

# Supplementary Materials

*Table S1. List of activities included in the FRELs submitted by the countries to the UNFCCC, as of September 2020, and contribution (%) of degradation to gross forest emissions in countries that include degradation reference levels.*

Country	Deforestation	Degradation (by canopy cover change)	Degradation (by specific drivers)	Enhancements (A/R*)	Enhancements (forest remaining forests)	Sustainable Forest Management	Contribution (%) of degradation to gross emissions
Argentina	x						
Bangladesh	x	x		x	x		10.0%
Belize	x	x		x			
Bhutan	x			x		x	
Brazil	x						
Burkina Faso	x	x		x	x		19.5%
Cambodia	x			x			
Chile	x		x	x	x		73.0%
Colombia	x						
Congo	x		x				44.0%
Costa Rica	x			x			
Côte d'Ivoire	x			x			
Democratic Republic of the Congo	x						
Dominican Republic	x	x		x	x		5.9%
Ecuador	x						
Equatorial Guinea	x		x				60.5%
Ethiopia	x			x			
Ghana	x		x	x			34.0%
Guinea-Bissau	x						

Guyana	x		x			28.0%
Honduras	x	x		x		32.0%
India					x	
Indonesia	x	x				
Kenya	x	x		x	x	17.6%
Lao People's Democratic Republic	x	x		x	x	66.0%
Liberia	x	x				61.4%
Madagascar	x					
Malawi	x		x	x		70.7%
Malaysia	x				x	
Mexico	x	x				9.3%
Mongolia	x		x	x	x	63.5%
Mozambique	x					
Myanmar	x			x		
Nepal	x		x	x		30.5%
Nicaragua	x	x		x		13.9%
Nigeria	x					
Pakistan	x					
Panama	x		x	x		
Papua New Guinea	x		x			86.4%
Paraguay	x					
Peru	x					
Solomon Island	x		x	x		94.9%
Sri Lanka	x			x		
Sudan	x			x		
Suriname	x		x			24.0%
Togo	x			x		
Uganda	x					

United Republic of Tanzania	x					
Viet Nam	x	x		x		x
Zambia	x					

\*A/R, Afforestation/Reforestation.

Table S2. Uncertainty, carbon pools, and gases included in the FRELs submitted by countries to the UNFCCC, as of September 2020.

Country	Reported FREL uncertainty				Included carbon pools			Gases included	
	<10%	10%-20%	>20%	Not provided	Living biomass pools only	Living and dead biomass pools	Biomass and soil pools	CO <sub>2</sub> only	CO <sub>2</sub> and non-CO <sub>2</sub> gases
Argentina		x			x			x	
Bangladesh			x		x			x	
Belize				x	x				x
Bhutan		x					x		x
Brazil				x		x		x	
Burkina Faso				x			x	x	
Cambodia				x	x			x	
Chile			x			x			x
Colombia			x				x*	x	
Congo				x		x		x	
Costa Rica			x			x			x
Côte d'Ivoire				x		x		x	
Democratic Republic of the Congo	x				x			x	
Dominican Republic			x				x	x	
Ecuador				x		x		x	
Equatorial Guinea			x			x		x	

Ethiopia	x		
Ghana	x	x	x
Guinea-Bissau	x	x	x
Guyana	x	x	x
Honduras	x	x	x
India	x	x	x
Indonesia	x	x**	x
Kenya	x	x	x
Lao People's Democratic Republic	x	x	x
Liberia	x	x	x
Madagascar	x	x	x
Malawi	x	x	x
Malaysia	x	x	x
Mexico	x	x	x
Mongolia	x	x	x
Mozambique	x	x	x
Myanmar	x		x
Nepal	x	x	x
Nicaragua	x	x	x
Nigeria	x	x	x
Pakistan	x	x	x
Panama	x	x	x
Papua New Guinea	x	x	x
Paraguay	x	x	x
Peru	x	x	x
Solomon Island	x	x	x
Sri Lanka	x	x	x
Sudan	x	x	x

Suriname	x	x	x
Togo	x	x	x
Uganda	x	x	x
United Republic of Tanzania	x	x	x
Viet Nam	x	x	x
Zambia	x	x	x

\* only living biomass and soil carbon pool; \*\* only aboveground biomass and soil carbon pool.