Module variations

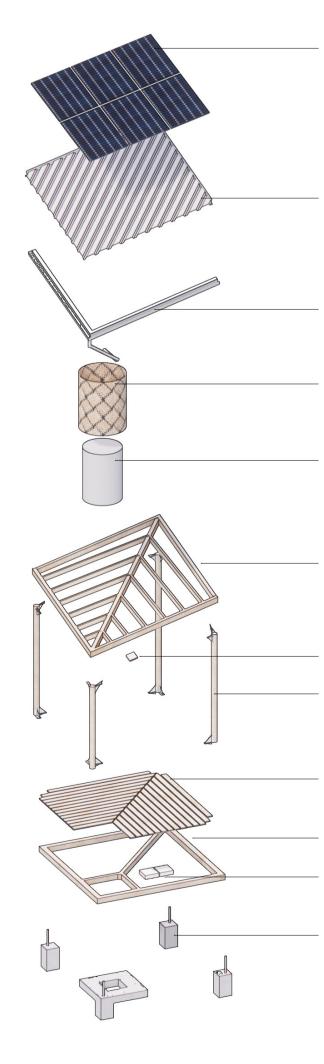
M1 - garden, playground, agriculture



М3 - social terrace - seating, lunge, meeting place



Module elements



M2 - rainwater tank - agriculture /agrivoltaic



М4 - rainwater tank - social terrace



- 6 x 430w 1.1 m x 1.7m monocrystalic glass-glass panels with 30y warranty - anti-cyclone mounting system - 45° rotation to reduce wind pressureand uplifting - offset from the roof edge

- recycled corrugated steel sheet - 45° rotation to reduce wind pressure & uplifting - easy rainwater flow into one corner gutter

- steel gutter with first flush diverter

- tank cover made from impregnated woven palm leafs

- stainless rainwater tank 2400L with mechanic, ceramic and carbon filter - two outputs for utility & drinking water

- leaf like beam structure made from local hardwood - stiffened with cyclone metal straps

- micro-inverter under the roof

- 4 hardwood columns, circular shape to improve the wind-flow - triangular corner steel brackets for side forces protection

- elevated deck from local impregnated hardwood

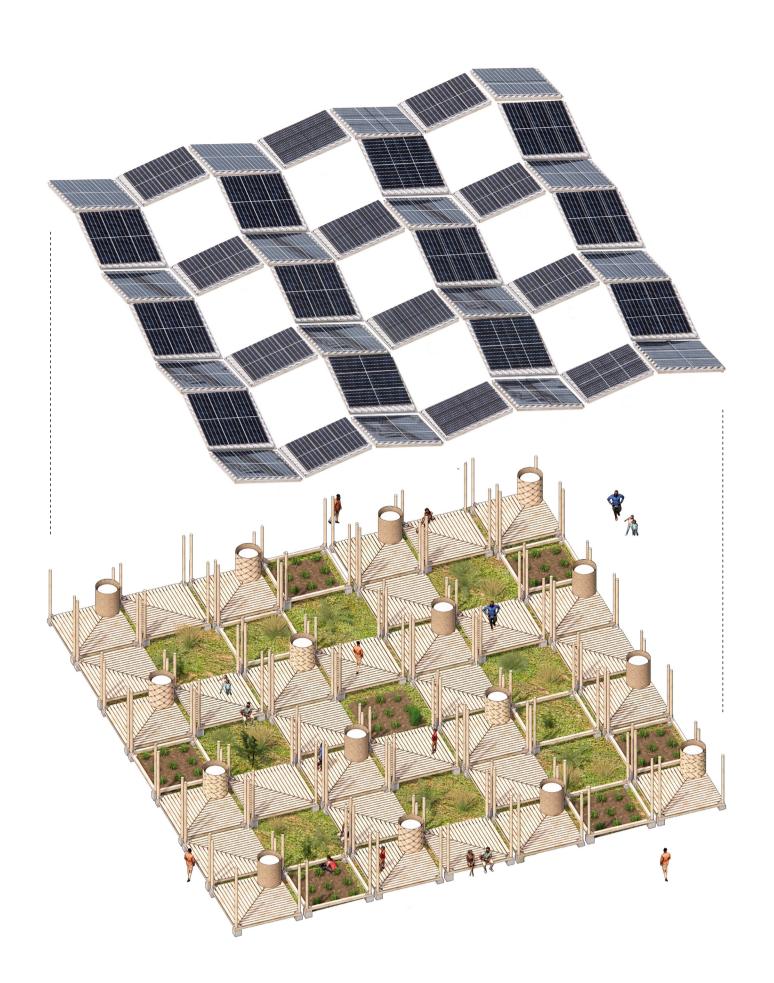
- deck structure stiffening the whole wooden frame

- 2x LFP batteries 7kWh under the deck

- point concrete/rock foundations with steel column pins

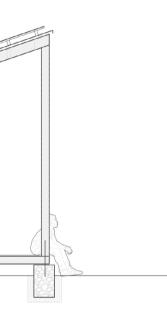
- slab foundation for rainwater tank

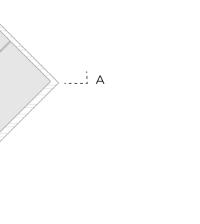
Example modules composition - XXL

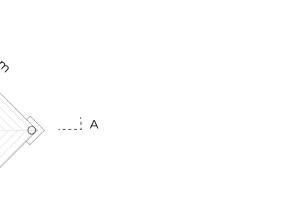


Single module - section & plans

A-A section Roof plan Terrace plan Α 0 1m 2m 5 m











aerial from south - XXL