



CAEMBA
Powered by Fundación Raíz Ecuador

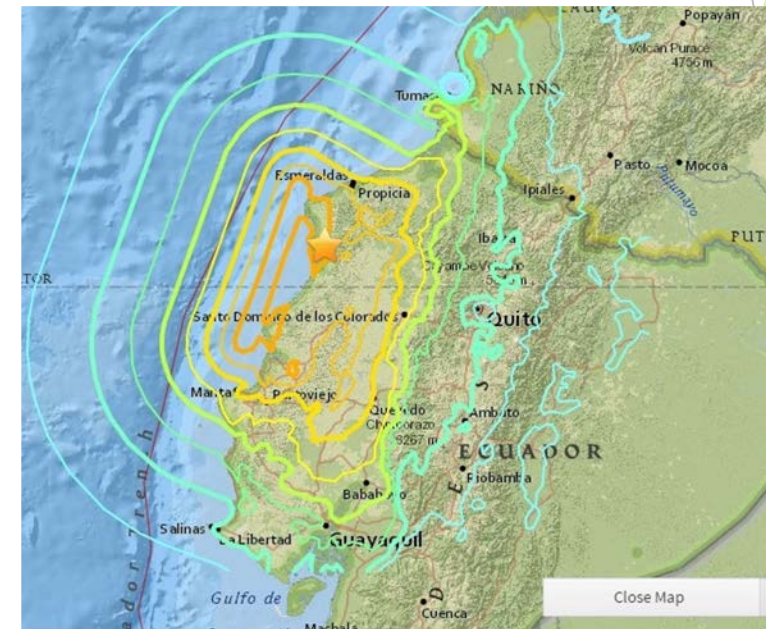
**Fundación Raíz Ecuador:
2016 – 20223
General history and volunteering**



And so CAEMBA became a force to transform lives and entire communities.

April 2016: Esmeraldas and Manabí, the provinces most affected by the earthquake in Ecuador

- ▶ On April 16, 2016, a powerful 7.8-magnitude earthquake struck off the coast of Ecuador, causing extensive damage in northern Manabí province and southern Esmeraldas.
- ▶ This earthquake left thousands of peasant and urban-rural families homeless, forced to seek shelter from the rain, the cold at night and insects.
- ▶ Fundación Raíz Ecuador - CAEMBA was born then from the earthquake of 2016.



April 2016: First CAEMBA prototype

- ▶ The first week after the earthquake, many Ecuadorians turned to help in different ways. The response was of great proportions.
- ▶ In our case, we thought that the best thing we could do is help the victims by sending prefabricated bamboo structures, with roofs made of light, inexpensive material that reflects the heat of the sun. This is how the CAEMBA concept: Emergency Bamboo Houses, was born.
- ▶ ***This is the first prototype, which was assembled 7 days after the earthquake. Its assembly took 4 hours and few tools were required to put it together.***



Social media played a fundamental role



Luego de 1 semana de arduo trabajo, hemos perfeccionado, tanto el diseño como el método constructivo de estos hogares emergentes. No les vamos a llamar albergues, porque cumplen con las condiciones básicas de un hogar campesino: 35 m2 de espacio interno que se puede dividir en 2 dormitorios, cocina y comedor. Las casitas cuentan con sistema de rec... [Seguir leyendo](#)



513 65 comentarios 1,211 veces compartido

- ▶ April 25, 2016: 9 days after the earthquake, the post of our first prototype had 1,211 shares on Facebook, which gave us wide visibility in Ecuador and abroad.



513

65 comentarios 1,211 veces compartido

Me gusta

Comentar

Compartir

Me gusta

Comentar

Compartir

2016 - 2017: From a shelter to a progressive house

Following the emergency response, CAEMBA set out to design long-term housing solutions. For this, the design of a new bamboo structure was made, adaptable to the environment of precarious settlements.



Anticipating that definitive housing could take years to arrive, the CAEMBA model was conceived as a progressive refuge, whose structure would serve as the basis for long-term housing.

2016 - 2017: How did the larger-scale production start?

- ▶ The infrastructure of an African palm producing farm was adapted to produce the prefabricated pieces. Its production capacity has increased.



The industrial bamboo production plant in 2023



It is located in the Santo Domingo - La Concordia road





Before and after



CAEMBA house

- ▶ In 2019 the design of the CAEMBA house was updated. This design allows the 43 m² houses to be assembled in a single day. The houses are delivered to the recipients with their respective basic finishes. In addition, the houses are spacious and cool to avoid the use of air conditioning equipment or fans, which would increase electricity consumption.



The total cost of a CAEMBA house is USD 4,500, depending on the land and the facilities, and it is built in only one day.

CAEMBA empowers vulnerable women







VOLUNTEERING FOR STUDENTS, FAMILIES OR FOREIGNERS

3,892 people have lived the experience of volunteering with CAEMBA.

OPTION 1: STUDENT - FAMILY PACKAGE

- Students must hold annual fundraising drives to raise the \$4,500 needed to build a CAEMBA house. If they raise more funds, they can build more than one house.
- To collect the funds, they can create campaigns on Go Fund Me, on their social media, by having parties, selling products or collecting in piggy banks. Creativity has no limits when it comes to raising the necessary funds for the construction of CAEMBA houses.
- Once the necessary funds to build the CAEMBA house or houses have been collected, the costs of accommodation, transportation and food for the volunteers who will attend the construction day in Manabí or Esmeraldas provinces must be added.

After we will indicate the costs

STUDENT - FAMILIES VOLUNTEERING

BENEFITS FOR STUDENTS AND SCHOOLS

- Thanks to the fundraising campaigns and the construction day of one or more CAEMBA houses, children develop empathy, solidarity and a sense of belonging to their school.
- After participating in this volunteering program with CAEMBA, students can show this social project in their applications to national or foreign universities, as well as to obtain scholarships.
- The CAS or community service departments of each school can standardize volunteering to replicate it each year among the students who wish to participate.





VOLUNTEERING
FOR FAMILIES
AND STUDENTS





VOLUNTEERING FOR FAMILIES, STUDENTS AND FOREIGNERS





**VOLUNTEERING FOR
FAMILIES, STUDENTS AND
FOREIGNERS**

PACKAGE 1: STUDENT OR FAMILY VOLUNTEERING RATES PER PERSON

El Acantilado Beach Hotel package

Below is the cost per volunteer of this package, which is from Friday to Sunday, since the constructions are carried out on Saturdays.

Total: USD 100

This package includes:

- 2 nights at El Acantilado Beach Hotel.
- 2 breakfasts.
- 2 dinners.
- 1 lunch at the construction site.
- Taxes.

Rates may vary depending on the construction site.



Transportation is at the volunteer's own expense.

PACKAGE 2: EXTENDED PACKAGE OF 5 NIGHTS AND 6 DAYS WITH HOUSE DONATION

Activities in the industrial bamboo plant/farm

- The first stage corresponds to stay 2 nights on the farm where volunteers will have the opportunity to get involved with the work that is carried out.
- Volunteers will sleep in a CAEMBA model house on the farm.
- They will learn about the process of harvesting, treatment (immunization) and the transportation of bamboo and other construction materials to the construction sites.
- They will learn a lot from the construction technicians and the farm staff.

Activities in Atacames

- The second stage corresponds to spend 3 nights in El Acantilado Beach Hotel, to learn about the project in Atacames.
- The volunteers will be involved in CAEMBA's field work in that canton. Marjorie Guerrero, director of field and social work, will guide you during your stay.
- The volunteers will visit our model neighborhood, Nueva Esperanza, where CAEMBA works hard. There is the House of Women's Entrepreneurship and more than 100 houses built in that specific area.
- The volunteers will build the CAEMBA house during the whole day on Saturday. They will be directly involved in the construction process and will deliver the house to the beneficiary family.
- Volunteers will also learn about other activities that CAEMBA develops such as the delivery of donations and visits to other areas where CAEMBA is currently working.

PACKAGE 2: EXTENDED PACKAGE OF 5 NIGHTS AND 6 DAYS WITH HOUSE DONATION

RATES PER PERSON

The cost per person is USD 855 per package.

This includes:

- Guide.
- Transportation.
- 2 nights in a CAEMBA house on our farm in La Concordia.
- 3 nights of accommodation in low season at El Acantilado Beach Hotel, Atacames.
- All meals in both places.
- Lunch on the day of construction.
- Tools and materials.
- Contribution to build a CAEMBA house.
- Taxes.

Note 1: To participate with this package, it is necessary that at least 9 volunteers participate, to achieve the amount of USD 4,500 per house.

Note 2: This rate will depend on the construction site.

Note 3: It is not mandatory to stay at El Acantilado. If you have another option in Atacames, you can make use of it. If you want to participate for less time, the accommodation costs and food charges will be modified. The activity begins and ends in Quito, Ecuador.



Option 3: Extended package without house donation

-There is also the possibility of being a volunteer without raising the USD 4,500 needed to build a CAEMBA house.

-This package is 5 nights and 6 days. The activities are divided between the CAEMBA farm located in La Concordia, Santo Domingo and the construction activities of the bamboo house in the province of Esmeraldas.

-You must assume the cost of accommodation, food and transportation.

-To live the experience of building a CAEMBA house, you will be subject to the fact that a donation has to be delivered to us in order to build a CAEMBA house. We will notify you one month in advance so that you can plan the trip.

-In the next two slides are the costs and detailed information.



Option 3: Extended package without house donation

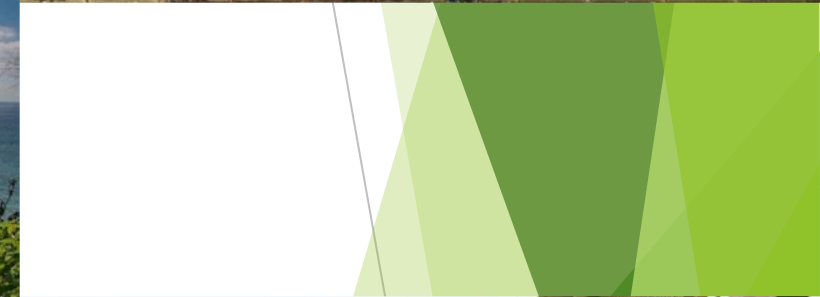
RATES PER PERSON

The cost per person is USD 355 for the entire package.

This includes:

- Guide.
- Transportation.
- 2 nights in a CAEMBA house on our farm in La Concordia.
- 3 nights of accommodation in low season at El Acantilado Beach Hotel, Atacames.
- All meals in both places.
- Lunch on construction day.
- Tools and materials.
- Taxes.

Note: If you are willing to participate for less time, the costs of accommodation and food charges will be modified. The activity begins and ends in Quito, Ecuador.









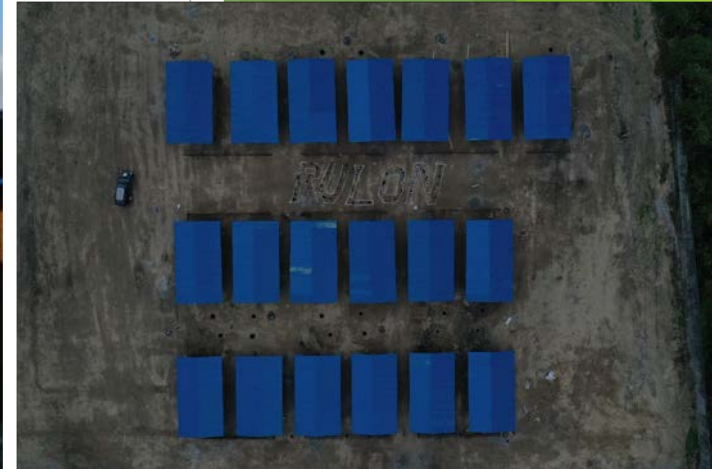
Construction of 31 casas in Esmeraldas in november 2022: We reached 510 CAEMBA houses



Construction of 31 houses in Esmeraldas in November 2022: We reached 510 CAEMBA houses.



Rulon construction, June 2022



26
JUN

**Terminamos la mega construcción con 31
casas concluidas**

<https://bit.ly/3yCGTSP>

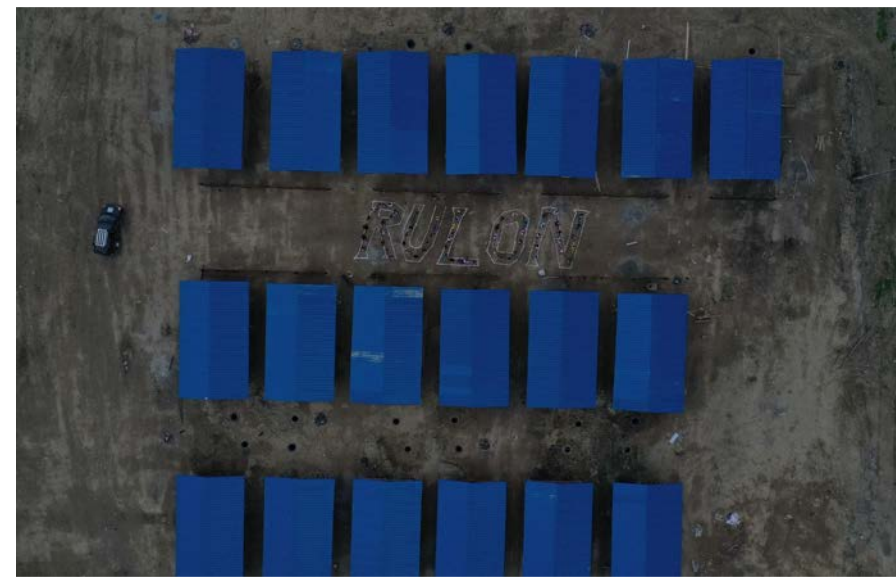




Day 6

Rulon construction in Atacames, June 2022

31 houses



Efficiency, quickness and empathy

Rulon 2022, Atacames: Day 1



Rulon 2022, Atacames: Day 6



Women's Entrepreneurship House - Atacames



-In the Women's Entrepreneurship House, capacity-building workshops are held for vulnerable women, in the Nueva Esperanza neighborhood, Atacames.

-There, women learn cutting and sewing techniques; aesthetics and beauty; bakery and pastry; and kitchen.



-The objective is that women undertake through their own businesses, or that they get a job.

-It is a safe place where they, mostly single mothers, can leave their children.

Women's Entrepreneurship House



Women's Entrepreneurship House



57 women have graduated from vocational courses for trades.



Construction of the Multifunctional Center "Beauty in Bamboo", together with ACNUR



Enlace noticia: <https://bit.ly/3kuXS2q>

Where have we built?



556

HOUSES



10

CHILDREN CENTERS



379

SHELTERS



11

COMMUNITY CENTERS

Healthy families in healthy neighborhoods = healthy society



Thank you very much for your attention!

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