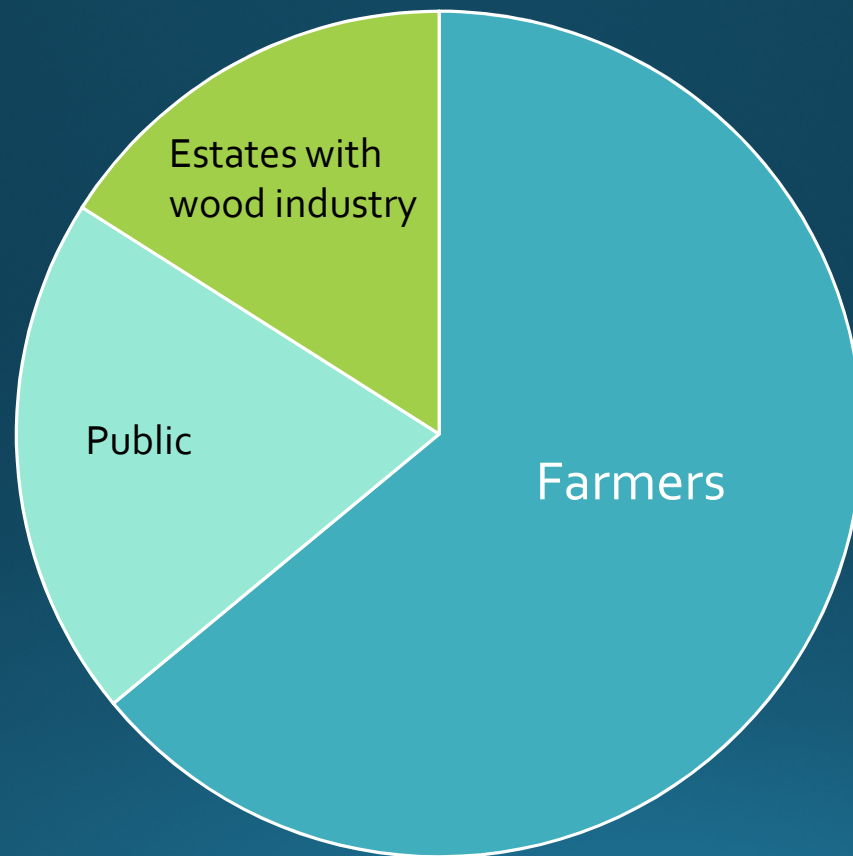
	1920s		1930s		1940s		1950s		1960s	
National Forest Inventory										
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Forest policy										
Extension services										
Prices of small logs	  	 	 	 						































































































	1920s		1930s		1940s		1950s		1960s	
National Forest Inventory		🚶	🚶	🚶	🚶	🚶	🚶	🚶	🚶	🚶
Research & Experience	🚶	🚶	🚶	🚶	🚶	🚶	🚶	🚶	🚶	🚶
Forest policy	🚶	🚶	🚶	🚶	🚶	🚶	🚶	🚶	🚶	🚶
Extension services	🚶	🚶	🚶	🚶	🚶	🚶	🚶	🚶	🚶	🚶
Prices of small logs	🚶	🚶	🚶	🚶	🚶	🚶	🚶	🚶	🚶	🚶
Mechanisation of logging							🚶	🚶	🚶	🚶
Forest road construction					🚶	🚶	🚶	🚶	🚶	🚶

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National Forest Inventory										
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Extension services										
Prices of small logs	  	 	 	 						
Mechanisation of logging										
Forest road construction										
Lack of nursery stock										
Livestock grazing										

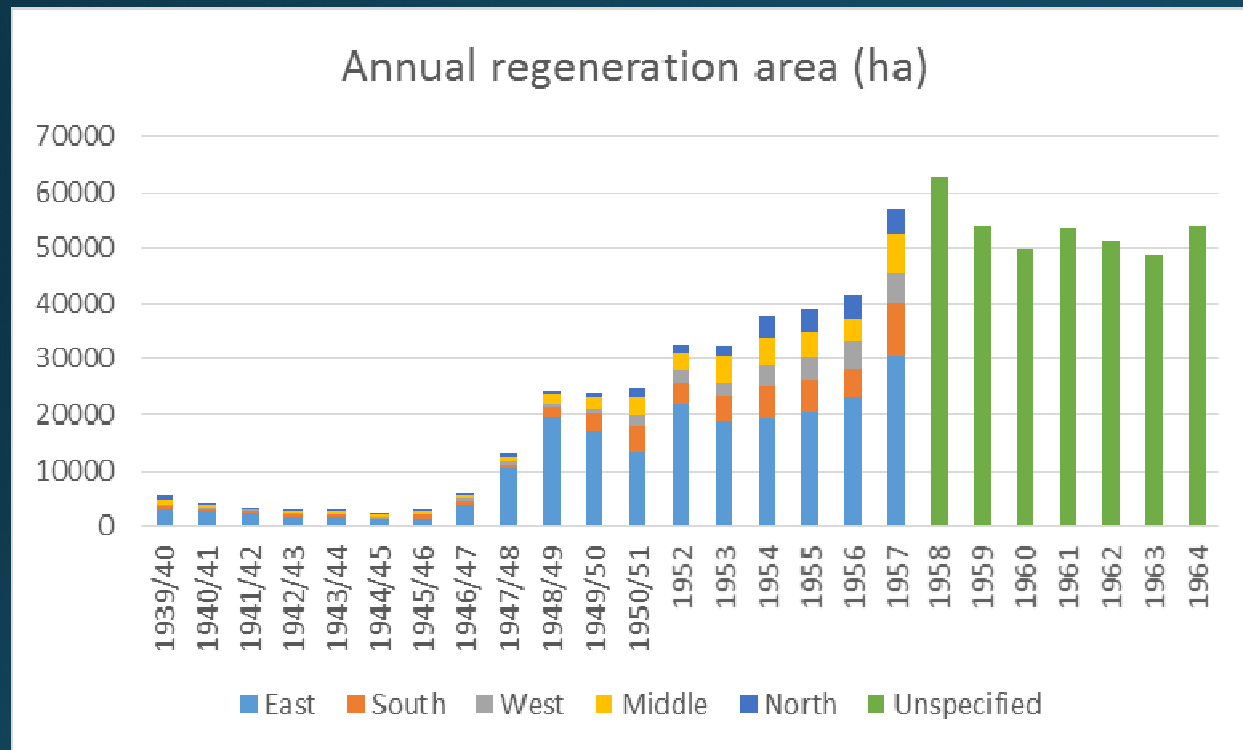
Forest area by ownership (1927)



	1920s		1930s		1940s		1950s		1960s	
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Prices of small logs	 									
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Forest road construction										
Lack of nursery stock										
Livestock grazing										
Minds of farm forest owners						 	 	 		



Statistics



Data collected by the Ministry of Agriculture



Modified map from www.d-maps.com



Photo:
LHFrivold

Brandbu
2006