Food and Agriculture Organization of the United Nations

URBAN SUPER forest

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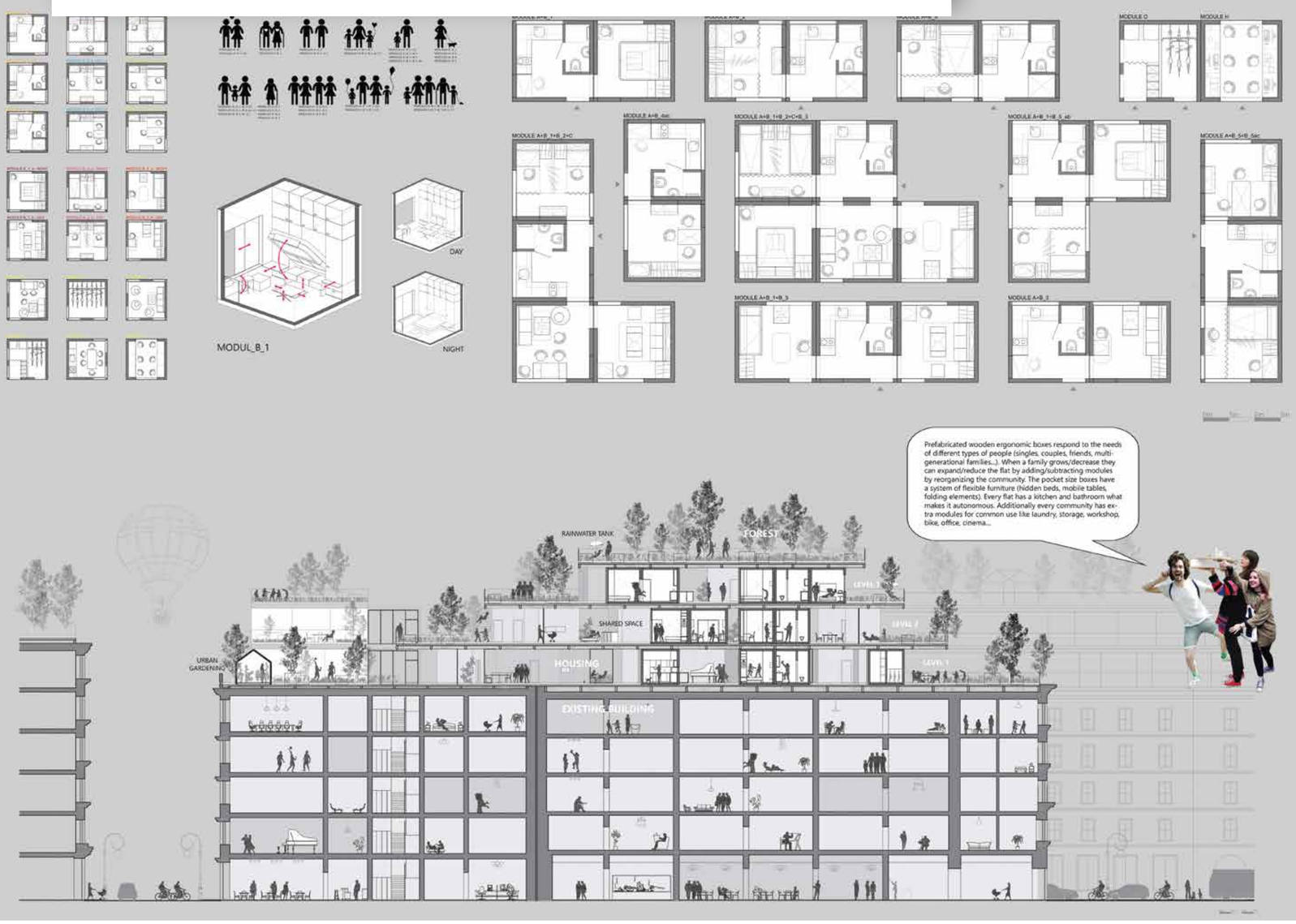
The Urban Super Forest is constructed from lightweight wooden structures that are situated atop pre-existing urban buildings to reduce land-use. The vertical buildings are enhanced with the qualities of a forest ecosystem. Trees improve air quality, reduce humidity, control wind, and absorb sound, while providing shade and lowering temperatures. Living in green spaces also reduces stress for residents, making them happier and healthier.

Adaptable prefabricated wooden modular housing units respond to the needs of changing household sizes. When a family grows or shrinks, a housing unit can be expanded or reduced by the addition or subtraction of modular units.

Each autonomous flat has a bathroom and a kitchen and is outfitted with a flexible furniture system that includes hidden beds, mobile tables and other folding and compact elements that reduce the amount of personal space required by each inhabitant. By reducing personal space, large common areas can be made available for meetings, socializing and leisure activities. Additional modules can provide shared spaces for dining rooms, laundry rooms, storage areas, workshops, offices, cinemas, etc. By living in communities with 10 to 20 inhabitants, residents can share space, tools and time and greatly reduce the standard living space required by an individual.



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