



Bee Hotel

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PROPAGATING COLLABORATION

SYSTEMATIC / ECOSYSTEM / ITERATIVE / GENERATIVE

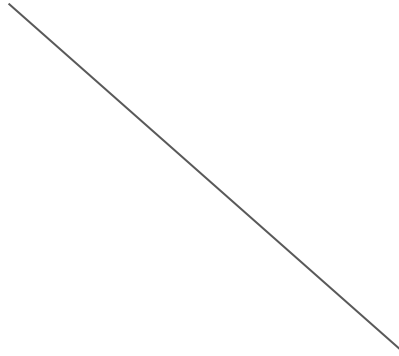
OUR
APPROACH

Bees have radically declined in numbers because of climate change, exposure to agrochemicals and habitat loss. To ensure the pollinators future survival supportive manmade hubs especially in urban areas are part of the solution.





OUR USERS



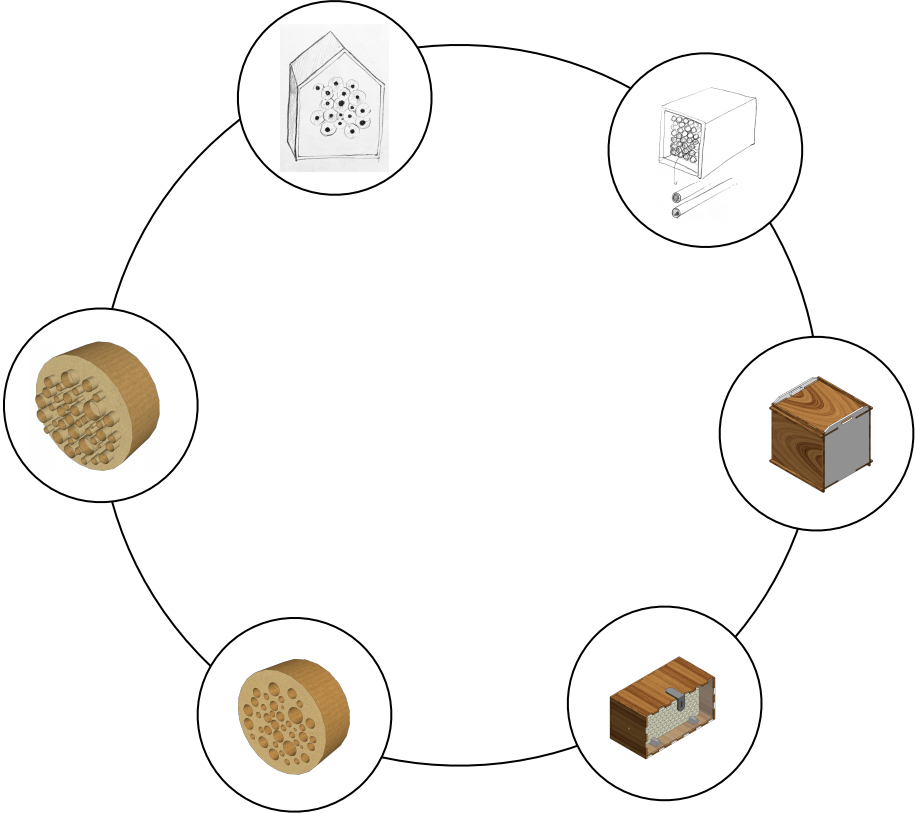
POLLINATOR BEES

As pollinators, bees play a part in every aspect of the ecosystem. They support the growth of trees, flowers, and other plants, which serve as food and shelter for creatures large and small.

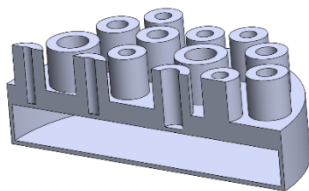
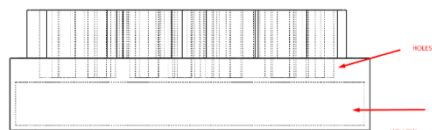
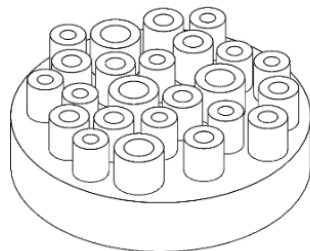
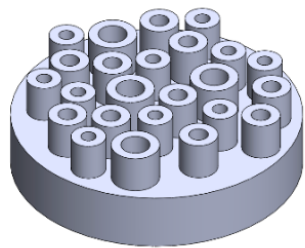
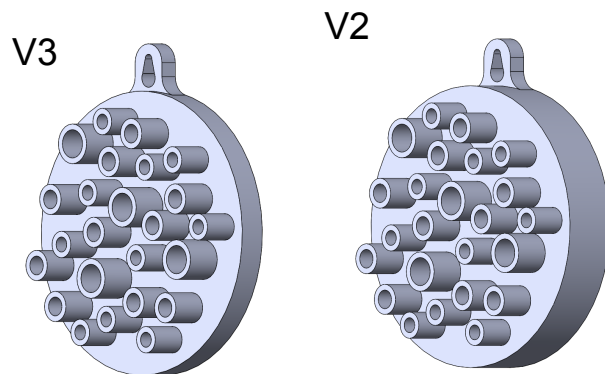
Bee houses (also called bee hotels or bug hotels) are similar to bird houses, but instead of attracting birds, they attract native solitary bee species. Unlike honey bees, these solitary bees are extremely docile and up to three times more effective as pollinators.



PRODUCT ITERATIONS



FINAL DESIGN

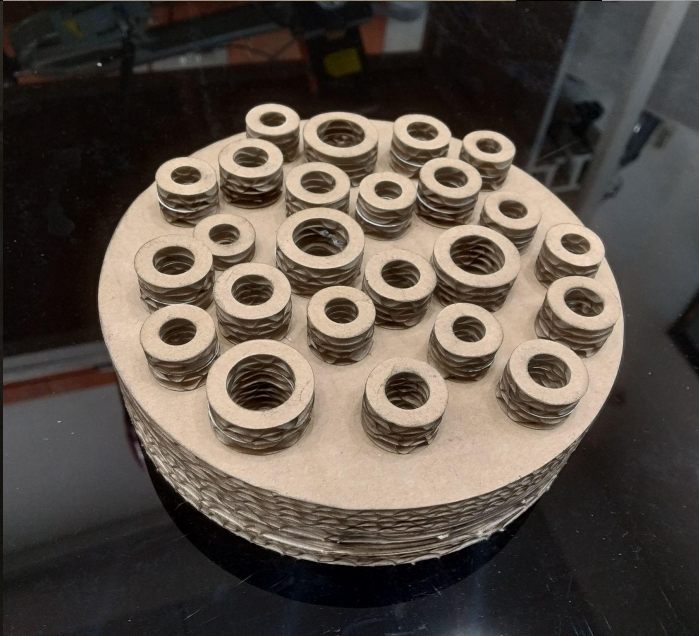
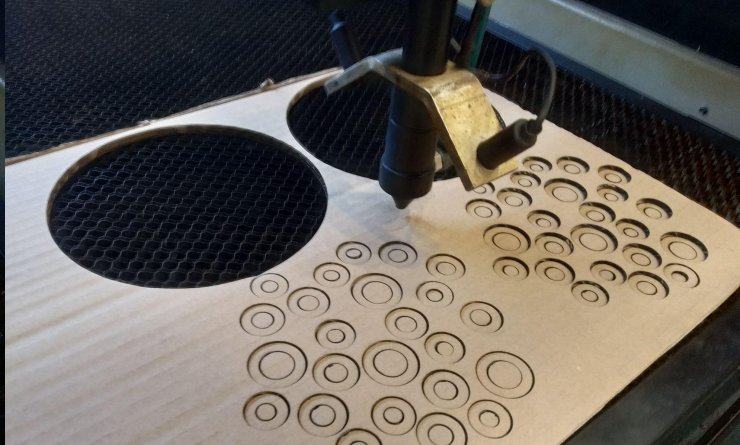
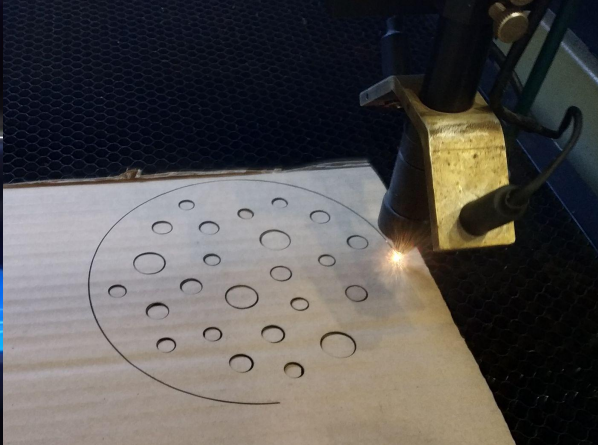
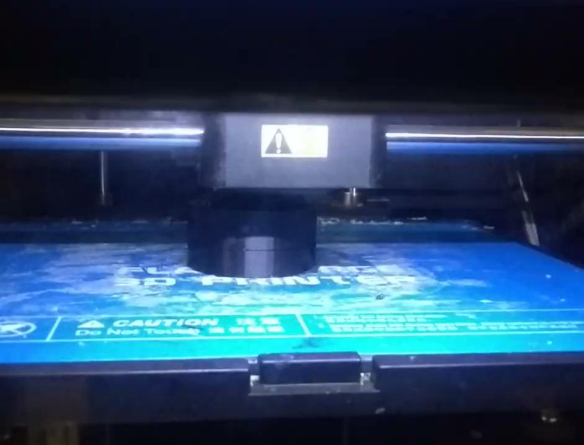


MATERIAL

Our group created a Bee house made from a PLA a wood PLA Filament containing 40% wood. That are easily replicated and locally manufactured with a 3D printer.

PLA is biodegradable under commercial composting conditions and will breakdown within twelve weeks.





REPLICATORS, INDIA



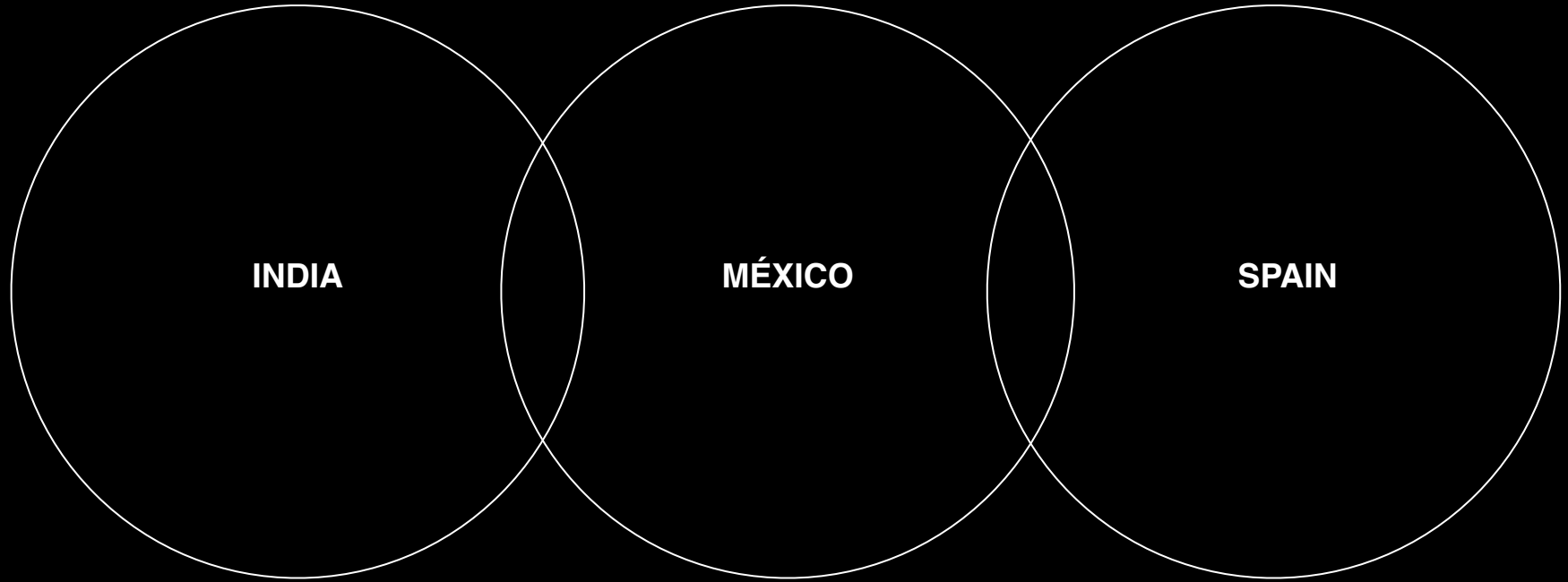
**MEDIA
STORIES**



MATRIX

G4		0.08	Bee Hotel				
RESOURCES (30 days)	30	w1	w2	w3	w4	w5	
IMPACT							
SENSITIZACION	41	0	1	4	14	22	
REPLICATION	4	0	0	0	1	3	
INNOVATION	0	0	0	0	0	0	
Possible futur engement throught workshop							
Version of the project		4		2	1		

**CONTACTS
FOR REPLICATION**



Future Scope

Connect with more Bee communities

Try more types of designs

Install it in different locations in different cities

Take the project live and involve more stakeholders, for example get funding and manufacture for citizens who are interested and don't have access to a 3D printer themselves

Please visit our Wiki factory website!

<https://wikifactory.com/+beehotel/beehotel>

A microscopic view of plant cells, showing a dense arrangement of hexagonal cells. The cells are stained, with some appearing darker brown and others lighter yellowish-brown. The cell walls are clearly visible, forming a honeycomb-like pattern. The text "Thank you!" is overlaid on the left side of the image.

Thank you!