Extended Data Table 1 | Biomass stocks per type of land use

	Area	Potential Biomass Stocks		Actual Biomass Stocks		Difference	Contribution to difference
	[Mkm²]	[PgC]	[kgC m^{-2}]	[PgC]	[kgC m^{-2}]	[%]	[%]
Total	**130.4**	**876-906**	**6.7-6.9**	**407-476**	**3.1-3.6**	**48-54%**	**100%**
Infrastructure	***1.4***	***12***	***8.6-8.7***	***1***	***0.7***	***92-93%***	***2-3%***
Cropland	***15.2***	***139-141***	***9.2-9.3***	***10***	***0.6***	***93%***	***28-31%***
Grassland and grazing land	***54.3***	***374-379***	***6.9-7.0***	***119-121***	***2.2***	***69-70%***	***54-60%***
Forests	***40.7***	***443-460***	***10.9-11.5***	***297-368***	***7.3-9.0***	***22-33%***	***23-31%***
Unused non-forest land	***26.2***	***16-17***	***0.6***	***16-17***	***0.6***	***0%***	***0%***
Land cover change (LCC)							
Cropland	15.2	139-141	9.2-9.3	10	0.6	93%	28-31%
Artificial grasslands	11.3	114-116	10.1-10.3	7	0.6	94%	23-25%
Infrastructure	1.4	12	8.6-8.7	1	0.7	92-93%	2-3%
Land management (LM): forest management							
Used forests							
tropical	22.3	311-327	14.0-14.7	192-251	8.6-11.3	23-38%	18-25%
temperate	5.4	51	9.3-9.4	33-35	6.1-6.4	32-34%	4%
boreal	7.0	40-41	5.7-5.8	30-32	4.2-4.6	21-25%	2%
Subtotal forest management	*34.7*	*401-419*	*11.6-12.1*	*255-318*	*7.3-9.2*	*24-36%*	*23-31%*
Land management (LM): grazing							
Other wooded land, grasslands-tree mosaics							
tropical	14.6	109-110	7.5	47	3.2	57%	13-15%
temperate	4.0	11	2.8-2.9	5-6	1.2-1.4	50-58%	1-2%
boreal	2.9	10	3.4-3.5	5	1.5-1.7	51-56%	1%
Natural grassland w/o trees	14.2	21	1.5	19	1.3	11-13%	0-1%
Subtotal grazing land	*35.7*	*151-153*	*4.2-4.3*	*75-76*	*2.1*	*50-51%*	*16-18%*
No biomass stock change							
Wilderness, productive, w/o trees	9.7	16-17	1.6-1.7	16-17	1.6-1.7	0%	0%
Unused forests	6.0	42-50	7.0-8.3	42-50	7.0-8.3	0%	0%
Unproductive area	16.5	-	-	-	-	0%	0%
Land cover change (LCC)	**27.8**	**265-269**	**9.5-9.7**	**17.1**	**0.6**	**94%**	**53-58%**
Land management (LM)	**56.2**	**553-572**	**7.9-8.1**	**312-374**	**4.7-5.6**	**31-40%**	**42-47%**

Ranges indicate the difference between the estimates based on FRA and on ref. 16. Mkm^2, million km^2.