JACK-IN-THE-BOX

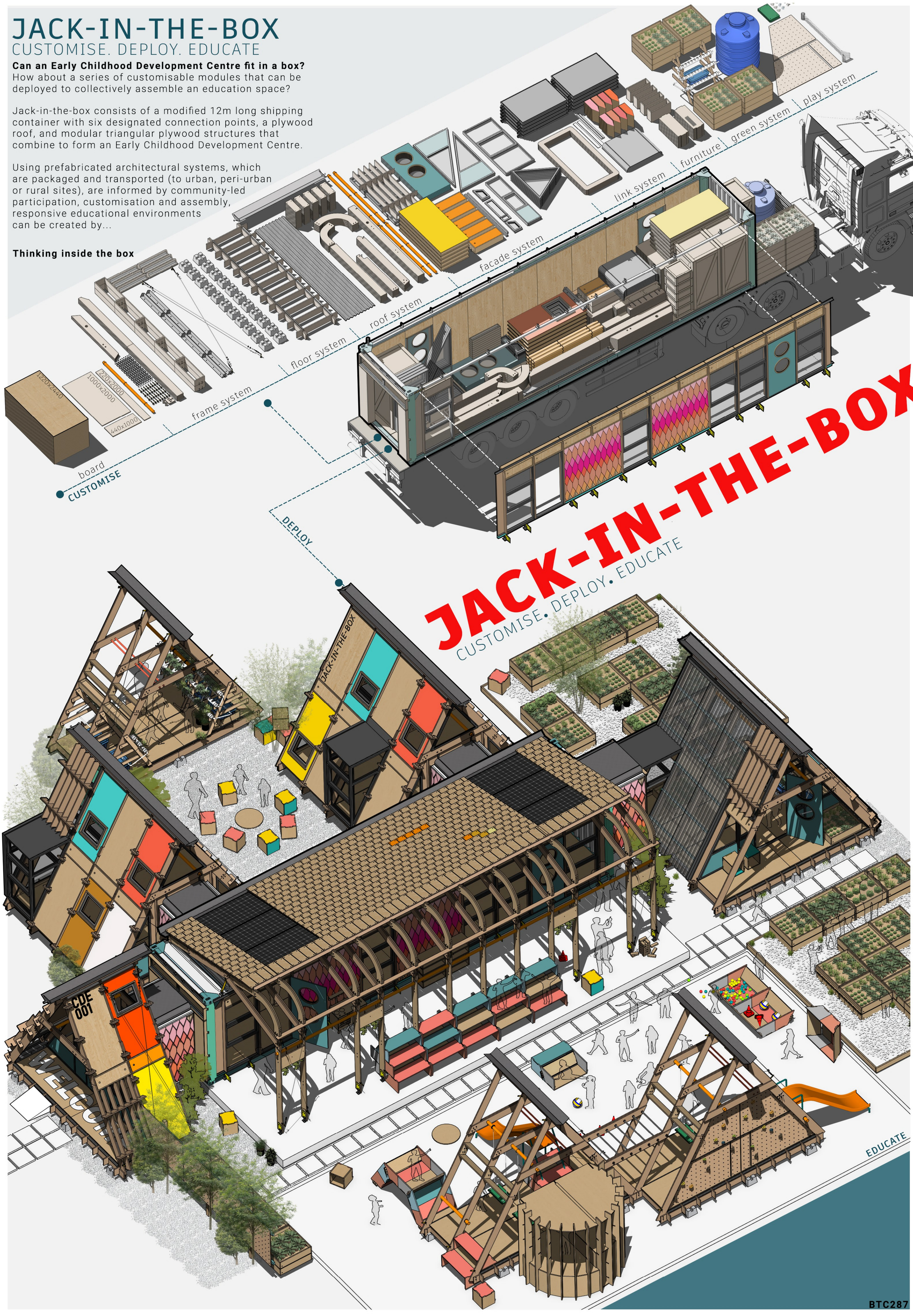
CUSTOMISE. DEPLOY. EDUCATE

Can an Early Childhood Development Centre fit in a box?
How about a series of customisable modules that can be deployed to collectively assemble an education space?

Jack-in-the-box consists of a modified 12m long shipping container with six designated connection points, a plywood roof, and modular triangular plywood structures that combine to form an Early Childhood Development Centre.

Using prefabricated architectural systems, which are packaged and transported (to urban, peri-urban or rural sites), are informed by community-led participation, customisation and assembly, responsive educational environments can be created by...

Thinking inside the box



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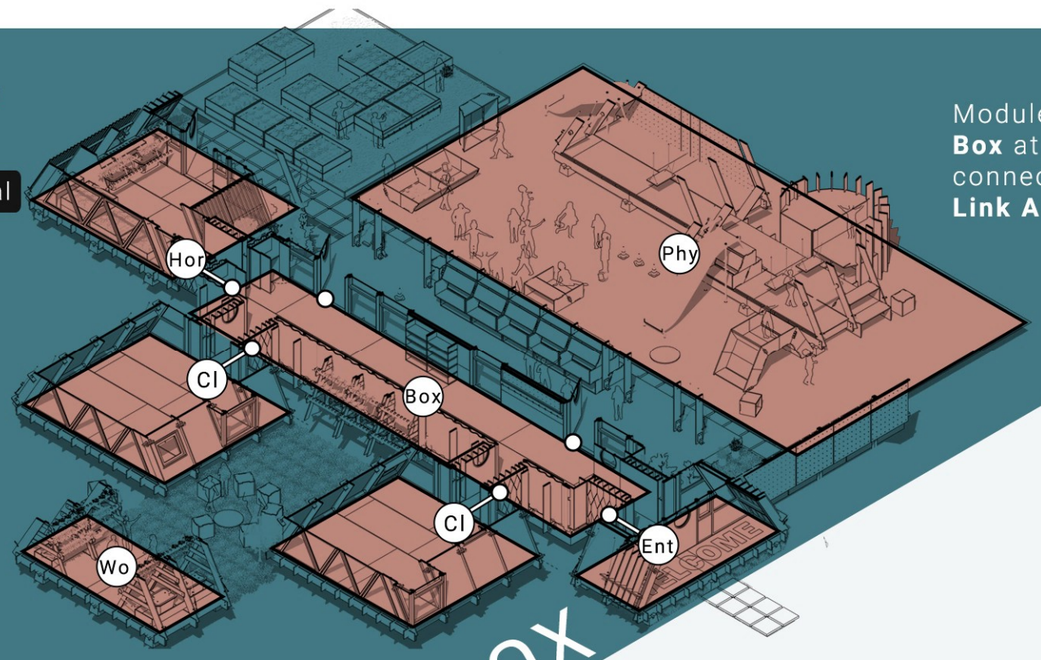
Do we need 3 or 4 classrooms?
What if our community wants to be part of the project?
How many modules can we afford?

Box + **Ent**rance + **Cl**assroom + **Hor**ticulture + **Phy**sical

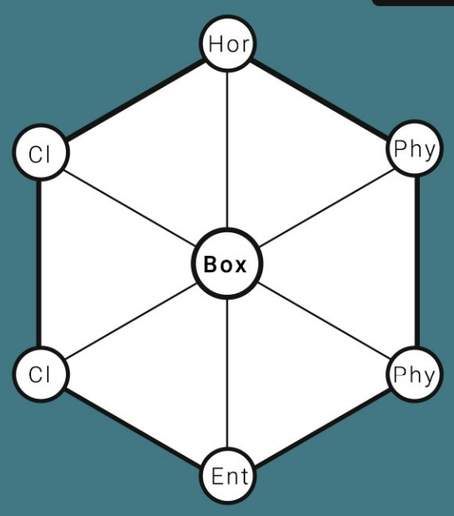
Workshop

Cinema

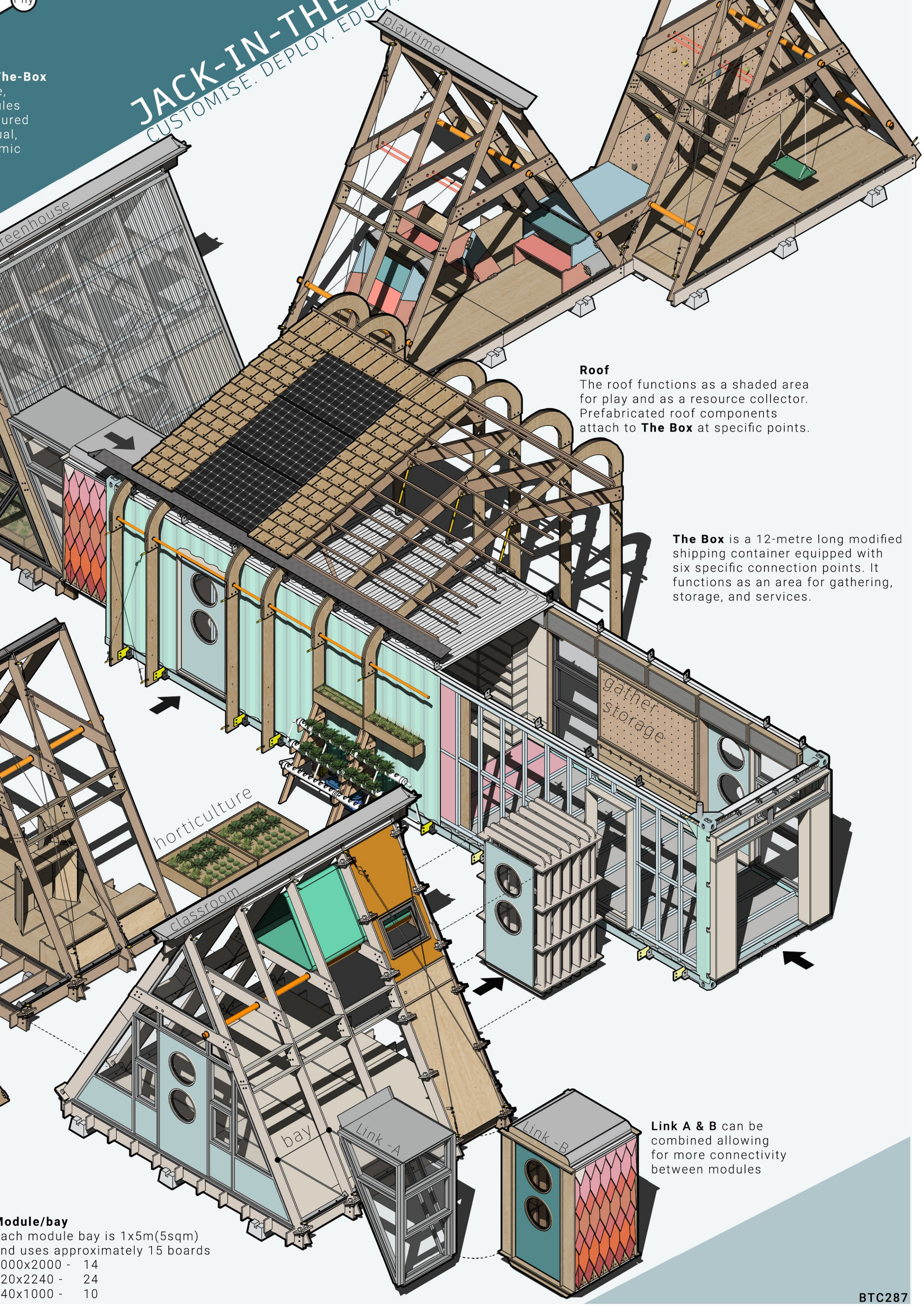
Coffee Shop



Modules are connected to the **Box** at any of the six designated connection points utilising the **Link A** and **Link B** modules.



The anatomy of **Jack-In-The-Box** consists of scalable, interchangeable modules designed to be reconfigured according to contextual, functional, and economic considerations.



Roof
The roof functions as a shaded area for play and as a resource collector. Prefabricated roof components attach to **The Box** at specific points.

The Box is a 12-metre long modified shipping container equipped with six specific connection points. It functions as an area for gathering, storage, and services.

Materiality
Timber boards, including plywood, oriented strand board (OSB), and medium-density fibreboard (MDF), are utilised as both primary and secondary construction materials, forming the structure, facade, roof, & other elemental systems.

Furniture modules can be reconfigured into seating/ benches/tables/playground equipment

Module/bay
Each module bay is 1x5m(5sqm) and uses approximately 15 boards
1000x2000 - 14
220x2240 - 24
440x1000 - 10

Link A & B can be combined allowing for more connectivity between modules

BTC287