

Zambia: Estimates of Past Emissions Losses Resulting from Tree Cover Losses

Below is a quick analysis of the tree cover losses (ha) and the associated emission estimates. Please note that the estimates are based on district level data. There is no disaggregated data at chiefdoms level. Hence, the subsequent interpretations should be done carefully so that the selection of the chiefdoms are picked based on existing local knowledge on the restoration potentials that can be derived from the tree cover loss extents.

Based on the loss rates, Mansa, Lundazi, Chipata, Samfya, Mambwe and to some extent Namwala seem districts with reasonable potential. However, this is only one aspect of the potential, as realizing the potential requires site specific biophysical, social and climatic attributes of the districts.

Organization	Province	District	2001-2020 tree cover loss (ha)	Emission equivalent (Mtco2)	Rank based on emission potential
Total Land Care	Luapula	Mansa	52,900	19.50	1
SHA	Eastern	Lundazi	15,000	4.19	2
Total Land Care	Luapula	Samfya	11,700	3.69	3
SHA	Eastern	Chipata	10,400	3.10	4
SHA	Eastern	Mambwe	7,510	2.16	5
World Vision Zambia	Southern	Namwala	4,960	1.11	6
SHA	Eastern	Katete	2,670	0.83	7
COMACO	Lusaka	Luangwa	2,610	0.66	8

Kindly note, some district names could not be located. It is good to provide alternative names e.g., old names when available.