

TREE PLANTATIONS ARE NOT FORESTS

LESS CLEARCUTTINGS -
MORE CLEAR THINKING



THE DIVERSITY IS THE SOLUTION







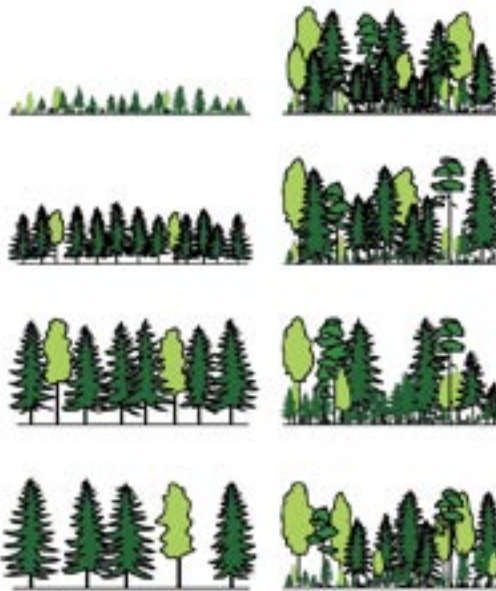
Naturally developed forests are mostly mixed and uneven-sized. Saving such forest is the basis for good forestry







The other basis is ecologically sound and sustainable silvicultural practises.

Even-sized management:
clearcut and low thinning
are used.

-  Wood production varies strongly trough rotation; in regeneration stage low.
-  Stand structure monotonous.
-  Wood quality often low.
-  Multiple use value varies and is often low.



Uneven-sized system:
single tree selection is used.

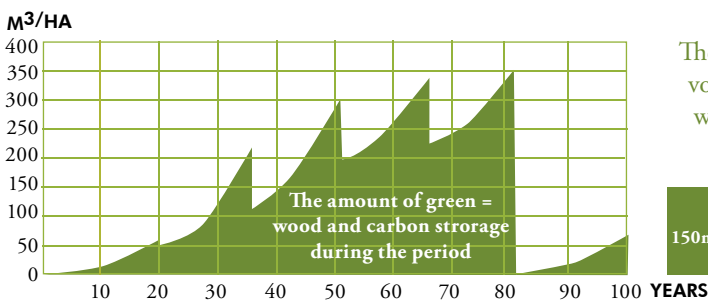
-  Wood production even, in general higher.
-  Biodiversity good.
-  Wood quality high.
-  Multiple use value good.



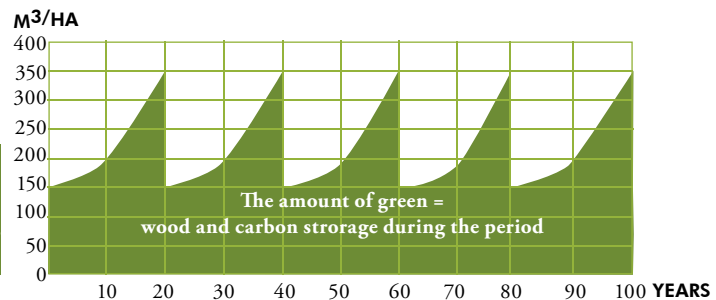
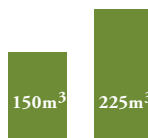
700m³/ha

Wood production/80 years

800m³/ha



The average volume of wood/ha



By the last findings organic uneven-sized management sustains bigger carbon storage and achieves greater annual growth than plantation model. These results are from the best soils in southern Finland. For more information, contact e.g., professor of silviculture Erkki Lähde (e-mail:erkki.lahde@metla.fi). Read more and join in discussion on alternatives in People's Forest Forum workshop <http://elonmerkki.net/forestforum/>