

"Have you ever wondered where all the market waste really goes?

Not just the ones you see... but the ones no one talks about."





☑ ZERO WASTE

M RECYCLING

™ UPCYCLING







Organic waste mixed with plastic produces a waste basket



43 bags

1 bag

Used plastic PE bags are converted into yarn, produced into reusable bags.



Plastic Waste

(except labels, PVC, melamine, and plastic with aluminum)

Most types of used plastic are crushed and mixed with asphalt to pave the S1 parking area (next to Phahonyothin Road) as a future activity space.

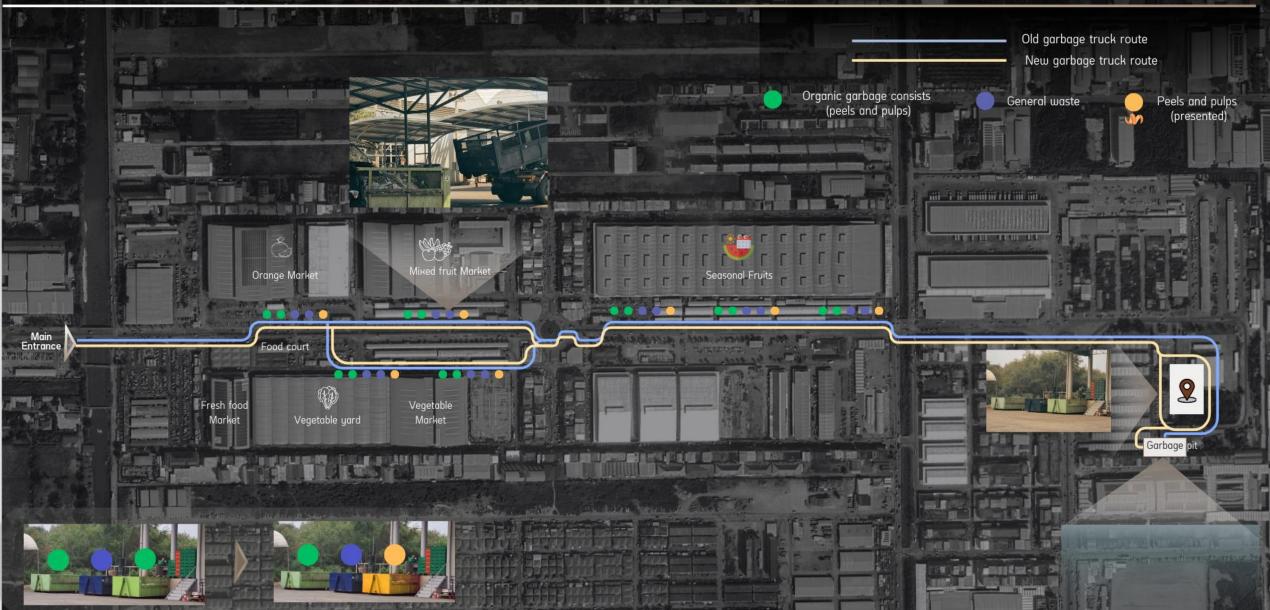


Citrus fruit scraps are made into EM fermentation liquid used in office bathrooms, marketplaces, and drainages.



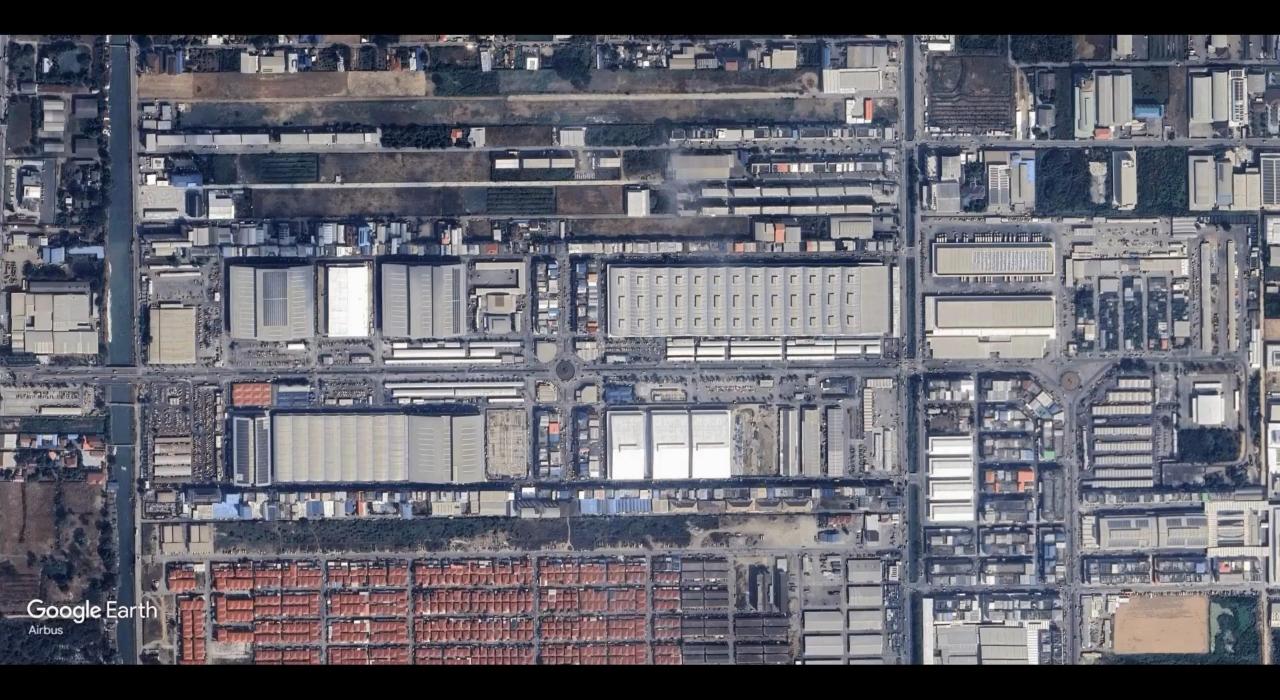
Used plastic PET bottles are converted into yarn, produced into aprons.

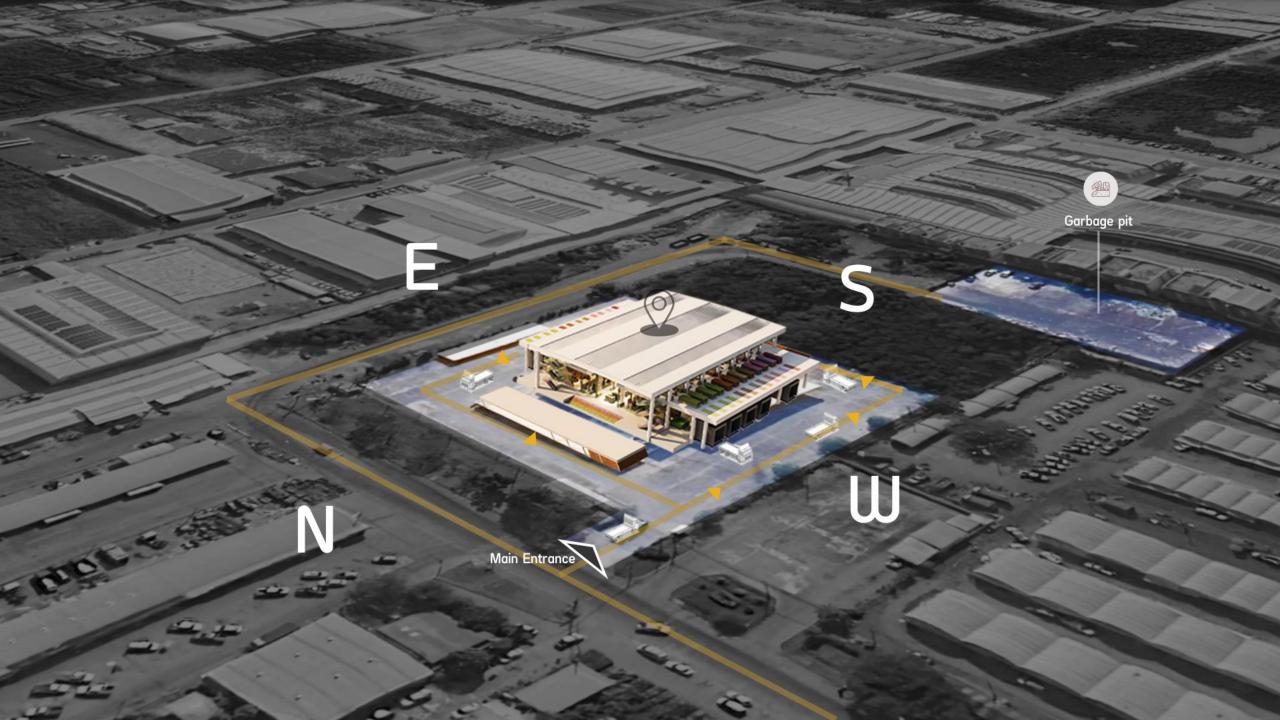
SITE ANALYSIS Old garbage truck route New garbage truck route













WHY BRICKS?



ADD VALUE

Adding value in addition to compost and animal feed



30 BATH / 2.4 KG



2.4 BATH / 2.4 KG

INCREASED VALUE BY ~12.5 TIMES



CAN BE REVIVED TO OPEN A STORE IN THE MARKETPLACE.

Reusing rubbish in TALAADTHAI might result in actual development projects and a cycle within the market.





SAME AS FIBER

Assistant Professor Boonserm Premthada, Bangkok Project Studio

The use of elephant dung in brick production demonstrates the feasibility of utilizing vegetable scraps and fruit peels as well, since they share a similar fibrous composition.



PROCESS



Separate waste from the market



Mashed



Mix waste with ingredients to make bricks.



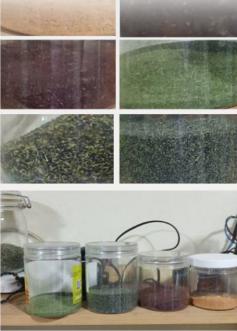
Brick forming



Sun-dried









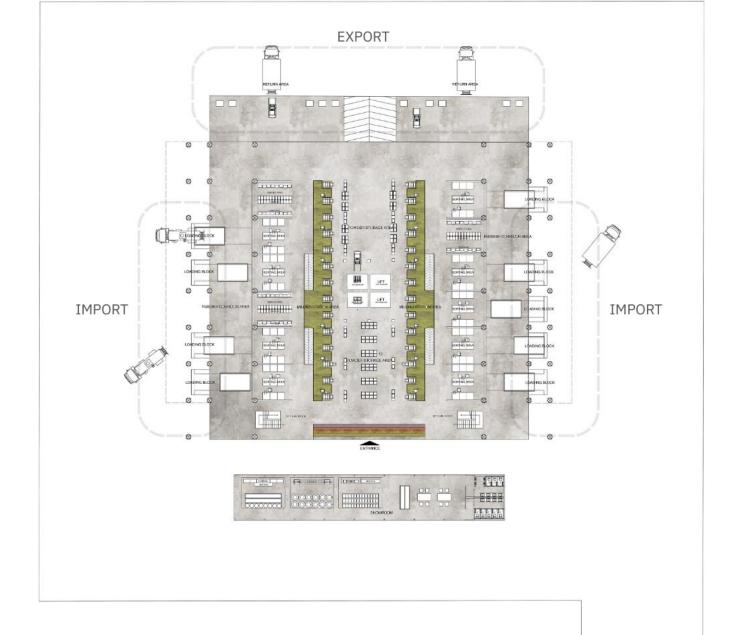






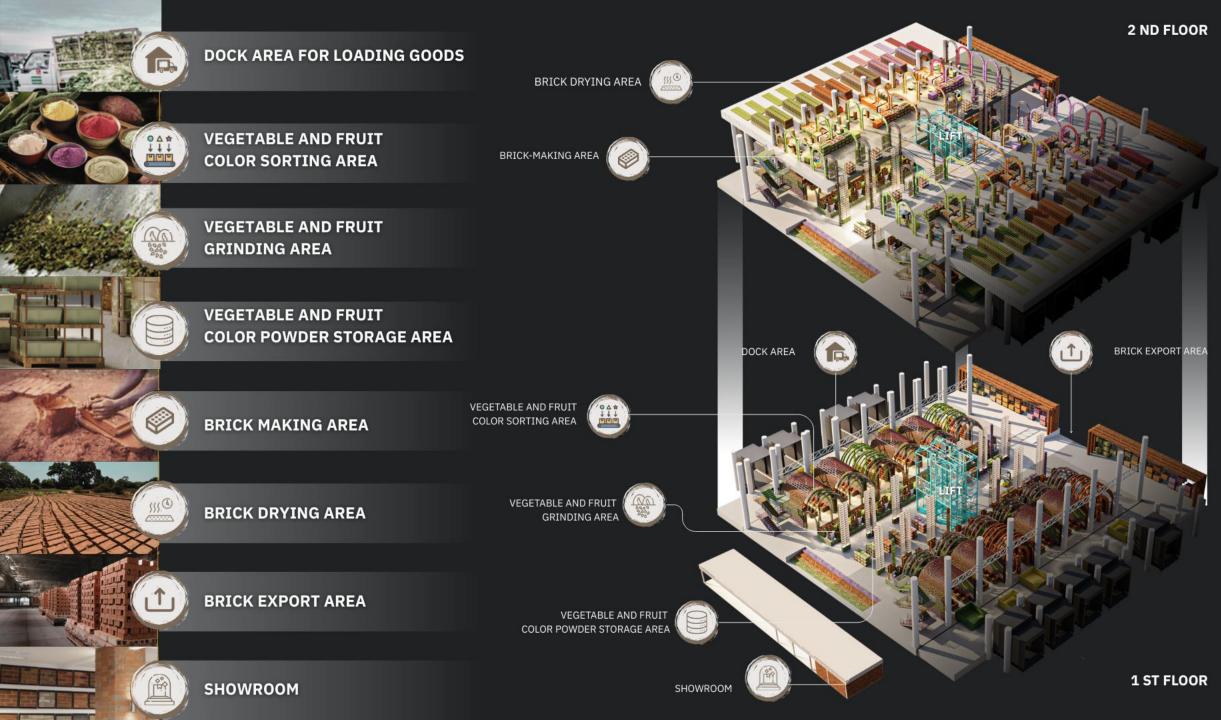


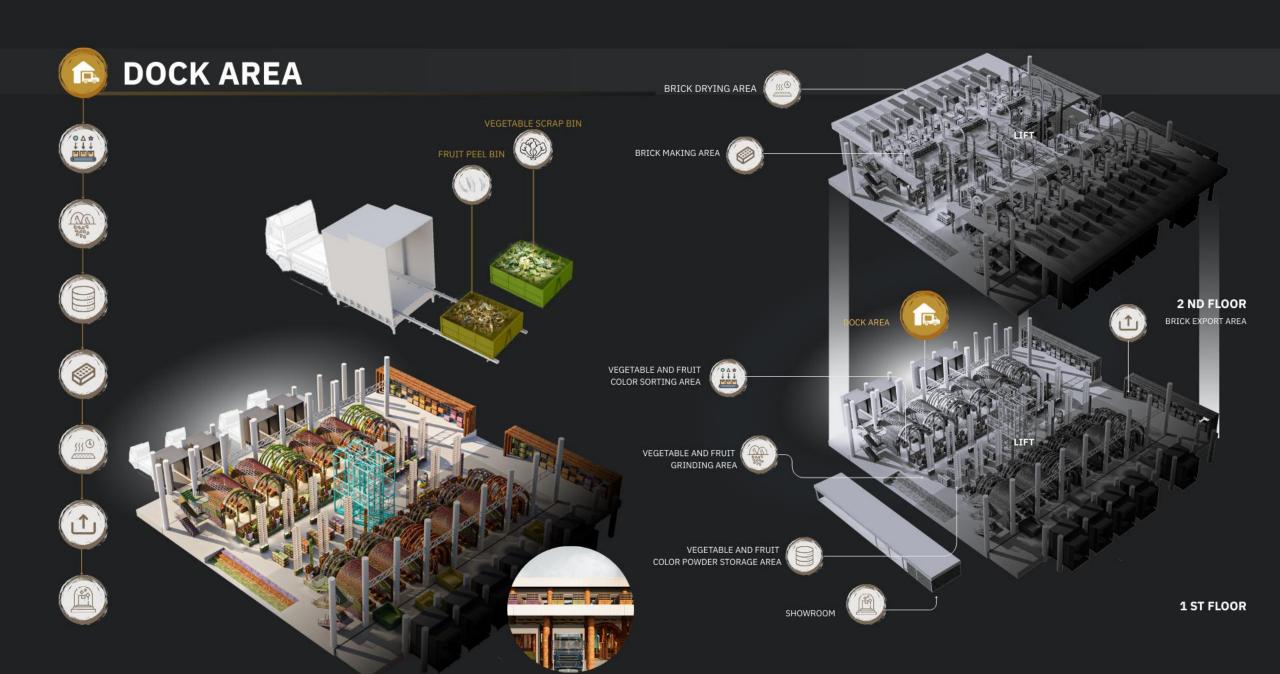
WASTE TO WORTH TALAADTHAI



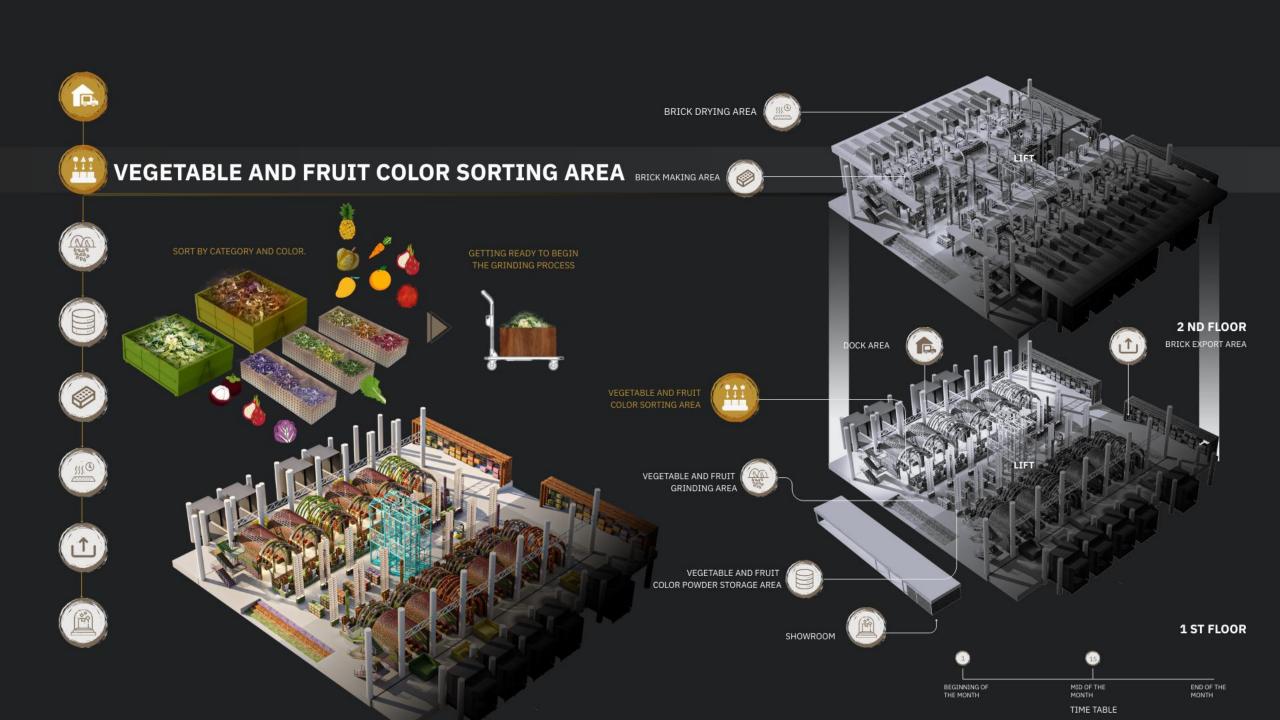




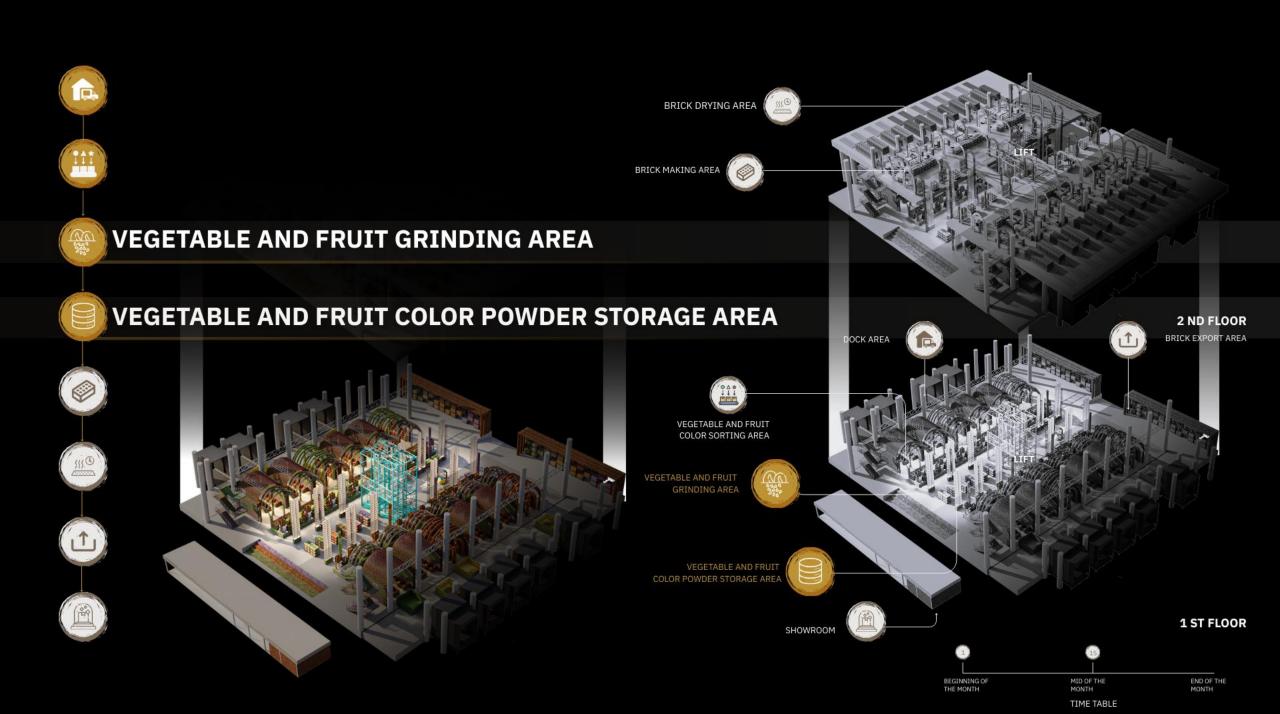




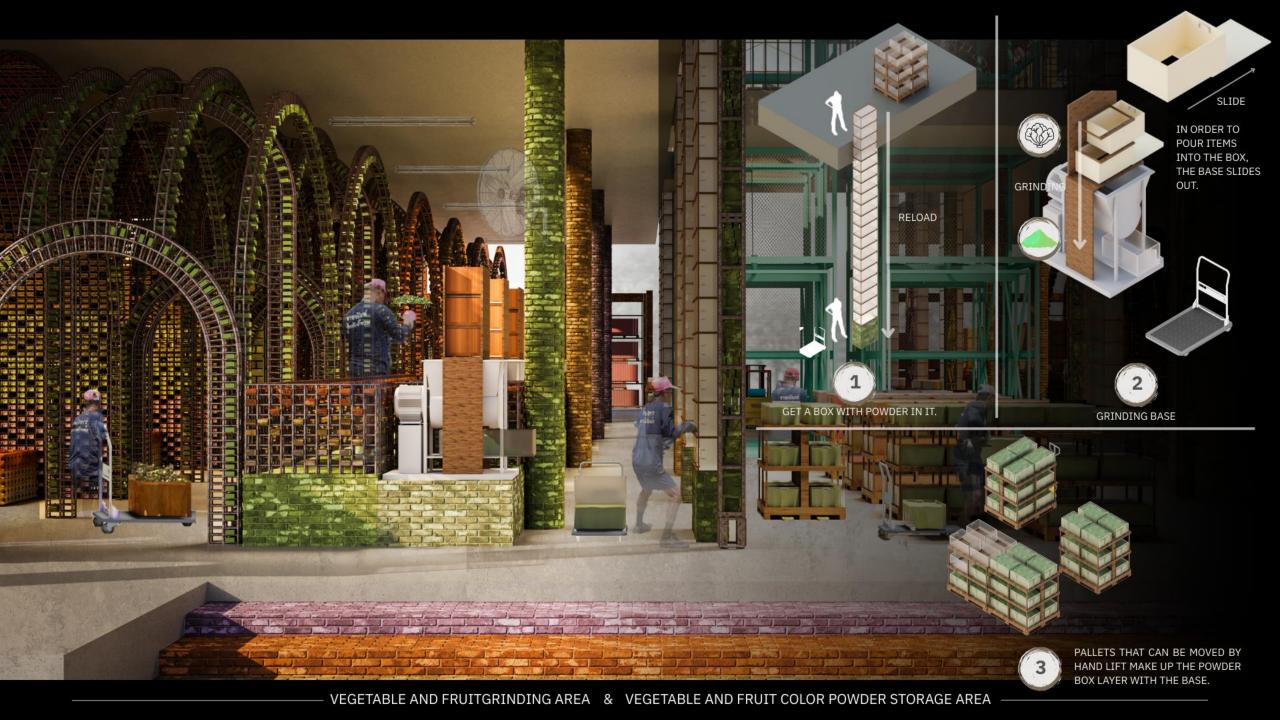


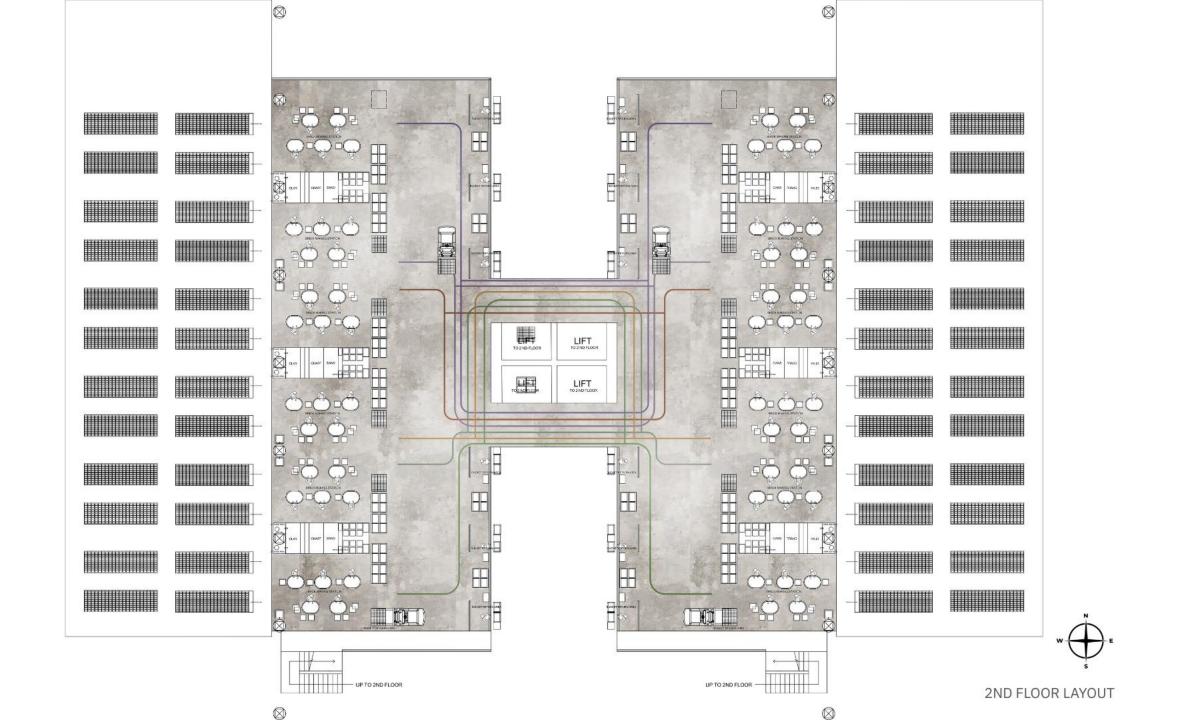


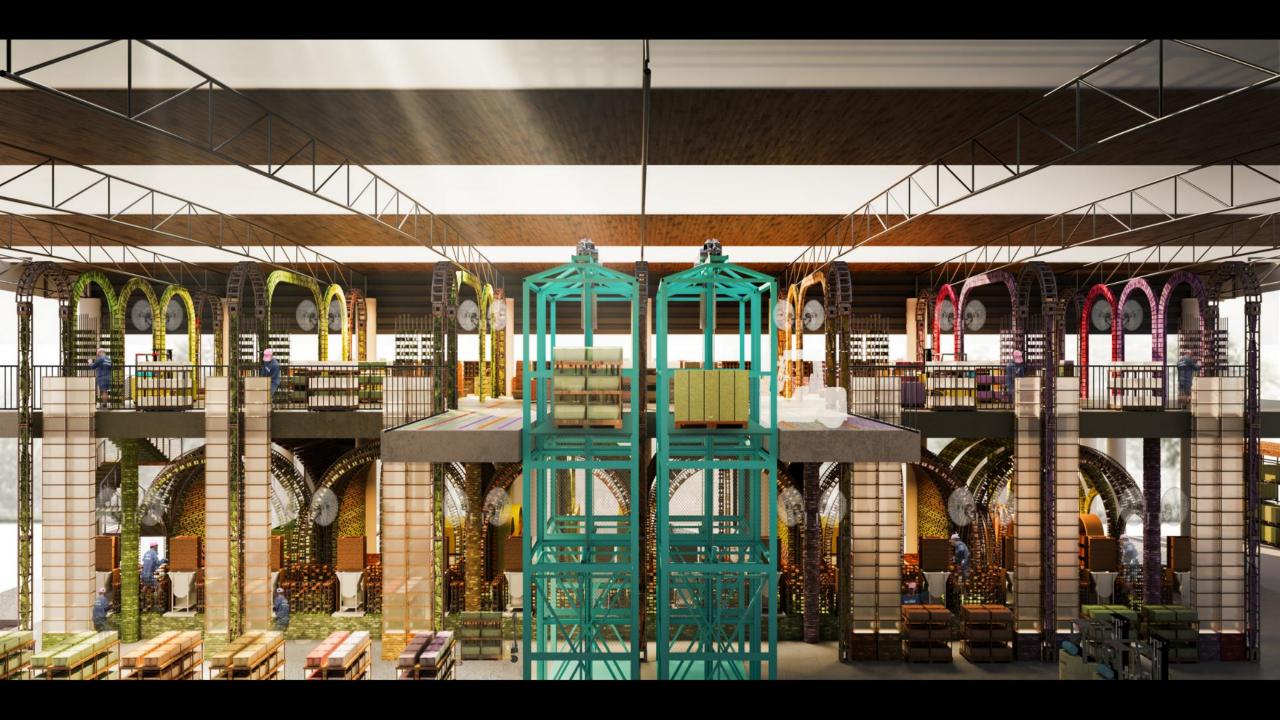


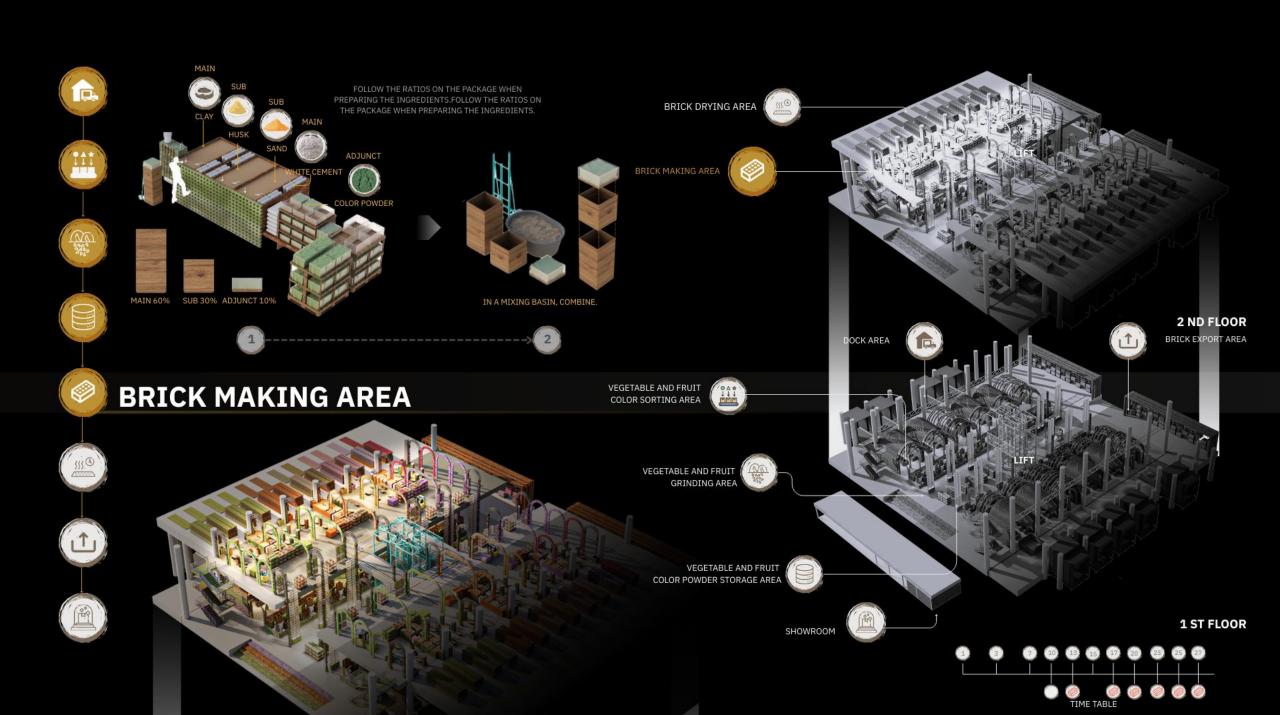




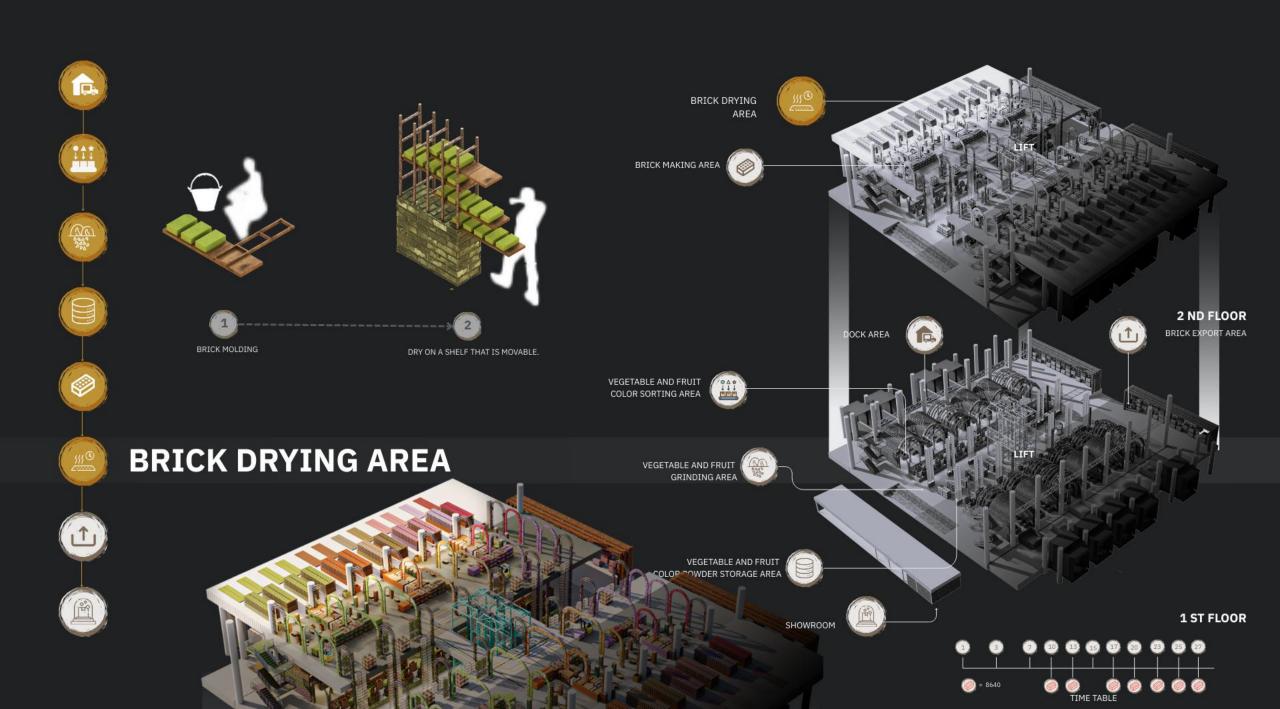




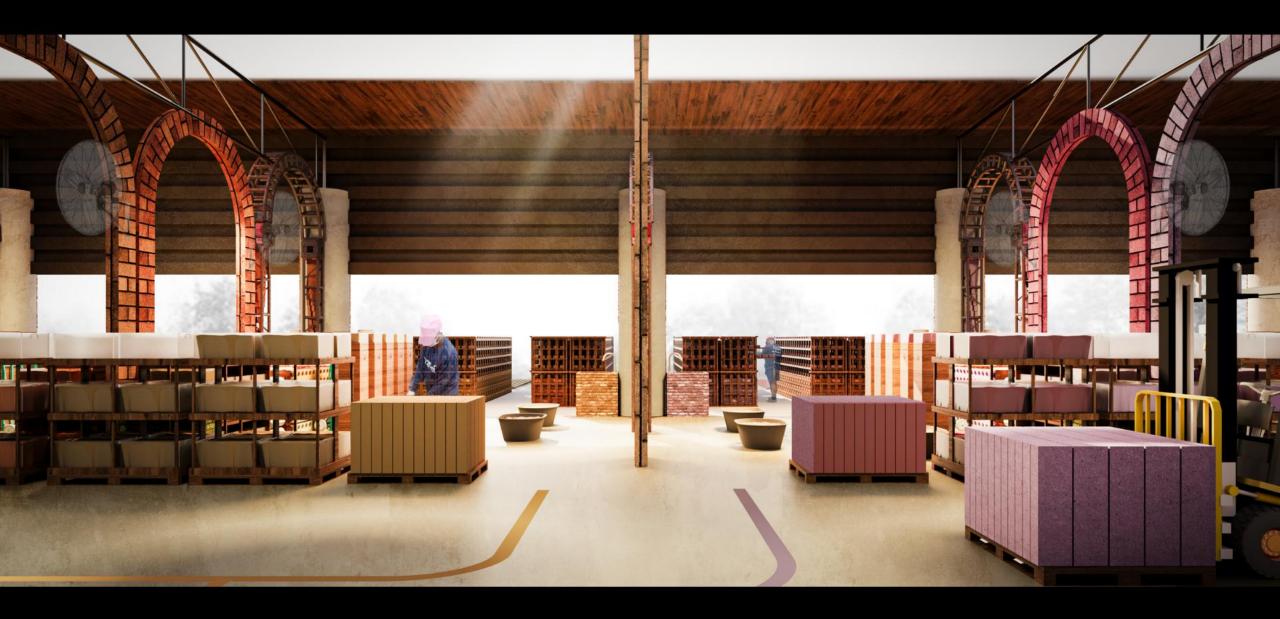












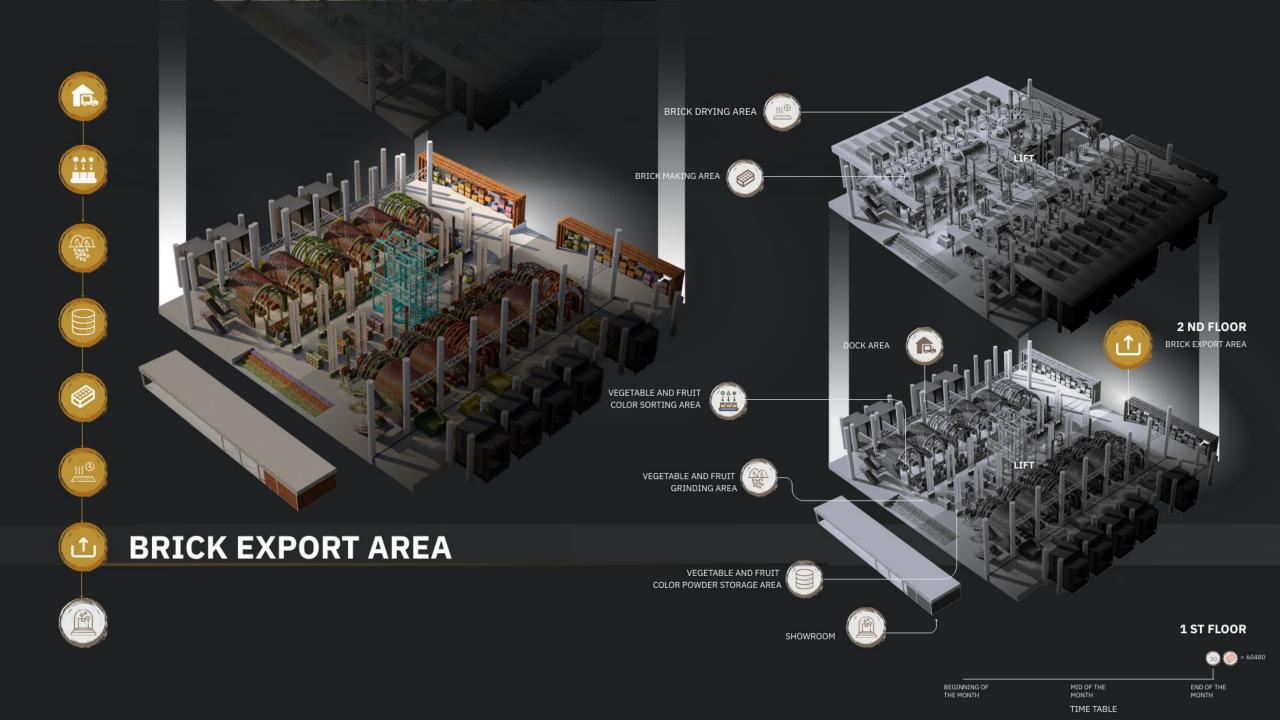


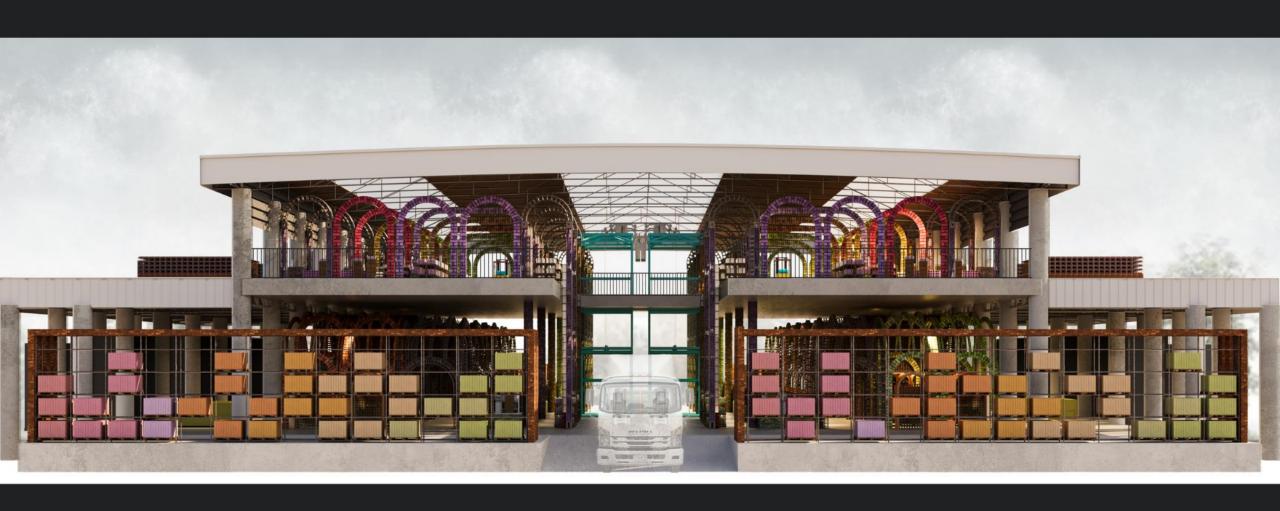


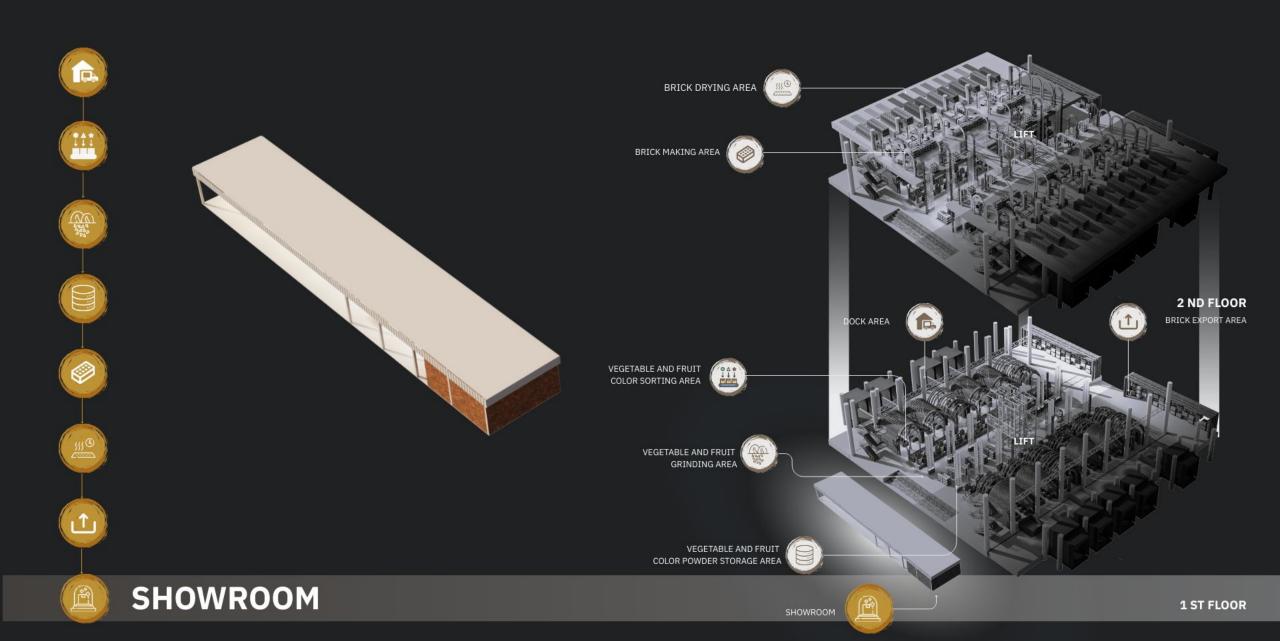




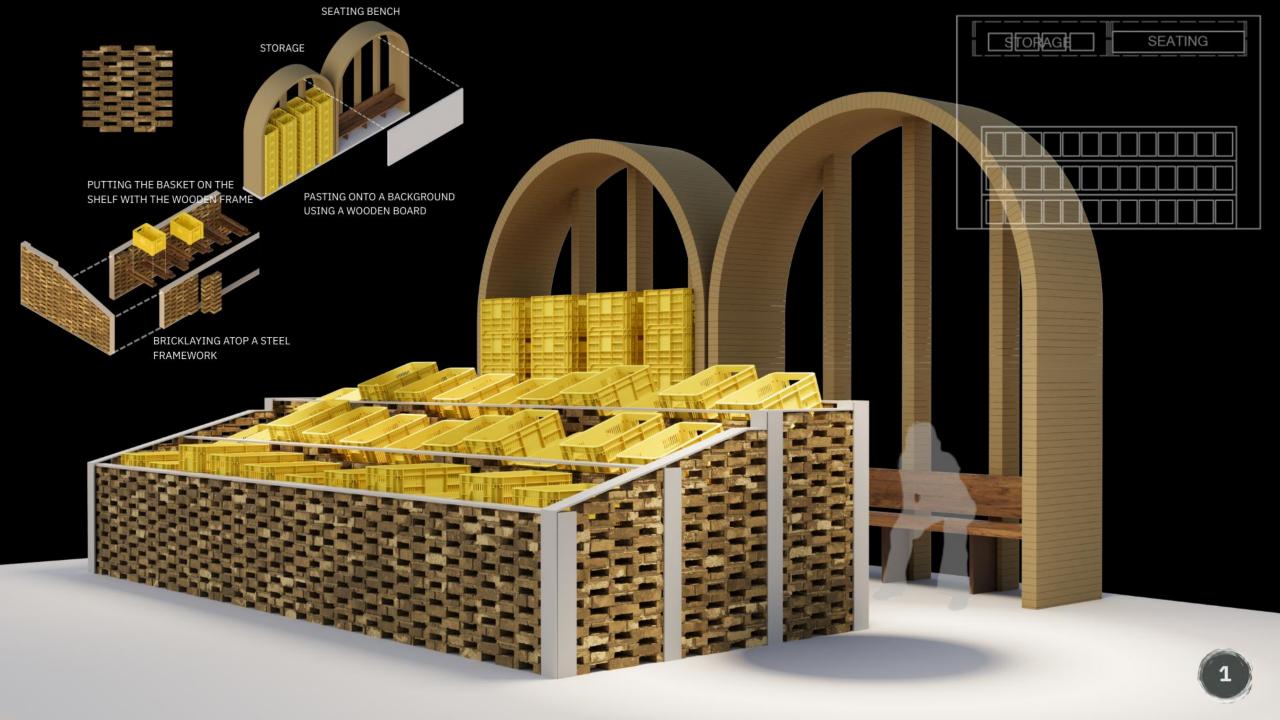




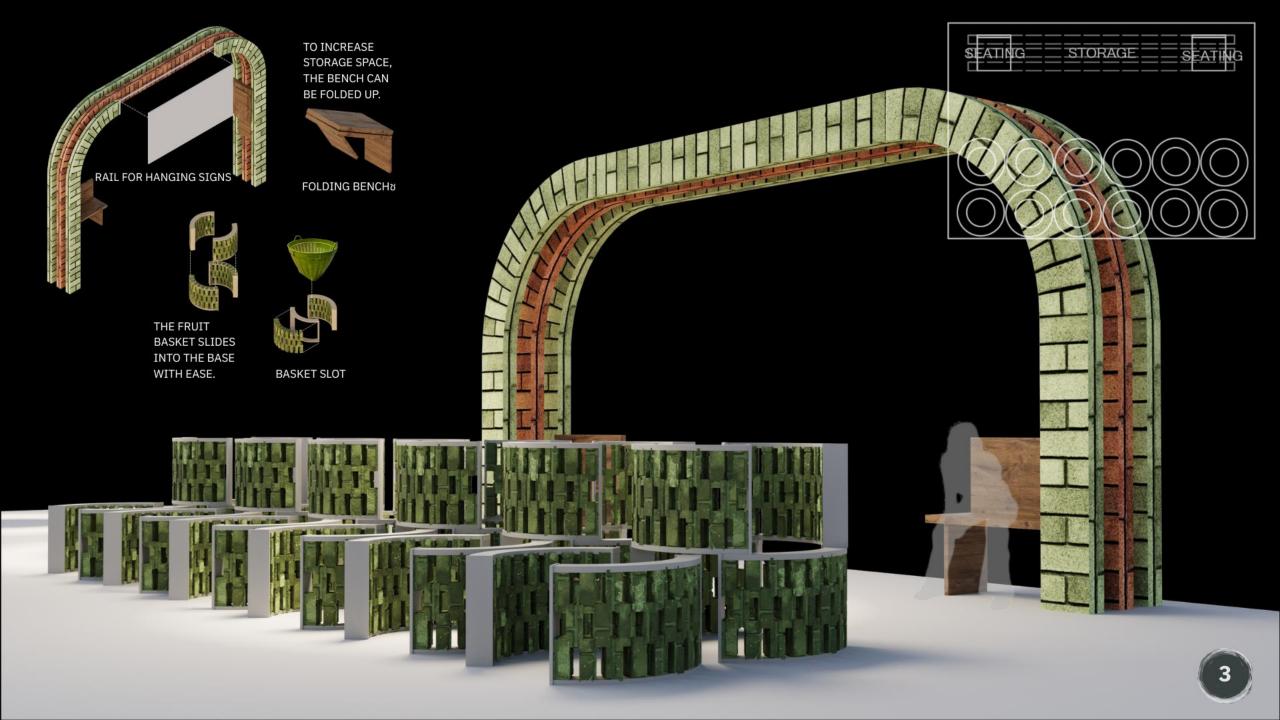
















I hope this project can serve as a small local beginning that inspires a broader movement in transforming how we manage food waste in the future.

- Thank you -