

Annex 3.

Results the flow between the processes (Figure 3), within three different scenarios (Table 4).

Source	Target	Product	Unit	Amount		
				Reference	Scenario 1	Scenario 2
Conventional forest management in Kronoberg	Final felling with harvester (CTL)	Conifers for final felling	m3	1624064,2	1543026,3	1543026,3
Conventional forest management in Kronoberg	Final felling with harvester (CTL)	Deciduous trees for final felling	m3	64365,7	61154,0	61154,0
Chipping of residues at roadside	Transport of dried chips from roadside to CHP plant	Dried chips at roadside	tonnes	59933,7	180319,9	223716,5
Thinning with harvester (CTL)	Extraction of deciduous residues with forwarder to roadside	Deciduous residues in forest	m3	0,0	0,0	98032,9
Final felling with harvester (CTL)	Extraction of deciduous residues with forwarder to roadside	Deciduous residues in forest	m3	0,0	0,0	10458,7
Thinning with harvester (CTL)	Extraction of coniferous residues with forwarder to roadside	Coniferous residues in forest	m3	83786,4	252084,6	252084,6
Final felling with harvester (CTL)	Extraction of coniferous residues with forwarder to roadside	Coniferous residues in forest	m3	66047,8	198715,1	198715,1
Conventional forest management in Kronoberg	Remaining forest after management	Trees in protected forests	m3	12795460,0	12156990,0	12156990,0
Conventional forest management in Kronoberg	Remaining forest after management	Remaining deciduous trees	m3	11329912,3	10764570,4	10764570,4
Conventional forest management in Kronoberg	Remaining forest after management	Remaining conifers	m3	72391350,1	68779154,4	68779154,4

Annex 3 (Cont.).

Source	Target	Product	Unit	Amount		
				Reference	Scenario 1	Scenario 2
Leaving coniferous residues in the forest	Remaining forest after management	Coniferous residues in forest	m3	474475,2	142357,8	142357,8
Leaving deciduous residues in the forest	Remaining forest after management	Deciduous residues in forest	m3	150249,2	142752,1	34260,5
Forest growth in Kronoberg	Remaining forest after management	Annual increment in Kronoberg	m3	4,0	4,0	4,0
Transport of dried chips from roadside to CHP plant	Combustion at CHP plant	Chips at plant	tonnes	59933,7	180319,9	223716,5
Conventional forest management in Kronoberg	Thinning with harvester (CTL)	Conifers for thinning	m3	1215428,7	1154781,0	1154781,0
Conventional forest management in Kronoberg	Thinning with harvester (CTL)	Deciduous trees for thinning	m3	372235,3	353661,5	353661,5
Drying of residues at roadside all tree species	Chipping of residues at roadside	Dried residues at roadside	tonnes	59933,7	180319,9	223716,5
Final felling with harvester (CTL)	Extraction of harvested large-dimensioned timber to roadside	Large dimensioned coniferous timber in forest	m3	975287,2	926622,2	926622,2
Final felling with harvester (CTL)	Extraction of harvested large-dimensioned timber to roadside	Large dimensioned deciduous timber in forest	m3	37991,3	36095,6	36095,6
Extraction of coniferous residues with forwarder to roadside	Drying of residues at roadside all tree species	Conifer residues at roadside	m3	149834,3	450799,7	450799,7

Annex 3 (Cont.).

Source	Target	Product	Unit	Amount		
				Reference	Scenario 1	Scenario 2
Extraction of deciduous residues with forwarder to roadside	Drying of residues at roadside all tree species	Deciduous residues at roadside	m3	0,0	0,0	108491,6
Thinning with harvester (CTL)	Leaving coniferous residues in the forest	Coniferous residues in forest	m3	265323,7	79605,7	79605,7
Final felling with harvester (CTL)	Leaving coniferous residues in the forest	Coniferous residues in forest	m3	209151,4	62752,2	62752,2
Thinning with harvester (CTL)	Extraction of harvested small-dimensioned timber to roadside	Small dimensioned coniferous timber in forest	m3	910733,3	865289,3	865289,3
Thinning with harvester (CTL)	Extraction of harvested small-dimensioned timber to roadside	Small dimensioned deciduous timber in forest	m3	279796,9	265835,5	265835,5
Final felling with harvester (CTL)	Extraction of harvested small-dimensioned timber to roadside	Small dimensioned coniferous timber in forest	m3	406369,7	386092,6	386092,6
Final felling with harvester (CTL)	Extraction of harvested small-dimensioned timber to roadside	Small dimensioned deciduous timber in forest	m3	15829,7	15039,8	15039,8
Thinning with harvester (CTL)	Leaving deciduous residues in the forest	Deciduous residues in forest	m3	135765,1	128990,6	30957,8
Final felling with harvester (CTL)	Leaving deciduous residues in the forest	Deciduous residues in forest	m3	14484,2	13761,4	3302,7