

SEED HOUSE

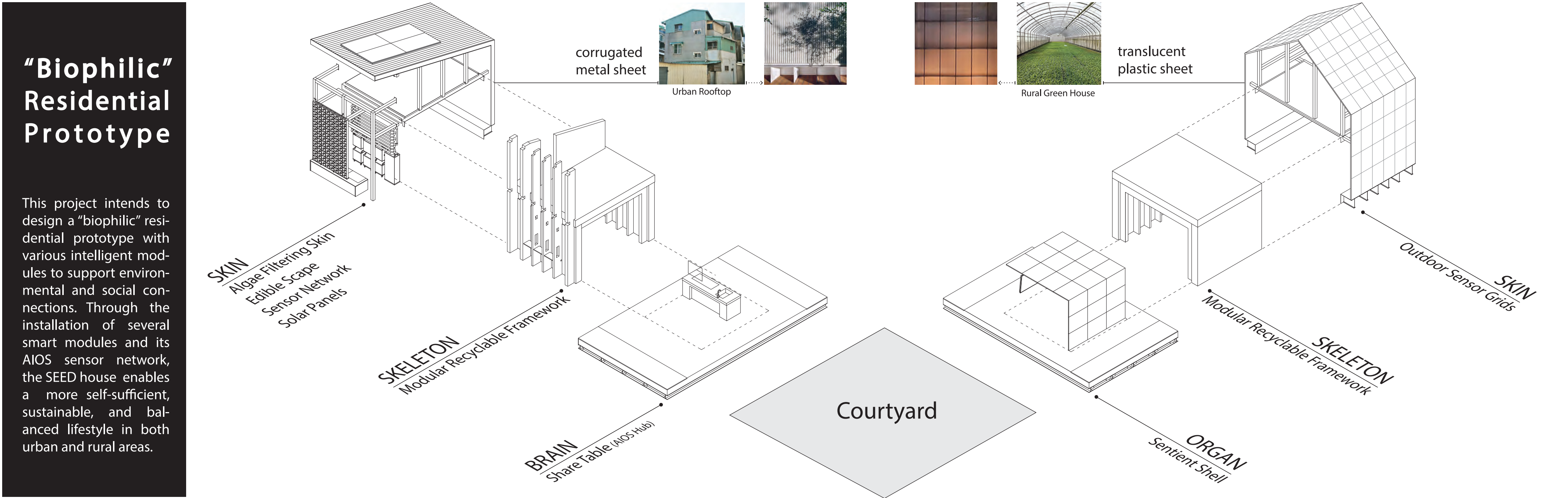
Urban / Rural living with Environmental Intelligence



Urban SEED HOUSE



Rural SEED HOUSE



hardware	SKIN eco-envelope	hardware	SKELETON recyclable structure	software	NERVOUS SYSTEM IOT sensor network	software	BRAIN A.I.O.S Hub (Architectural Intelligence Operation System)
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Life in Green

Algae Filtering Skin and Edible Scape are vertical greenery for sustainable living.

Algae Filtering Skin (P.3)

- # Smart Air Quality Control
- # Balance with Symbiotic Process

(interior sensing)
CO₂ → air exchange → O₂
→ (exterior photosynthesis)

Auto Watering

Nutrition Sensors

A. Nutrient Tank

B. Automated PH and Nutrient Controller

[exchange with community]

Edible Scape (P.4)

- #Self-sufficiency
- #Social connection
- #Assemblable planting pots

Modular Recyclable Framework (P.5)

- #Netzero Material (waterproof CLT)
- #Recyclable/Reassemblable Structure
- #Expandable Space

Remote Co-Living

Share Table is the IoT sensing hub for environmental control and distant cooking.

Share Table (P.6)

- #IoT Control and Sharing Hub
- #Social Data
- #Environmental Data

LOCAL

REMOTE

Algae Filtering Skin

Edible Scape

Air Quality

Solar Energy

[Environmental Data]

[Social Data]

SmArt Space

Sentient Shell enables creative and healing interaction in daily life.

Sentient Shell (P.7)

- #Situational Feedback
- #Hybrid & Sensible Material
- #Responsive Space

BEHAVIOR

SOCIAL

ROUTINE

UBAN

RURAL