Supplementary Table S2. Matrix score calculation used for value chain actors for whom secondary data was applied.

Type of data	Actor	Subcategory	Variable category	Indicator	Target criteria description	Score Source Manabí	Score Source Napo	Max_Value source	Score Manabí	Score Napo	Secondary data source	Link of reference
Secondary data from Ecuadorian official institutions regarding local communities and society	Local Communities	Access to public and community infrastructure	V23	Access to public and community infrastructure	Percentage of the population that believes it has access to quality public and community services	6	6.5	10	4	4	Index of perception of the quality of public and community services in general	https://www.ecuadorencifras.gob.ec/d web-inec/Encuestas_Ambientales/Calidad_ vicios_publicos/2024/diciembre/2024 _servicios_publicos.pdf
		Safe and healthy living conditions	V24	local and regional basic service coverage (water, electricity, and sewerage)	Percentage of coverage of the basic service for the communities	70.4	76.65	100	4	5	Average percentage of access to basic services (water, electricity, sewerage, and garbage collection)	https://cubos.inec.gob.ec/AppCensoEc
		Respect of indigenous rights	V25	Rights conflicts	Percentage of the population that does not feel discriminated against or mistreated in society	60.4	50.5	100	4	3	National Survey on Equality and Rights in Ecuador	https://www.igualdad.gob.ec/wp-content/uploads/downloads/2018/03/a pdf
		Community engagement	V26	Actions to promote community engagement	Existence of legal frameworks and conditions to exercise their rights of association and associative work.	80	80	100	5	5	Freedom of association is guaranteed by the Constitution and governed by the Civil Code and Executive Decree 193	https://www.gob.ec/sites/default/files/ 2018-10/Documento_Reglamento-Oto Personalidad-Jur%C3%ADdica-Organ Sociales.pdf https://data.seps.gob.ec/#/dashboards/a 19
		Local employment	V27	Employment statistics for Province	Percentage of the province population who has adequate employment.	31	10.3	100	2	1	Employee adjustment rate by province	https://app.powerbi.com/view?r=eyJrI QyMDUtMzg0Zi00MzI0LTk5NWEtY M2YyYjdlIiwidCI6ImYxNThhMmU4 MtNDQwNi1iMGFiLWY1ZTI1OWJ 9
	Society	Contribution to economic development	V28	Contribution of bamboo sector to economic progress (country level)	Percentage contribution of the forestry sector to the country's agricultural GVA	13	13	100	1	1	Percentage of agricultural GDP	National Bamboo Strategy 2018-2022
		Prevention and mitigation of armed conflicts	V29	Presence of violence in the territories	Percentage of the perception of the national population that feels safe in the public spaces	35	35	100	2	2	National survey on perceptions of insecurity	https://insightcrime.org/wp-content/uploads/2023/08/2023_Global _Order_Report.pdf

		Technology development	V30	Local, national, and international institutions promote the development of productive chains such as bamboo.	Existence of local, national, and international institutions and instruments that help to promote the development of bamboo.	70	70	100	4	4	Existence of regulations and toolkits that promote sustainable bamboo production and construction in Ecuador	https://bambu.com.ec/publicaciones/ https://bambu.com.ec/wp-content/uploads/2022/11/INBAR-Caja-Herramientas-HighRes.pdf
		Corruption	V31	Risk of corruption in the region/country	Low index of corruption perception	34	34	100	2	2	Corruption Perceptions Index	https://www.transparency.org/en/cpi/2/ecu

Source: Authors' compilation from secondary sources; references are provided on the table.