

Appendix C – Information overview

Description of the seven case studies with the information acquired for this thesis for a facilitated overview and comparison between the visited case studies.
 – means the lodge did not measure or perform this aspect, while * means data was not acquired during the visit

	Aspect	RAINFOREST		COAST	CLOUD FOREST		HIGHLAND	
		Sani	NWC	Alándaluz	Maquipucuna	Bellavista	Polylepis	BSI
Miscellaneous	Lodge owned by	Native tribe	Native tribe	International group of 50 co-owners	Ecuadorian foundation	British/Colombian couple	Ecuadorian Man	American couple
	Opened in	2001	2003	1989	1995	1995	2003	1995
	Average no. of guests per night (in year)	*	6 (*)	ca 70 (*)	4.5 (*)	19 (2008)	19 (2008 est.)	10 (2008)
	Average duration of stay	4 days, 3 nights	4 days, 3 nights	*	*	*	1 day	*
Construction	Max. guest capacity	34	36	150	40	50	50	30
	No. of buildings ¹	11 + campsite	14	27 + campsite	3	7	13	5
	Main building materials	Wood, leaves, concrete	Wood, adobe, leaves, concrete	Bamboo, stone, leaves, concrete	Wood, leaves, concrete	Wood, stone, brick, leaves, concrete	Stone, wood, grass, concrete	Wood, adobe, tiles, grass, stone, concrete
	Type of design	Local traditional, passive	Adjusted traditional, some passive	Adjusted traditional, some passive	Adjusted traditional, passive	Mixed, some passive	Adjusted traditional	Adjusted traditional

¹ Includes buildings with tourist access, such as cabins, dining room/restaurant, main building/reception building, etc.

		RAINFOREST		COAST	CLOUD FOREST		HIGHLAND	
		Sani	NWC	Alándaluz	Maquipucuna	Bellavista	Polylepis	BSI
Water	Monitors consumption	No	Yes	Yes	No	No	No	Yes
	Average consumption	16 m ³ /week	35 m ³ /week	42 m ³ /week (high season)	-	-	-	-
	Main water source	Groundwater	Surface water (freshwater lake)	Municipal system	Groundwater + rainwater	Natural springs	Surface water (páramo)	Town system, natural spring, rainwater, pond
	Water harvesting	No	Yes	No	Yes	No	No	Yes
	Potable water source	Buy purified in Coca	Buy purified in Coca	Buy purified in Puerto López	Boiled groundwater	Buy purified in Quito	Buy purified + boil local	Ozone treated local water
	Kind of toilet	WC	WC	WC	WC	WC	WC	Composting
	Private bathrooms	In all rooms	In all rooms	In some rooms	In some rooms	In some rooms	In all rooms	In some rooms
	Grey water treatment	Septic tanks, with the black water	Septic tanks, with the black water	Grease + sand filters, with the black water	Sedimentation tank + wetland	Existing but dysfunctional	Biodigester tanks, with the black water	Coal/rock filters, on to flower bed
	Black water treatment	Septic tanks + sand filters	Septic tanks + wetland	Grease + sand filters	Septic tank + wetland	Filtering septic tanks	Biodigester tanks	Produce no black water
	Biodegradable products	Soap	Soap	Soap	Soap	Soap + Shampoo	*	All

Energy	Monitors consumption	No	Yes	Yes	Yes	Yes	No	(Yes)
	Main power source	Solar, diesel generator, gas	Diesel generators gas, solar	General grid, gas	General grid, gas	General grid, gas	General grid, gas, wood	General grid, solar, gas, wood
	Annual electricity consumption	-	33,800 kWh	23,112 kWh	16,500 kWh	13,100 kWh	-	3,600 kWh
	Conservation policies	No	Yes	Yes	No	Yes	No	Yes
	Gas tanks used (25-35 kg/tank)	*	*	*	8-10/month	≈30/month	15-20/month	*
	Light bulbs used	Energy saving	Energy saving and regular	Energy saving and regular	Energy saving	Energy saving	Energy saving and regular	Energy saving

		RAINFOREST		COAST	CLOUD FOREST		HIGHLAND	
		Sani	NWC	Alándaluz	Maquipucuna	Bellavista	Polylepis	BSI
Food	Main source	Long distant	Long distant	Local	Local	Distant	Distant	Local
	Serve red meat	Daily	Daily	Not on menu	Sometimes	Sometimes	Daily	Never
	Serve vegetarian	On demand	On demand	On menu	Sometimes	Sometimes	On demand	Daily
	Produce own food	No	No	Vegetables and some meat	Most vegetables	Some, though remote	No	Most vegetables
Waste	Monitors production	No	Yes	No	No	Yes	No	Yes
	Avg. amount produced	-	816 kg/month	-	-	233 kg/month	-	23 kg/month
	Separates ²	Inorganic, organic, recyclables	Plastic, metal, glass, paper, organic	Plastic, toilet paper, organic	Organic	Plastic, paper, glass, organic	-	Plastic, metal, glass, cardboard, paper, organic
	Recycling system available	Distant municipal	Distant municipal	Local municipal	Distant municipal	Distant municipal	Distant municipal	On site + Local facility
	Compost on site	No	Yes	Yes	Yes	Yes	No	Yes
Staff	Number of onsite staff	12-30	36	38	12	13-18	2-4.5	9.5
	Number of guests per staff when full	1.1	1	4	3.3	2.8	11.1	3
	Staff members that are women	10-25 %	10-25 %	27 %	25 %	≈50 %	50 %	68 %
	Origin of majority of staff	Local	Local	Regional	Local	National	Regional	Local
	Staff accommodation	Yes	Yes	No	Yes	Yes	Yes	No
	Work schedule	*	*	*	*	22 days, 8 days off	15 days, 2 days off	*
	Salary	*	*	*	*	*	*	*

² Organic waste here means a majority of leftovers and food waste from kitchens.

		RAINFOREST		COAST	CLOUD FOREST		HIGHLAND	
		Sani	NWC	Alándaluz	Maquipucuna	Bellavista	Polylpis	BSI
Community	Distance to nearest community	3.5 hrs by boat	3 hrs by boat	1 km	3 km	3 km	13 km	0.5 km
	Cooperation/Support	All profit to community	All profit to community	Youth groups, volunteers	Women's handicraft co-op, organic coffee plantation, volunteers	None	None	Recycling center, library, computers, English classes
Tourist education	Information sharing	Active: info speech + guiding	Active: info speech & video + guiding	Passive: board + signs	Active: info speech & video + guiding	Active: guiding	Active: guiding	Active: guiding + brochures
	Inform about	Environment, culture, society	Environment, culture, society	Local societies	Environment, (society)	Environment	(Environment)	Environment, culture, society
Certifications	Hold following certifiactions	Has applied for SV ³	SV, BP ⁴ , has applied for ISO 14001	SV	(SV) ⁵	SV	SV	ASEC ⁶
	Certification(s) since	-	BP: Mar 2008 SV: Oct 2008	Oct 2007	2006	June 2007	Nov 2007	2003
	Member of ASEC (type of membership)	No	Yes (lodging)	Yes (lodging)	Yes (NGO)	Yes (lodging)	Yes (lodging)	Yes (lodging)
Conser vation	Clear cons. principle	Yes	Yes	No	Yes	Yes	Yes	No
	Protected land	39,000 ha	*	300 ha	6,000 ha	400 ha	≈10 ha	-

³ SV = Smart Voyager, managed by Conservación y Desarrollo and Rainforest Alliance. See chapter 2 and 4 for explanation and discussion.

⁴ BP = Buenas Practicas para Turismo Sostenible en Bosques Tropicales (= Good practices for sustainable tourism in tropical forests), managed by Rainforest Alliance, Conservation International, Global Environment Facility, and United Nations Environment Program (UNEP).

⁵ ASEC = Asociación Ecuatoriana de Ecoturismo (the Ecuadorian ecotourism association) certifies in conjunction with the Ecuadorian Ministry of Tourism.

⁶ Maquipucuna holds a specified, smaller version of the Smart Voyager certification for educating locals in biology and English so that they will be able to guide tourists in English. This mainly concerns the lodge's social and economic sustainability but not the environmental.