

Appendix 4. Sequestration rates of carbon pools.

Table A4.1. Annual carbon sequestration rates for different carbon pools. Shown are mean values for the trend scenario. Values are higher in the climate scenario and lower on afforestation sites as described in the text.

Forest type	Growth rate [m ³ wood/ha y]	Above ground biomass [t CO ₂ /ha y]	Below ground biomass [t CO ₂ /ha y]	Dead wood [t CO ₂ /ha y]	Soil carbon on new afforestation sites [t CO ₂ /ha y]
Small stock of wood	2.88	3.27	0.78	0.96	1.6
Medium stock of wood	4.32	4.90	1.18	1.44	1.6
Large stock of wood	5.92	6.71	1.61	1.92	1.6
Very large stock of wood	6.24	7.08	1.70	2.08	1.6