

# building bonds, building safety

*Welcome to the community minga!  
Together we will build a bamboo  
pavilion dedicated to women, aimed at  
enhancing their perception of safety.*





# what is possible?



Source: Ruta 4 Taller



Source: Morag Myerscough.



Source: Torjans.



Source: Eleena Jamil Architect.



Source: Bamboo Import Europe.



Source: Eleena Jamil Architect.



Source: Ruta 4 Taller.



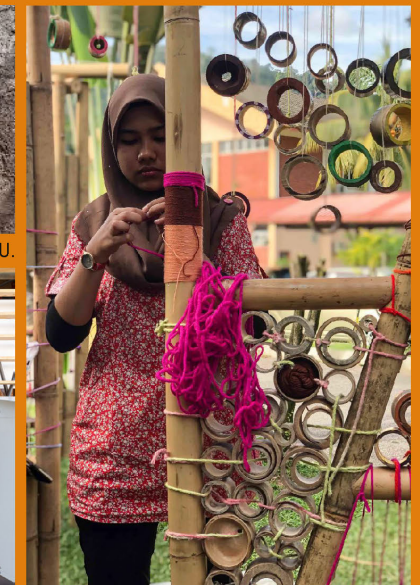
Source: Chiangmai Life Architects.



Source: Bamboo U.



Source: AtArchitecture.



Source: Eleena Jamil Architect.

# what will you need?

- ❑ a group of people - ask your friends and neighbours to join the minga!
- ❑ tools and safety elements - glasses, gloves, a ladder, screwdrivers, drills
- ❑ bamboo poles - you can order them, prefabricated, from The Best Bamboo
- ❑ bamboo 'esterilla' mats - to finish the ceiling and the surfaces of the shelves
- ❑ rope - a strong natural rope, like hemp rope, or another available
- ❑ prefabricated foundations - you can order them from a local welder
- ❑ textiles, flags, paint, yarn, plants, light garlands, ... - for your expression
- ❑ prefabricated joints with threaded rods - you can order them from Esteban Morales or a local welder
- ❑ green roof elements - sugar cane 'EPDM', peach pits, jute bags, cork, substrate, local low plants seedlings - you can get them from a local seller

You might also need other elements depending on the specific needs of your neighbourhood - you will figure out the final list during the workshop and meetings with other participants.

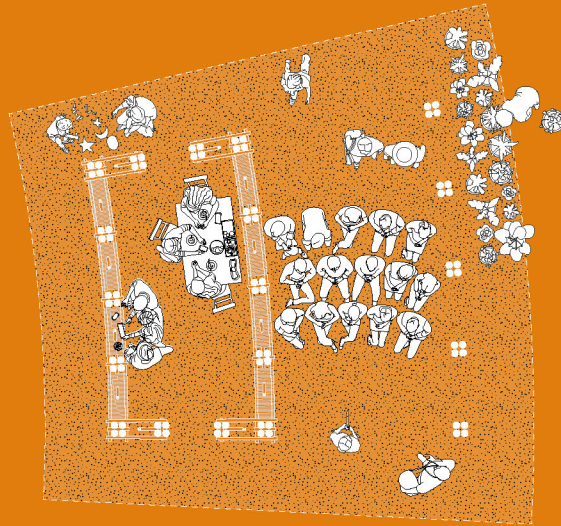
# and much more!



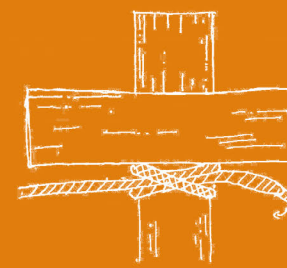
# what's the plan?

The outcome of this project will depend on your and other participants' needs and ideas. Think of this project as a frame or skeleton, easy to change and adapt. The aim of this first workshop is to:

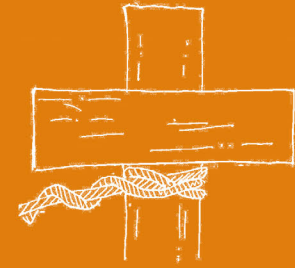
- meet other participants, share your concepts and necessities, bond
- decide how many modules of the pavilion you need, select the exact size and location
- decide on the functional program, make a list of materials and tools
- learn lashing joints that we will use to build the walls from bamboo poles
- get the overview of the project



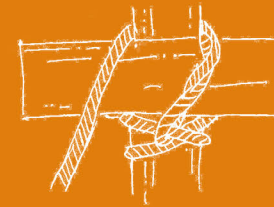
## we can learn it all together, with mutual help and experimenting!



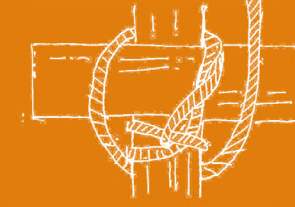
1. clove hitch



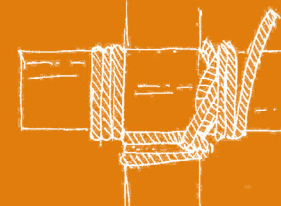
2. secure the end



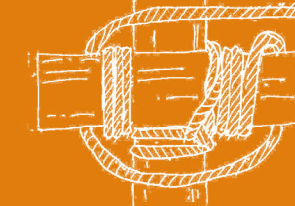
3. start wrapping turn



4. first wrapping turn



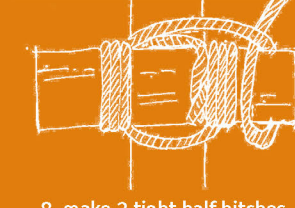
5. make 3 wrapping turns



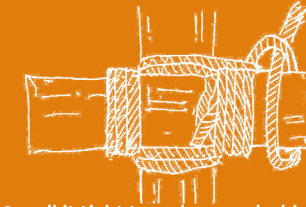
6. first frapping turn



7. make 2 frapping turns



8. make 2 tight half hitches



9. pull it tight to end square lashing joint

## go ahead and try your first lashing joint!

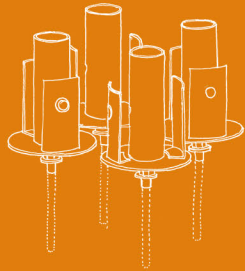


# process overview

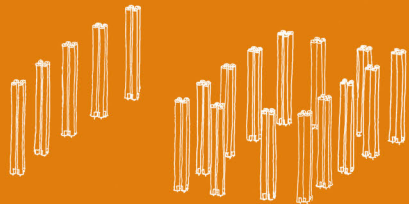


**you are now ready to start the construction of the pavilion!**

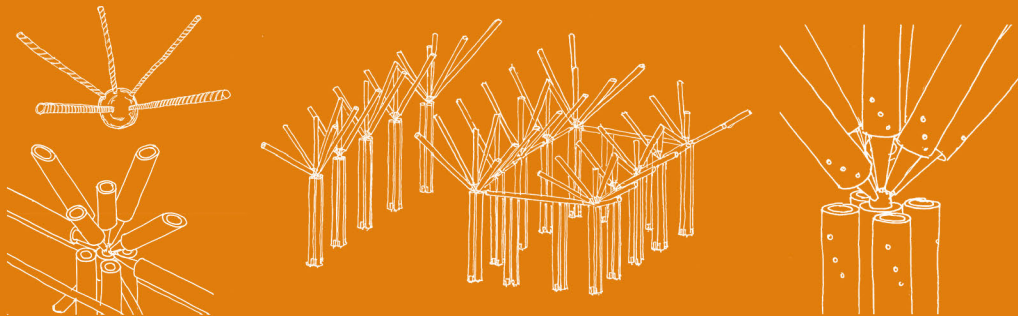
1 foundations



2 columns



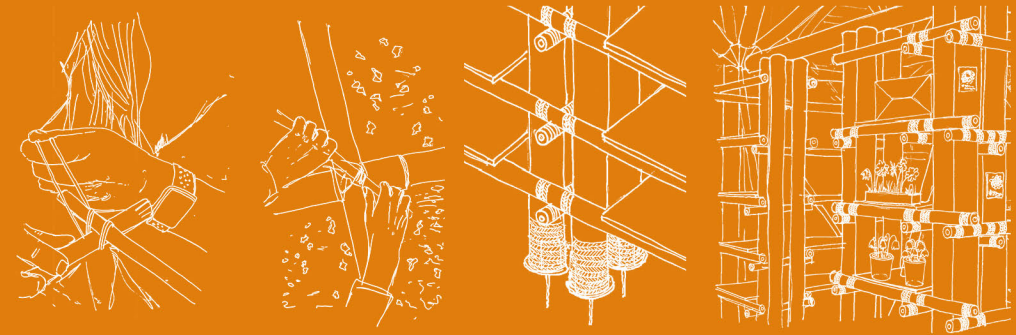
3 beams and roof supports



4 roof structure, covered with bamboo woven mats and waterproof foil protection



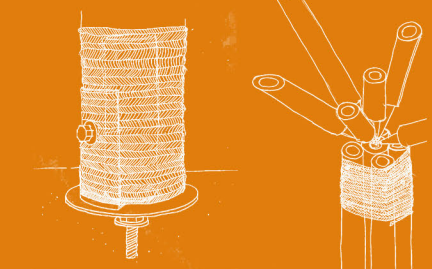
5 lashing the walls / shelves



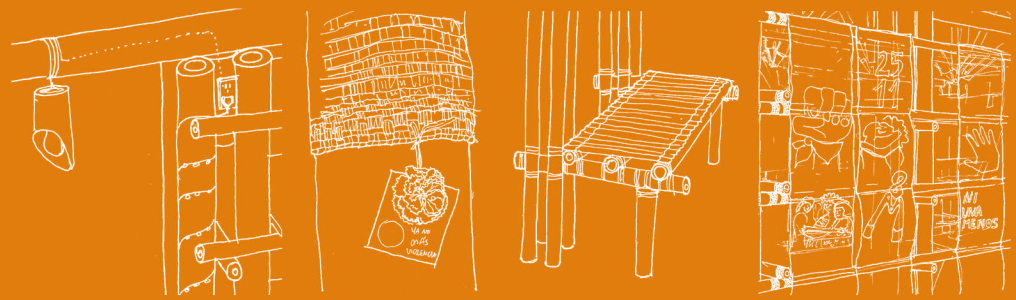
6 green roof layers



7 waxed rope finishing



7 details and movable elements that you need or want to add





Source: Ruta 4 Tallen

*Thank you for participating in the minga!*

***You are ready to start the construction of the bamboo pavilion. When built, it will belong to you and your neighbors, so it is important to plan the management and maintenance.***

Certain tasks need to be completed to ensure that the pavilion remains safe, well-functioning and beautiful in the long term. You can choose a dedicated group of leaders or divide the responsibilities between everyone. It is a good idea to plan a maintenance schedule. Here are some of the tasks to consider:

ensuring an inclusive and interesting functional programme by organising meetings, events, etc; tightening lashing connections each year; checking if all bamboo poles are in good condition and replacing broken ones; watering the green roof; cleaning the pavilion. The list can be expanded. Set your own schedule.

**Get in touch**

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