



SUSTAINABLE LIFE STYLE

PROTECTS THE ENVIRONMENT
LIVE IN HARMONY
BUILDING RELATIONSHIPS
MUTUAL BENEFIT
CARE FOR THE EARTH



HOME-BASED
FAMILY-CENTERED
SIMPLER
SELF-SUFFICIENT LIFESTYLE

DESIGN IS FLEXIBLE ENOUGH
TO ADAPT TO FUTURE



W5
THEME: C

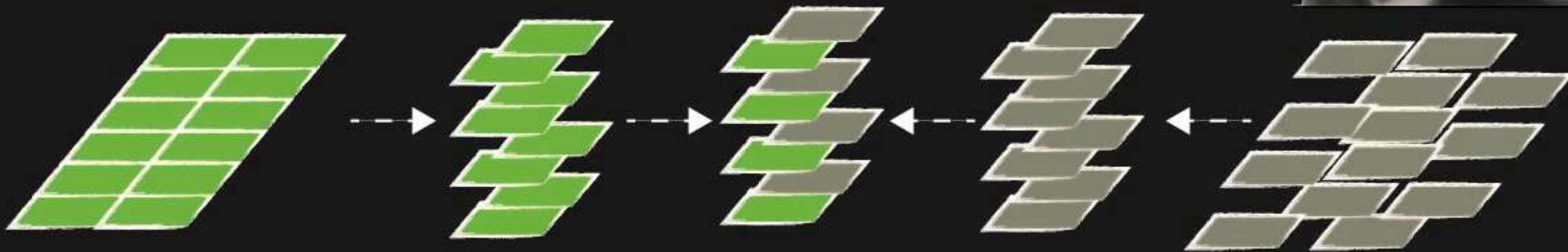
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Luca Strada Associati
Milano

ECOWEEK
2011 ... habit change ... climate change

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PROPOSAL

THINK IN A POSSIBLE SYSTEM
TO ALLOW THE VERTICAL INTEGRATION OF
URBAN AGRICULTURE



AGRICULTURE

VERTICAL
AGRICULTURE

AGRICULTURE
+
HOUSING

VERTICALIZATION
OF THE CITY

CITY
GROWTH

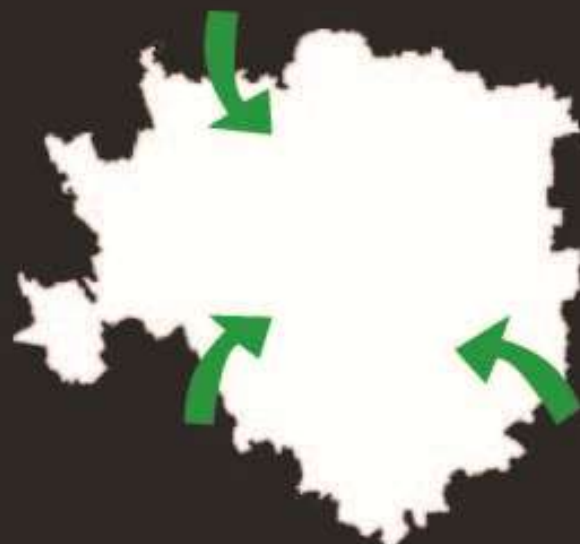


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POSSIBLE SOLUTION

- SELF SUFFICIENT ALIMENTARY SUPPLIES



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POSSIBLE SOLUTION

- SELF SUFFICIENT ALIMENTARY SUPPLIES
- CREATION OF A SENSE OF COMUNITY

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POSSIBLE SOLUTION

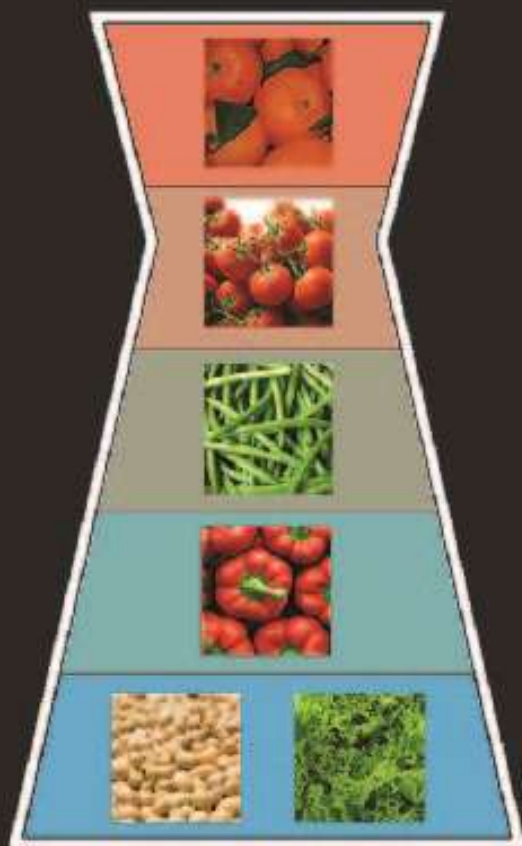
- SELF SUFFICIENT ALIMENTARY SUPPLIES
- CREATION OF A SENSE OF COMUNITY
- USE OF TECNOLOGY TO INVERT THE TREND

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WARM
CULTIVATION

TEMPERATE
CULTIVATION

COLD
CULTIVATION



WAY TO USE IT



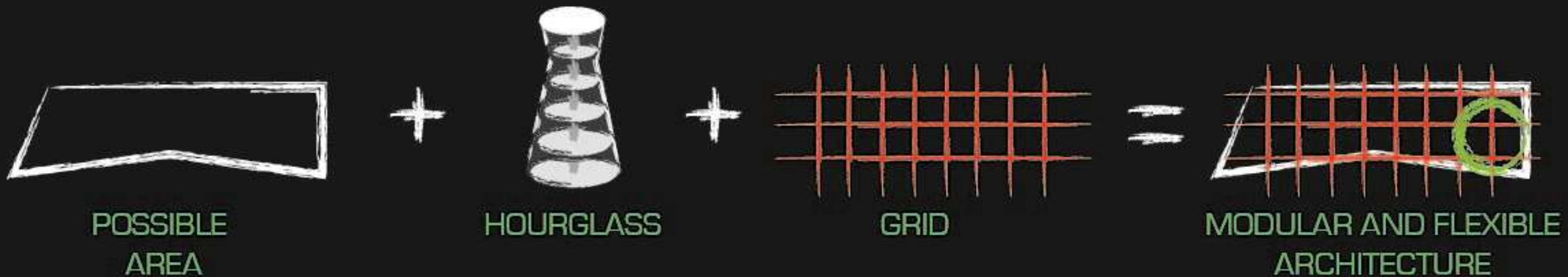
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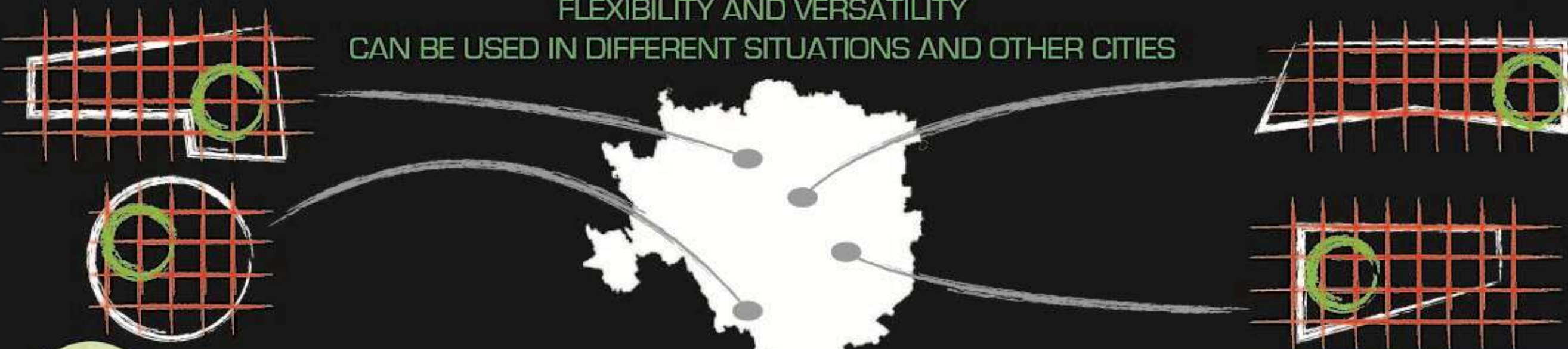
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ARCHITECTURAL CONCEPT



FLEXIBILITY AND VERSATILITY
CAN BE USED IN DIFFERENT SITUATIONS AND OTHER CITIES



REGARDLESS OF THE TYPE AREA OF THE BUILDING

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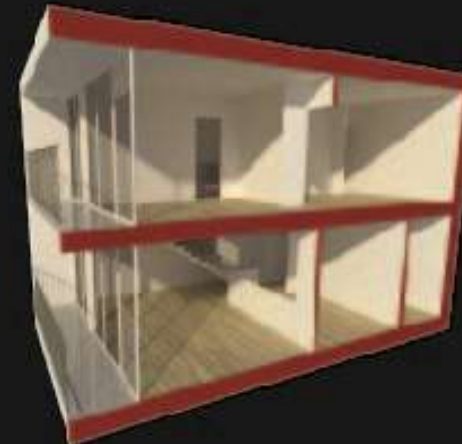
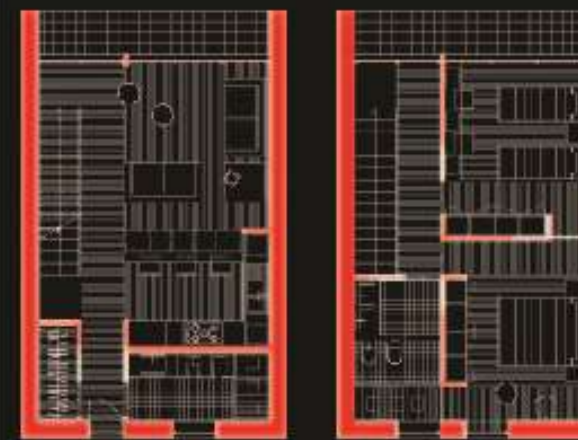
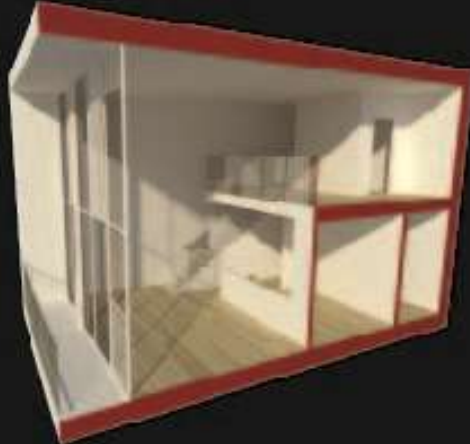
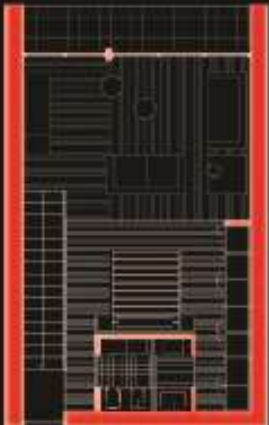
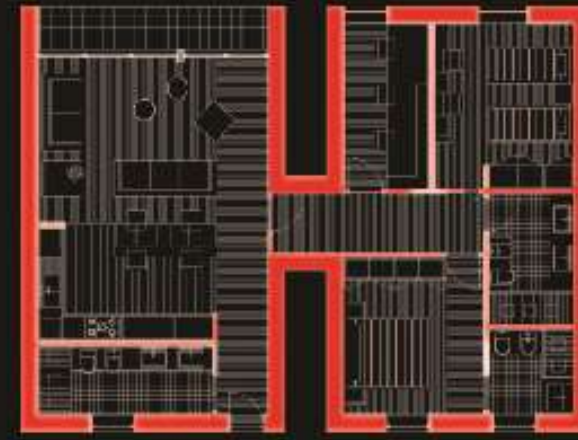
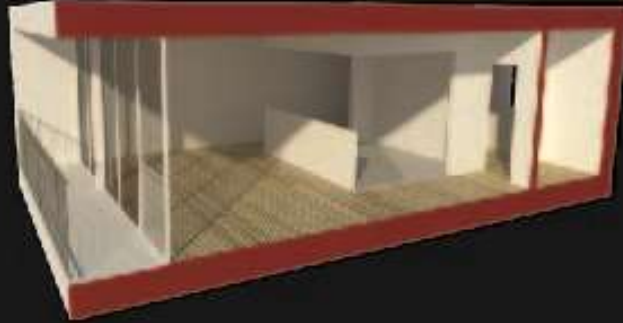
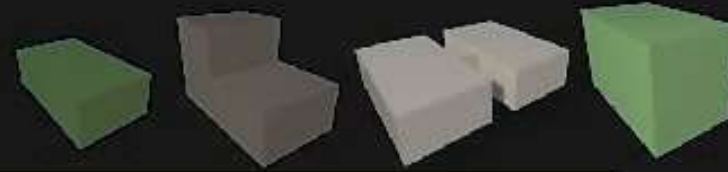
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FLEXIBILITY HOUSES



SUPPORTS
20 FAMILIES



SIMPLEX 46mq

SIMPLEX 90mq

DUPLEX 65mq

DUPLEX 90mq



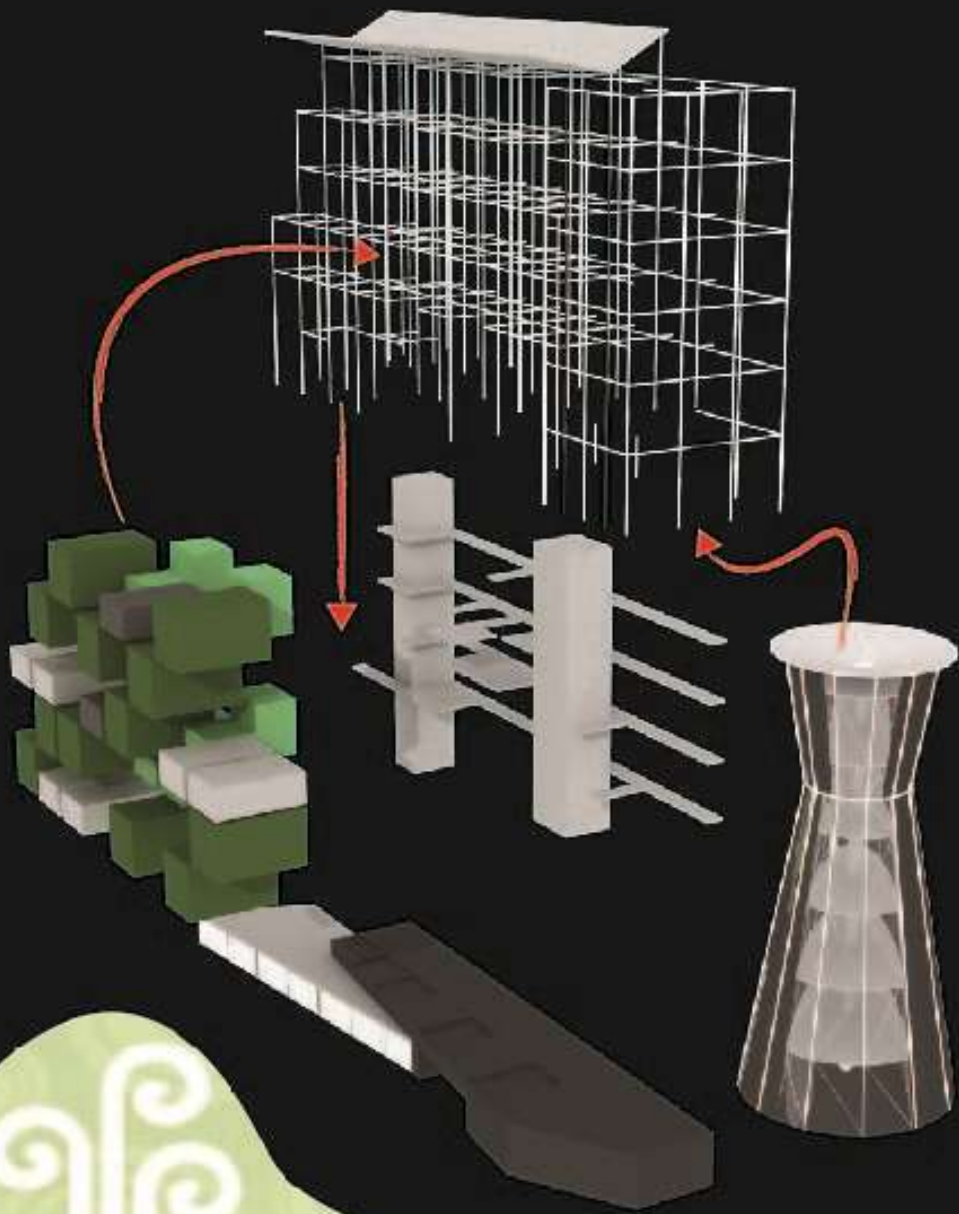
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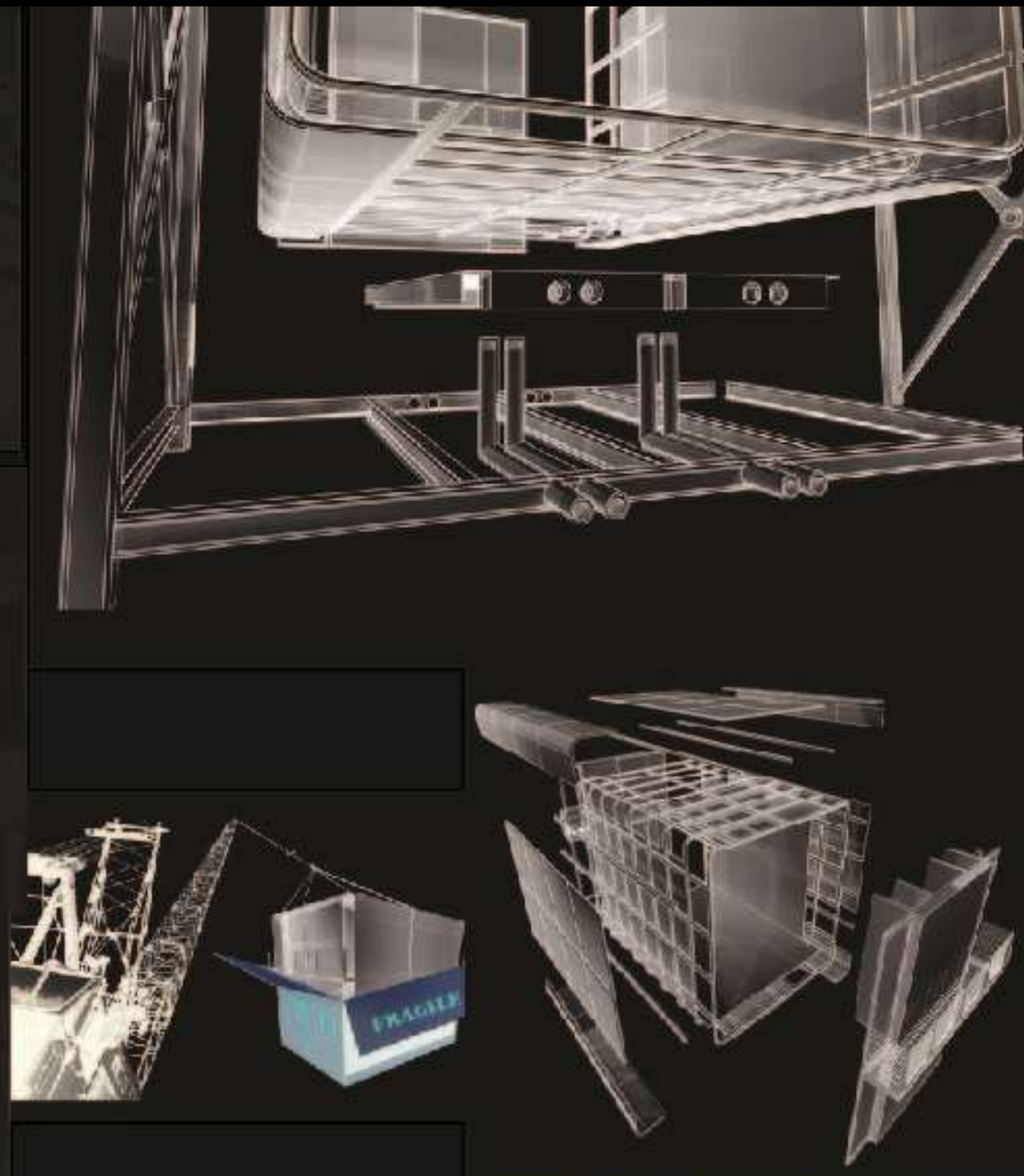
BUILDING TECHNICAL RESOURCES



- ENERGY: on-site generation**
- 1 Wind Turbines
 - 2 Photovoltaics
 - 3 Biofuel
 - 4 Hydrogen Fuel Cell

- INDOOR QUALITY: site driven**
- 5 Ventilation Controls
 - 6 Thermal Spine
 - 7 Double Skinned Facade
 - 8 Earth Tubes

- WATER: collection and enrichment**
- 9 Rain Water Collection
 - 10 Pre-seeded Soil
 - 11 Living Machine
 - 12 Greywater Cistern



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PROJECT



MASTER PLAN
3D REDERING



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