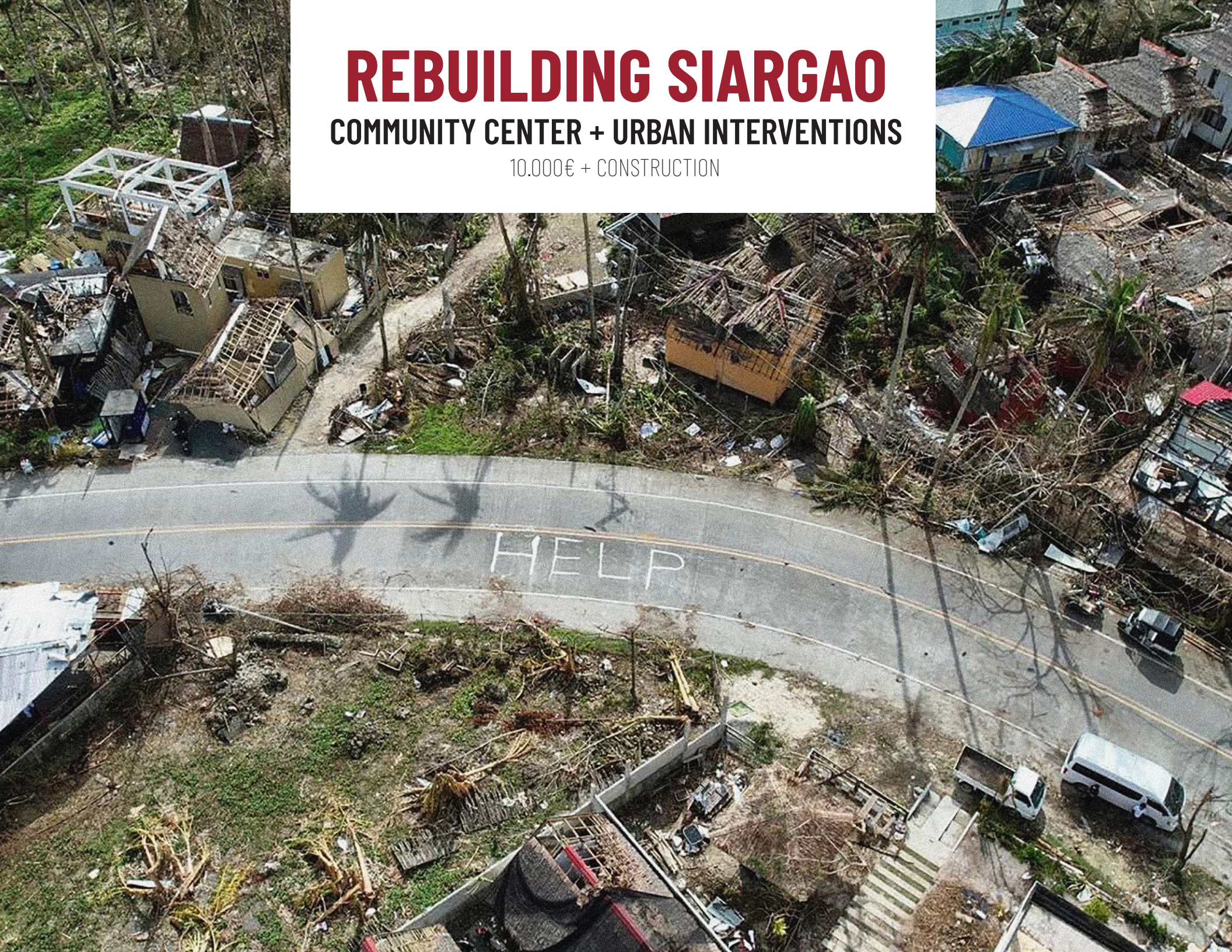


# REBUILDING SIARGAO

COMMUNITY CENTER + URBAN INTERVENTIONS

10.000€ + CONSTRUCTION







## REBUILDING SIARGAO

COMMUNITY CENTER + URBAN INTERVENTIONS

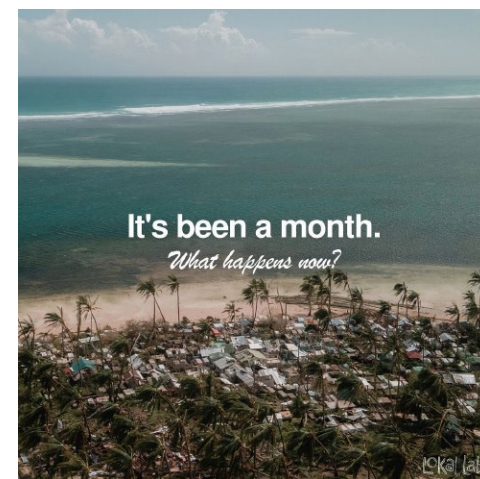
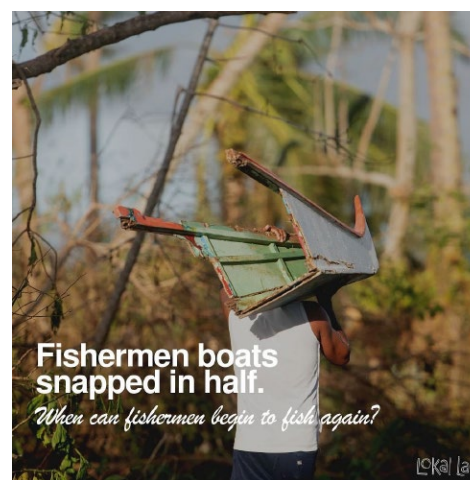
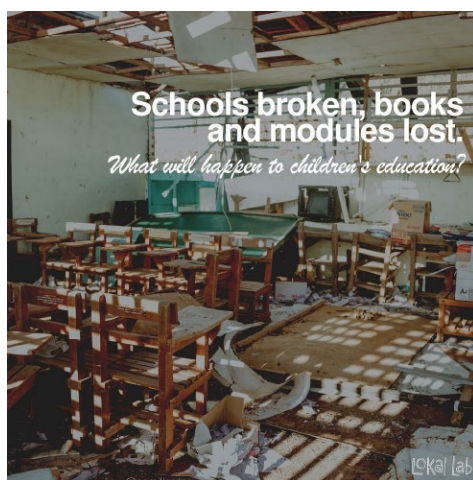
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## INTRODUCTION

**On December 16, Super Typhoon Rai, locally known as Typhoon Odette, made landfall in the Philippines.** The storm was unexpectedly powerful, undergoing what is called “rapid intensification” the day before making landfall, which is becoming characteristic of tropical storms occurring in our warming climate. With winds of up to 195 km/h and gusts of 260 km/h, the storm was comparable to a

category five hurricane when it hit.

The storm first made landfall in **Siargao**, an island known as a world’s surf capital, and touched down nine more times as it swept west through the Philippines. The typhoon collapsed buildings and power lines, uprooted palm trees, and worse. Nearly half a million people were displaced from their homes and more than 400 people died. **It is estimated that around 90 to 95% of the island structures (mostly homes) were damaged.** It has also destroyed farms, coconut trees, fishing boats and businesses.

It’s been months since super Typhoon Rai wiped out most of the island and unfortunately **rehabilitation has been painfully slow.**

Help from the Government and international organizations is not coming as fast as they need it and it is thanks to local organizations such as **Lokal Lab** that they are mobilizing different groups and gathering donations immediately.

**They are building the island back and they want to build back stronger,** helping the population with several actions including **new community centers and urban interventions, and you are invited to be a part of it.**





## THE NGO: LOKAL LAB

Founded in 2017, **Lokal Lab is a Siargao-based NGO** that initiates impactful projects that champion sustainability and community empowerment. They want to create a self-sustainable community that has the freedom to make their own lifestyle choices, all this under the values of sustainability, community building, social development and circular economy.

Since 2017, **Lokal Lab has continuously been launching new programs for the community.** Some of them include the construction of community centers, food security initiatives, regenerative farming projects, an art residency program, a zero-waste school or a platform for Research and Development that focuses on sustainable coconut technologies (see all their programs [here](#) .

Unfortunately, **the typhoon stopped it all.** Most of the NGO's buildings are completely destroyed and their main focus now is to rebuild Siargao's community.

This competition will be divided into two projects. Project #1 will focus on the **reconstruction of a new Burgo's community center**, known to them as Lokal Tabo. It worked as a market for goods and locally produced food, as well as a canteen and a gathering space for the villagers. Project #2 will look for the **regeneration of towns through small urban-rural design interventions.** They want to rebuild towns using urban furniture, waiting sheds that can become temporary shelters, multipurpose structures, clean and safe public bathrooms, etc. You can propose any intervention you think can improve their quality of life.

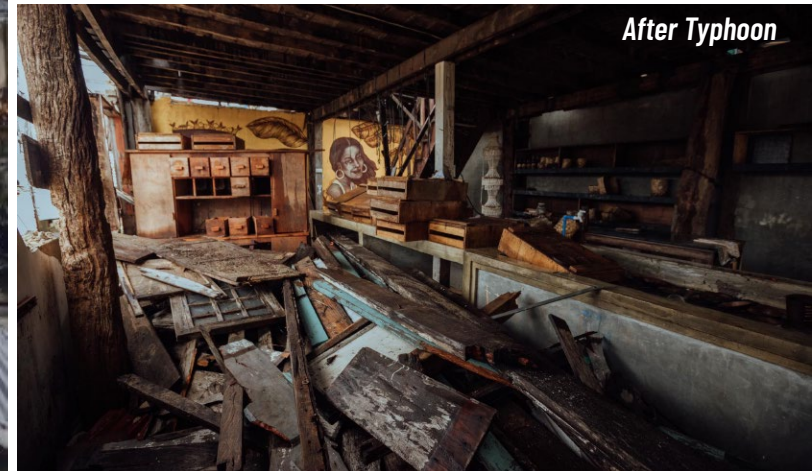




After Typhoon



Before Typhoon



After Typhoon

## PROJECT #1: REBUILDING THE TABO

**LOKAL Tabo** is a local community market that serves as a platform for local artisans, creators, and producers to display and sell their goods without any fees and for the local community to easily access locally and naturally grown produce and plastic-free alternatives.

It's more than just a community vegetable market.

It has made the distribution process of farmers much simpler, it has given locals easy access to sustainable and fresh produce, and it also has given people the opportunity to work and provide for their families

To preserve the culture of the town and ensure sustainability, LOKAL renovated old existing houses to breathe new life into it. However, their 1st Tabo was completely destroyed by the typhoon.

**Now they are going to rebuild it in a new location and they are looking for innovative and sustainable design projects.**

Their aim is **to build a Tabo in all municipalities across the island**, and eventually expand to other islands in the country so that local communities have access to fresh, locally and naturally grown produce and plastic free alternatives.

**Farmers were previously selling door to door** as they had no platform to sell their produce, with the creation of the Tabo they increase farmer's income by cutting off the middlemen and making it easier for both locals and tourists to access local produce. The building is also used as a community space where people can gather and organize activities.





## LOCATION: BURGOS, SIARGAO DEL NORTE

This project will be built in Burgos, a small town located in the Northeastern portion of Siargao Island. Burgos has a population of 4,100 inhabitants.

Since the typhoon destroyed their previous Tabo, **they have decided to move to a new plot.** The new land is next to the church. The entirety of the site is approximately 1,750 m<sup>2</sup>, while **the preferred location of the new Tabo is in the northern corner**

**of the plot and it ranges from 250 to 650 m<sup>2</sup>.**

The preferred access to the new building is in the North-Western side of the plot, which is approximately 32 meters long and faces a secondary street. The North-Eastern side, on the other hand, faces the main highway that connects the island.

The site is completely flat, there is no slope to consider. Also, there are no trees to take into account when designing the new community center. Besides the building itself, open spaces should also be included in the project. Lokal Lab organizes

many types of activities and some of them can be held in the open areas of the new Tabo.

Burgos has a tropical rainforest climate. It is usually very warm, humid and rainy all year round. Siargao island has a very local microclimate and does not have distinct rainy and dry seasons like much of the Philippines. Normally December, January and February have the heaviest rain.

The average annual temperature for Siargao is 29°C. Unfortunately, tropical storms and typhoons have become more frequent in the region, and also stronger and more devastating.





### a. ARCHITECTURAL PROGRAM

The new Tabo will be a two-story building, each one of the floors of approximately 100 - 120 m<sup>2</sup>. Each participant can decide its exact dimension as long as it moves around these numbers. It will also have an open space as a part of the intervention. The program is the following:

#### Ground Floor:

- **Market:** this will be the main attraction of the Tabo. The market will sell vegetables, fish, souvenirs (pasalubong), weaved products, coco products (made out of coconut and byproducts of

the coconut tree), etc. It will have a display area and will occupy approximately 2/3 of the ground floor area. People will take the products and they will pay at the cashier, who will weight and charge.

- **Karinderya (eatery):** a karinderya is a small restaurant where people order from a display of already cooked food and point at the desired dish they want to eat, which is why locals refer to this space as "turo-turo", or which directly translates to "point-point". Karinderyas are part of the Filipino identity and the food that is served there is very traditional.

The karinderya should use the rest of the 1/3 available ground floor space.

The cooking space can be open with a serving bar where people will eat (Japanese style). Besides, people will have a space to eat on the second floor, and also some tables can be put in the exterior, around the building and garden.

- **Toilet:** it can be located close to the eatery side. It will consist of one toilet and a sink. A septic tank will be installed to treat the wastewater and ideally the water supply should come from a rainwater collector system mixed with grid water.





#### Second Floor:

- **Eating area:** a space in the second floor should be reserved for the clients of the karinderya, with a capacity of 12 people approx.
- **Community space/ multipurpose:** the Tabo is also used by the community as a gathering space. They organize seminars and classes, a weekly journalism club, farmers meetings, consumers association meetings, cultural talks and inspire sessions, children's workshops, weaving workshops, English classes for locals, etc. When there's no event, the space will be used as a library. Also, clients from

the karinderya can eat in the multipurpose space if the seats reserved for eating are full.

- **Studio with balcony and toilet:** a small studio for the project manager or artist in residence with a desk, a balcony/ terrace and his or her own toilet.

#### Attic:

You can use the attic volume under the roof for storage or any other purpose to maximize space.

#### Exterior spaces:

Since the plot where the new Tabo will be build is

quite big, the exterior spaces will be very important in the project. They are already planning to include several functions there, such as a self-sufficient garden/orchard that can help feed the population during a supply chain interruption caused by a typhoon; a community composting area or an outdoor dining area.

You can propose any other function you think could fit in Lokal Lab's vision for the new Tabo and its exterior spaces. They will be very open to receive new ideas on sustainability, circular economy, social development or community building.





### **b. EMERGENCY FUNCTIONS**

The typhoon destroyed Burgo's Tabo, but Lokal Lab's second Tabo, built in San Isidro, not only resisted but it also became a key infrastructure during the typhoon and afterwards. The space was used as an evacuation center for people who lost their houses and as a community kitchen that cooked and distributed food to everyone affected by the event. This is something they want to accomplish with this new Tabo too. They want to build a space that can be used as a shelter during a typhoon and that can become a help point afterwards. Participants can propose anything they find

appropriate to accomplish these or other emergency functions.

### **c. MATERIALS**

The main building materials that are currently being used in the region are concrete, wood and corrugated sheets. Concrete can be found in a lot of buildings around Philippines. It is a material that Filipinos choose when they want to build a stable base to ensure the structure's safety. They like this material because it gives them a feeling of strength. It is very common to see that they build just the

ground floor using concrete (to give stability) and then they use wood when they want to build more floors.

Wood is also a very spread material in the island. It is the main material used in rural communities since it is very easy to find. For structural purposes, they have been mainly using two types of wood: acacia timber and coconut timber. This last option has been a great way to reuse the coconut trees that have fell from the typhoon. Despite that, since the fallen trees are being donated as fast as possible, the supply will be scarce in the next months and they won't be able to cut more, that's why using other





types of wood such as acacia timber or combining them is a better option for this project.

Corrugated sheets are the most common option in this area when building the roof of a house. This is a very delicate part of a building when it comes to typhoons, since roofs are always the most exposed parts.

We highly recommend checking out **this document** published by the Shelter Cluster Philippines on 8 key messages to build back safer. You will find there several recommendations on how

structures, roofs and spatial configurations should be designed in order to be more typhoon resistant.

#### **d. BUDGET**

**The budget** for the new Tabo will be 3 million PHP (600,000 USD). You will find a list of materials' prices in the documents we will send you after registration.

Project #1 should answer: How might we design a flexible, multi-purpose, and resilient community center that primarily functions as a local community market?





## PROJECT #2: REGENERATING SIARGAO RURAL TOWNS

In this second project we are going to focus on an **urban element that can help in the regeneration of Siargao's barangays.**

A barangay is the smallest political unit in the Philippines. In Siargao, barangays are settlements

of no more than 150 to 300 households. Most of them follow a simple grid and similar placement of key facilities for each neighborhood. For this project, Barangay Matinao will serve as our typical barangay. It approximately spans 17,000 sqm or 1.7 hectares.

Unfortunately, the typhoon destroyed most of the key infrastructures and houses and that's why Lokal Lab is seeing this as an opportunity to regenerate towns from zero and make them sustainable, more focused on community building, and safer in future natural disasters.

Barangay Matinao already had some public buildings, such as an elementary school, a basketball court, a church, a women's association, a health center and a public hall. These buildings are common in other barangays too.

This project won't have a specific program, participants will be free to propose any action, element, construction, or anything they think that can help in the development of an urban tropical town prone to typhoons. **The jury will choose three winners that will be built not only in Matinao but all across Siargao.**





Waiting shed being built



Waiting shed



Manual water pump

As mentioned, participants can propose anything, but here are some examples of things that are needed in Siargao's barangays:

- public water stations that are always ready to collect rainwater and filtering it.
- clean and safe public bathrooms. The situation after the typhoon is so critical that people must use the outdoor as a toilet.
- multipurpose closed/opened/covered alleyways that are convertible into evacuation centers.
- urban furniture using coconut and byproducts of the coconut tree.

- waiting sheds that can become temporary shelters. They normally serve as a place for people waiting for the bus or a ride (the existing are: at least 20m<sup>2</sup>, something with a table in the middle, sometimes none).
- landscaping, such as strategically putting trees of certain kind in certain areas for shelter.
- creation of public elements that can become gathering spaces with a community spirit.
- community laundry areas. They are now using tube wells (or hand pumps) located near their homes.
- community gardens/orchards where everyone

participates and the produce is shared among the villagers.

- solar farms to generate electricity

These are just some examples of things that could be done in the reconstruction of a barangay. Lokal Lab is looking for sustainable proposals, that encourage public involvement and that are built using local materials.

There is no budget limit in this project, depending on how big or small is the intervention the price will be very different.



## AWARDS

Prizes totaling 10.000€ + CONSTRUCTION, broken down as follows:

Project #1 (community center) prizes:

### 1st PRIZE

5.000 € + CONSTRUCTION

+ exhibitions and articles + certificate

### 2nd PRIZE

1.500 €

+ exhibitions and articles + certificate

### 3rd PRIZE

500 €

+ exhibitions and articles + certificate

### +10 HONORABLE MENTIONS

+ exhibitions and articles + certificate

Project #2 (urban Intervention) prizes:

### WINNER 1

1.000 € + CONSTRUCTION

+ exhibitions and articles + certificate

### WINNER 2

1.000 € + CONSTRUCTION

+ exhibitions and articles + certificate

### WINNER 3

1.000 € + CONSTRUCTION

+ exhibitions and articles + certificate

Project #1 and #2 will be independent, you can win a prize from project #1 only, from project #2 only, or two prizes, one from project #1 and one from #2. Besides the prizes, the winning projects and finalists will be published in magazines, blogs or architecture web pages, social networks or the Archstorming website. A digital certificate of participation will be given to all contestants.

## CALENDAR

APRIL 14, 2022	Early registration begins
MAY 18, 2022	Early registration closes
MAY 19, 2022	Regular registration begins
JUNE 15, 2022	Regular registration closes
JUNE 16, 2022	Advanced registration begins
JULY 6, 2022	Advanced registration closes
JULY 7, 2022	Late registration begins
<b>JULY 27, 2022</b>	<b>Submission deadline</b>
JULY 28 - AUGUST 17, 2022	Jury decision
AUGUST 17, 2022	Winners announced

\*No submissions will be accepted after the general deadline indicated above: 23:59:59 Los Angeles time (UCT / GMT-7) or PDT.

## ELEGIBILITY

Any architecture student or professional architect can participate in REBUILDING SIARGAO, regardless of their nationality. Likewise, people from other disciplines can also participate, such as engineers, philosophers, sociologists, photographers, etc. It is not necessary to have an architect on the team, although it is recommended.

Teams may be formed by a maximum of four (4) members and a minimum of one (1).

All team members must be 18 years of age or older. The registration fee must be paid per team, regardless of the number of members (1-4 people). If a team or participant wants to participate with more than one proposal, it will be necessary to register twice (or as many times as proposals will be submitted), paying the full price corresponding to each registration.

Under no circumstances may jurors, the organization or persons directly related to the jury participate in this competition.



## SUBMISSION MATERIALS

Your registration will give you the right to send **one proposal for Project #1** and **one proposal for Project #2**.

Each team must submit **two (2) A1 format boards (594x841 mm or 23.4x33.1 inches)** oriented either landscape or portrait with the registration number in the lower right corner. You can distribute project #1 and #2 in the boards space however you feel is more appropriate.

The content of the boards is open, as long as the idea that the participants want to communicate is clearly expressed. However, it is important to detail the proposal with the materials and constructive systems thought.

The boards must be delivered in JPEG or JPG format and the file name must be the registration number provided by the Archstorming Team (eg 432465423-1.jpg and 432465423-2.jpg for the two boards)

In addition, **one (1) description of the project** no longer than 400 words must be submitted. These 400 words include Project #1 and Project #2, It must be submitted in PDF format and the file name must be the registration number provided by the Archstorming Team (eg 432465423.pdf)

All the materials must be submitted in the Submit section on the Archstorming's website.

<http://www.archstorming.com/submit.html>

## EVALUATION CRITERIA

The jury will evaluate the projects based on the objectives stated in this briefing. Specifically, it will be evaluated if the project meets the requirements in program, building techniques, materials and sustainability. Also, if it considers the climate of the region, if it is typhoon resistant and can respond to an emergency, and if it is realistic with the proposed budget.

The jury is free to add other criteria that they consider important for the creation of the new Tabo and the urban interventions.

For Project #1, a minimum of 50 proposals will be selected for the final round. Among these finalists, the jury will choose the winner, the second and third place and the 10 honorable mentions. For Project #2, the jury will select 3 winners from all the proposals.

## FAQ

You can check the most common questions in the corresponding section on the Archstorming website:

<http://www.archstorming.com/faq.html>

Also, during the competition, all questions sent by email will be answered individually and uploaded to the section of the website mentioned above.



# REGISTRATION

To register, fill the registration form in the correspondent page of our website.

<http://www.archstorming.com/register.html>

Once you complete it, you will be redirected to the payment page. Fill the details and complete the payment in order to finish your registration.

Visa, Mastercard, Discover and American Express credit or debit cards may be used. The Archstorming team will not have access to credit card details. Please provide the information on the card as it appears on it.

Likewise, payments are accepted through Paypal.

Registration fees will depend on the registration date, and will evolve as follows:

EARLY REGISTRATION: 60€ + VAT

REGULAR REGISTRATION: 80€ + VAT

ADVANCED REGISTRATION: 100€ + VAT

LATE REGISTRATION: 120€ + VAT

VAT: 21%

Registration process must be completed on the official Archstorming website. In order for the registration to be successful, the team must pay the fee corresponding to the registration date. Once the registration and payment process have been completed, there will be no refunds.

Immediately after registration and payment, the Archstorming Team will send a confirmation email to the address entered in the payment form. It will include the work material (pictures, site plans, etc.), as well as the registration number. This number must be placed in a visible spot on the team's competition board, preferably the lower right corner.

At the time of submission of the proposals, the registration number will be required to identify the team.

## NOTES

All the projects that win a monetary prize will become property of Archstorming, and therefore give Archstorming all rights to the materials from that moment on. Archstorming reserves the rights to use any of the participating projects for exhibitions and publications, digital or paper catalogues and dossiers.

Archstorming will publish all materials given appropriate attributes to the authors.

Archstorming reserves the right to modify the proposals and text in order to better adapt them to any publication format, without changing the essence of the proposal itself.

The participant is responsible for using copyright-free images. Archstorming is not responsible for the use of protected images by the participants.

Archstorming reserves the right to make any changes in the rules of the competition (dates, requirements, etc.). It is the obligation of the participants to check on a regular basis the website of Archstorming to verify if the Terms and Conditions or the competition information have been modified.

Lokal Lab is in charge of the project construction. Archstorming is collaborating with the project but not responsible of the construction. If for any reason they finally cannot build it, Archstorming will not be responsible of the fact.

The breach of the norms and terms defined in this briefing or in the Terms and Conditions of the website of Archstorming will result in the immediate disqualification of the team without any refund of the payments made.

Archstorming reserves the right to cancel this contest in case it does not reach a minimum number of participants, defined in the Terms and Conditions. In that case, Archstorming will return the full amount of registration fees to the participants enrolled at the time of cancellation.

<http://www.archstorming.com/terms.html>