

Person	Community/ Affiliation	Age Range	Quotes	Personal Profile Notes
1	Loja, Ecuador/ FEPP	50+	"Cement buildings are like coca-cola. They're readily available, but not good for you"	Strongly believes in culture conservation
			"Building a home is like building a life"	People are becoming materialistic/ want things fast
			"For every bamboo plant cut down, you can grow three in its place quickly. For every tree, you tear down an entire ecosystem that took years to build up"	He likes permaculture
				Most architects don't want to wait to use adobe. Want to be paid fast.
				Sleeps in adobe house for warmth
2	San Rafael de Zharug	40+	"People are getting bored of adobe"	Prefers cement to adobe
				Believes old volunteers were lazy - blames fallen auditorium on this
				Believes that the new auditorium and playground constructions on Loma de Ileen are nice escapes for relaxing
				New generation has its preferences – doesn't know how to feel about it
				Grew up in poverty. Worked in the camps until the workers from Azuay Prefectura created a need for a food business

Person	Community/ Affiliation	Age Range	Quotes	Personal Profile Notes
3	Tullosiri	40+	Made own house with neighbors	
4	Dagnia	30+		Likes the construction in Loma de Ileen, a family area that is beautiful in the summer; people don't go out much in the winter
				First started building house in 2003
				Hired a maestro to build
5	Chaguar	50+	"Cement is easier"	ASKED FOR HELP REPLACING ROOF AND SINK - Apologized and explained that we may not be able to without the training - She is fine and understands
				Hired maestro for adobe and engineer for cement
6	Chaguar/ Maestro (Contractor)	25+	"Cement is cleaner"	Lives with Doña Maria
				Ran out of material for Adobe 1: between walls and roofing
				Recognize Adobe 1 as not well-built
7	Dagnia	70+	"Dagnia is an agricultural community."	Has a store on first floor of house

Person	Adobe	Cement	Adobe + Cement Coat	Bamboo	Wood
1	Temperature-stable	x	x	Environmental Sustainability	
	Healthy				
2	Temperature-stable	Less space-taking		Not readily available since it's from the coast	Not a lot of wood available – Bambil is in la Costa, Eucalyptus is found in Pucara
	Thick	Keeps kitchen cool			
	Resistant	Aesthetically pleasing			
3	Less Accessible (Need very dry earth in order to make)	Cement is not cold enough to not like to use it in buildings	Cement smoothing can start to degrade and fall off of adobe bricks	x	
	Less Clean (Walls crumbling when little boy played with them)		Cement on her adobe house lasted 8 years		
4	Older than Cement Part (15 years old - Started in 2003)	Newer than Adobe Part (7 ears old - Started in 2010)	Visible on some parts of the house	x	2nd floor is made of wooden tablets
	Naturally sourced	Faster but more expensive	There was a cement beam with iron inside supported by a PVC pipe column		Beams supporting the roof
	Cost-effective	Got sand and cement from El Pasaje			Preferable to ceramic because it's less expensive
	Took 1 month to construct				

Person	Wood	Windows	Roofs	Floors	Their House is Made Of...
5	Newer than Cement Part (Adobe Part 1: 4 years old Adobe Part 2: 3 years old)	Older than Cement Part (Cement Part: 10 years old)	x	x	Wooden framing and roofing/teje
	Heavy	Metal framing			
	Wooden framing	Roof cemented into wall - no spaces			
	Adobe and Cement: Cost about the same: \$20/day and 15-20 days to build				
	Later from son: Cost depends on size and material				
6	Adobe is wrought, stirred, dried, and molded	Clean	x	x	x
	Temperature-stable	Protects from humidity			
	Healthy				
	Deteriorates in water				
	Currently Unpopular				
7	Adobe House with Cement Lucido	Keeps humidity from chipping cement coating			Wooden framing and roofing/teje
8					Wooden doorframe
9	Adobe House: 22 years old	Cement House: 10 years old	\$1/ Adobe Block	x	
	Water deteriorates adobe	Column keeps house standing	\$0.45/ Cement block		
	Adobe becomes humid during flooding				

Person	Wood	Windows	Roofs	Floors	Their House is Made Of...
1		x	x	x	Part Adobe, Part Cement
2	Not a lot of wood available – Bambil is in la Costa, Eucalyptus is found in Pucara		Sand sacks and concrete to prevent roofs from flowing away	Cement cheaper than ceramic	Adobe and cement (kitchen is cement because it stays cooler)
		Windows – water does not get inside	Tarps are dangerous to put up but they do it to avoid replacing the roof completely	Dirt floors common in the fields, not as common in the centro	
			Ternil roofs are new		
			Before, “sin” and straw roofs (thinner) used, but degrade in wind and water over short period of time - require replacements (costs money)		
			Loza Ceramic roofing is costlier and leaks anyways, more of a decoration		
			Small creaks between walls and roof let in water		
3			Sin (Tin?) roofing – gets hot		Adobe and cement

Person	Wood	Windows	Roofs	Floors	Their House is Made Of...
4	2nd floor is made of wooden tablets	x	Sin (Tin?) - very good for roofing	Concrete/cement on first floor	Adobe and cement
	Beams supporting the roof		Quality sin is found at Duratecho which is nearby	Wooden tablets on second floor	"Hormigon" - concrete
	Preferable to ceramic because it's less expensive		Repaired roughly every 6 years due to weathering		
			Plastic tarp in some areas to help keep water out when it rains		
5	Wooden framing and roofing/teje		Tin roofs for both adobe parts of the house	Dirt floors out on patio	Two parts adobe, one part cement
			Ternil roof for cement part of the house is rusted	Cement floors inside house parts (except Adobe 1-- the one with the kitchen)	Paid maestro for adobe work and materials
			Rust may be caused by humidity (?) and lack of airflow (no spaces in the roofing)		Paid engineer for cement part of house
			Canals in roofing allow water to flow off of roof		
			Spaces between roofing and adobe wall make the adobe house cold at night		
6	x	x	Cost depend supon material	x	Two parts adobe, one part cement
			Takes 2-3 days to construt or repair		

Person	Wood	Windows	Roofs	Floors	Their House is Made Of...
7	Wooden framing and roofing/teje			Cement floor base	Adobe with Cement Lucido
8	Wooden doorframe			Wooden tablets on second floor	Wooden Framework
9			Tin		
			Weighed down by rocks and cement slabs		

Person	New Materials	Extra Notes	
		Normal	Changes
1	Bahareque – also used to build: https://es.wikipedia.org/wiki/Bahareque	Not much work available in San Rafael; Most people go to La Costa for mining	
	Barro – “tierra ascilosa que se pegue + stike de caballo”		
	Tierra Cemento – dirt, horse guano, and sometimes straw. Sometimes used in the camps/ fields		
2	Cayawama – large tree with spines on leaves, grows in Guaramal	Piedra de Chaguar – touristic site	Manos Unidos – U.S. organization that helped build the church
	Rock - interior	Society is calm, so looters breaking through cement is not much of a problem	Church interior is rock. Approximately 10 years old
		San Rafael has mainly occupied houses	Junta is 24 to 26 years old, cement
		Not many women migrants (2 or 3)	Miduvi – Ecuadorian organization that helped pay for the cement construction in her home
		Yellow building on 8 de diciembre (centro) – falling, but it’s protected under Patrimonio: Protected by the owners + the government – cannot be torn down, cannot be repaired with cement or other non-original materials. Must be adobe	No Jobs available
		Houses don’t usually have a business on the 1st floor	

Person	New Materials	Extra Notes	
		Encantarillados – working with bath water and pipelines	
3	Piles of rock to use for repairs and as weights for the roof	Windy summer (July – Jan?)	Youth – mandated by government to study for more years, can't work as much
		Rainy Winter (Jan – May)	Workforce diminished
			People rent houses instead of making their own
4	Hormigón - also known as a type of concrete, used inside the walls and for making the pillars	There are construction plans, but not typically followed (depending on the community)	Acquired a lot of materials from Pasaje
	PVC pipe - used to support a cement beam with iron inside. Covers an iron column to protect it from rust due to humidity	Maestro cares about the aesthetic, people tell him what they want in their house	They used nails to connect some parts of the structures rather than just no connections
		No concrete on second floors because it's too difficult to do, easier to use wood or tiles	
		Uses earth (tierra) to repair adobe because it's easy and readily available	
5	Teje - material for roofing	Potable water available in pipelines - no need for water collection	
		Maestro usually brings own workers	KS: No more mingas anymore?
6	x	Labor to build houses is about \$20/day depending on size and material	
7	Decorative Brick on front of house		

