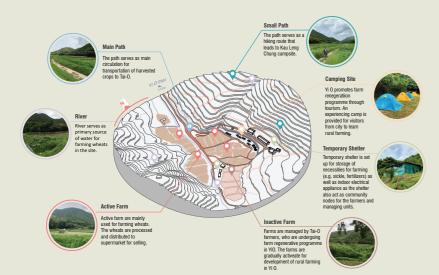
The Rehabilitation Farmhouse

Situated at the vehicle unreachable valley, Yi O is a once abandoned traditional village that serves as a base for the recent grain recultivation movement. With its prime aim to house settlers, The Rehabilitation Farmhouse advocates an easy transport and built micro-home without sacrificing flexiblity and the possibility for self determination of residents. The project

features a "one wall one programme" modularity, cores and electives wall components provides a high degree of customization freedom for residents. One could formulate their cozy home according to ones' art of living and character in the recultivation movement. Extendable units attachable to each household resembles the intimate communal



Recultivation Condition in Yi O



Historical Timeline of Yi O



Villagers settled in the old to the seaside to form the

new village under Fengshui

Over 1000 villagers lived and worked in the village. based on planting rice and





Industrialization and globalization caused the fall out of farming and

Most villagers moved out and all economic activities ceased. Farmlands are abandoned.



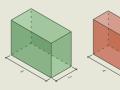
Recultivation

Yi O Agricultural Cooperation is founded and cooperate with farmers to

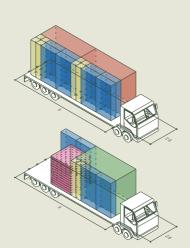


Rebuild homes and facilities for farmers to revive a community that live and

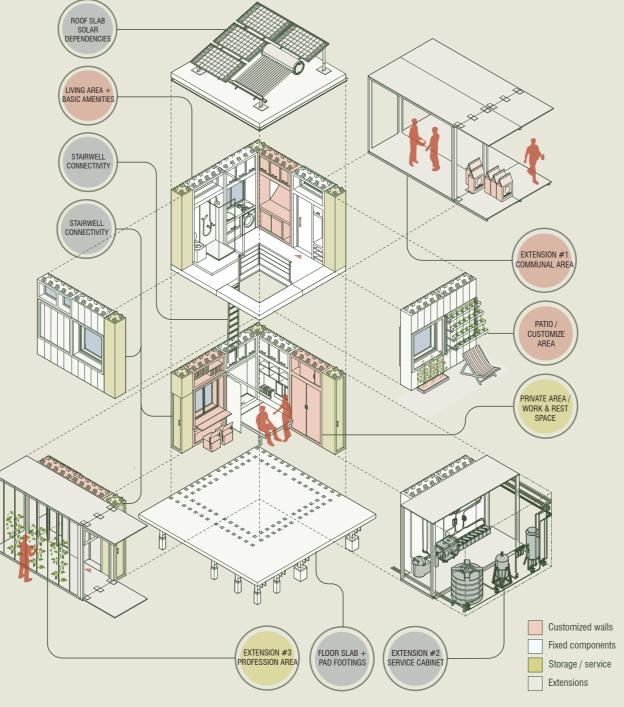
Transportation



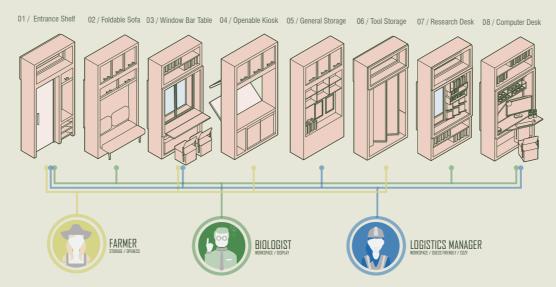
Roof/floor slab



Prefabricated elements are transported



Customization of Walls

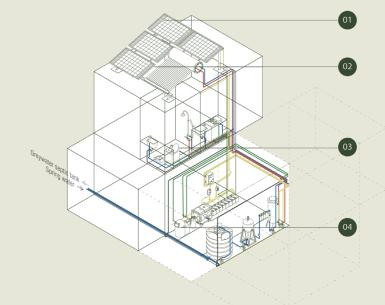


Layout Variations





Service System





Used to convert solar

power to electrical

power as the main

energy source. System

allow energy storage in

01 Solar Panels





03 Urine-diverting Compost Toilet

Urine is diverted to the biodigester. Faeces is



Decomposted manure and food waste are disposed in the biodigester to produce

biogas for cooking and