

sardinia 2017

Forte Village Resort S. Margherita di Pula (CA) / Italy 2-6 October 2017

SYMPOSIUM



Day 2 - Tuesday October 3
Session H4
"Waste management and the relation with the city and the community"



### Saverio Massaro PhD (IT)

RETHINKING THE SPACES OF WASTE MANAGEMENT INFRASTRUCTURE: TOWARDS INTEGRATED URBAN STRATEGIES TO AVOID URBAN SOLID WASTE IN CONTEMPORARY CITY







waste is a convention

from product to services

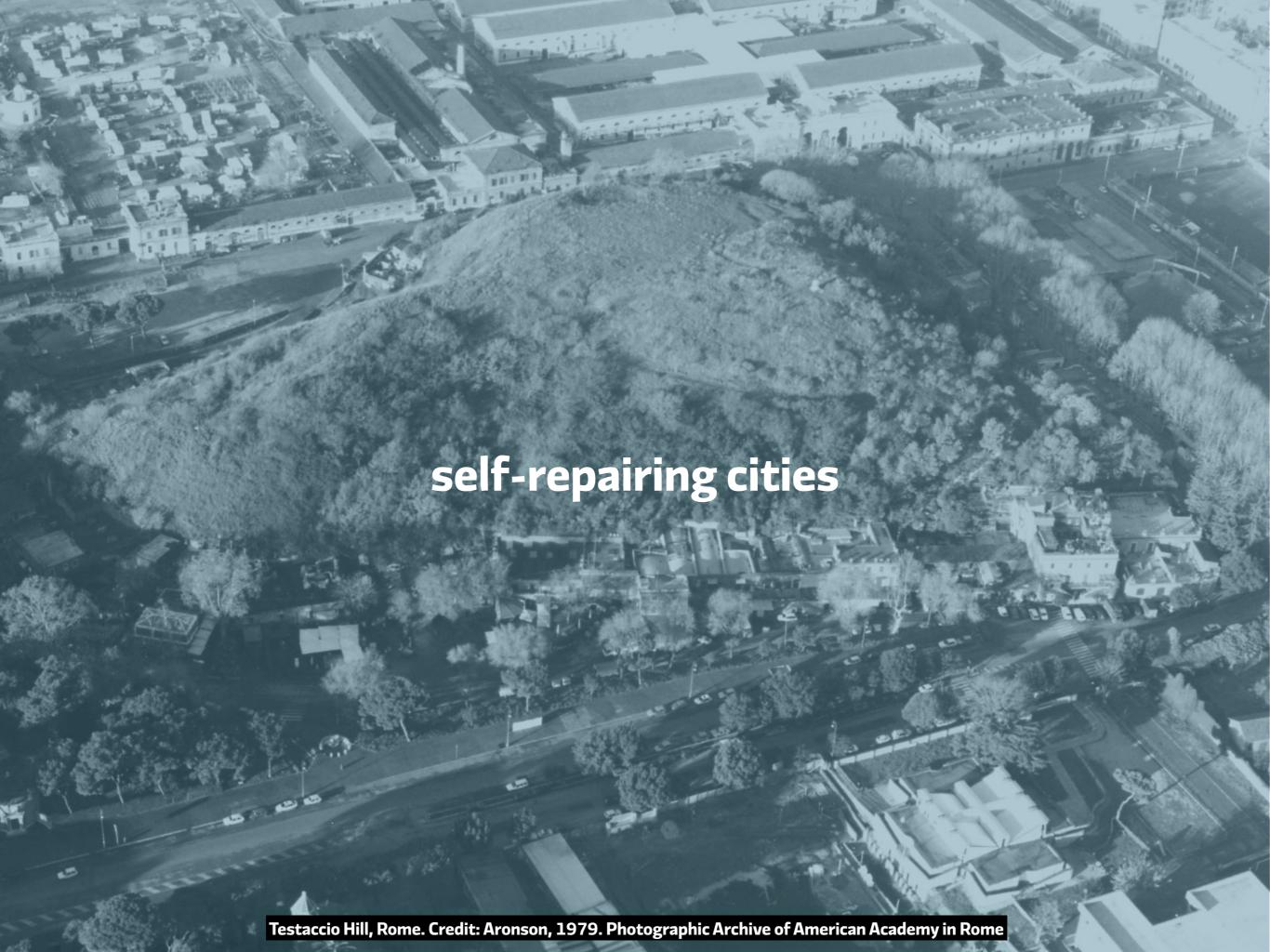
**KEY ASSUMPTIONS** 

city shrinkage

ecology vs efficiency

mixitè vs monofunctionality













**Avoid** 

Reduce

Reuse

Recycle

Recover

**Treat** 

Dispose

## TRANSLATING WASTE HIERARCHY INTO URBAN SPACES

## NEW LOCATIONAL GEOGRAPHIES

### principles

- synergy
- convergence
- hybridization
- adaptivity

# hardware and software: a proposal for a strategic framework



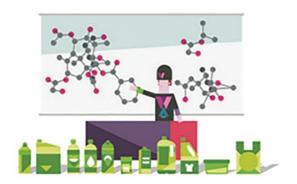
### URBANIZATION AND DEVELOPMENT

**Emerging Futures** 

UN HABITAT FOR A BETTER URBAN FUTURE





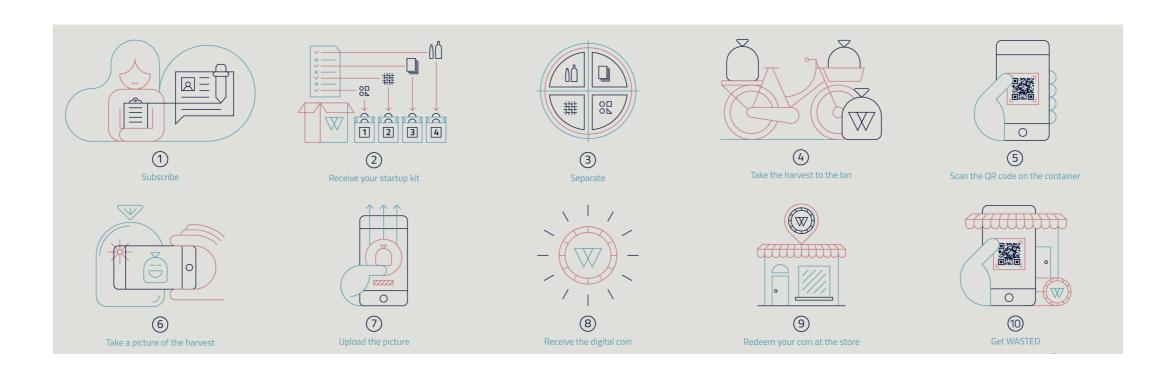




**WASTED Friends** 

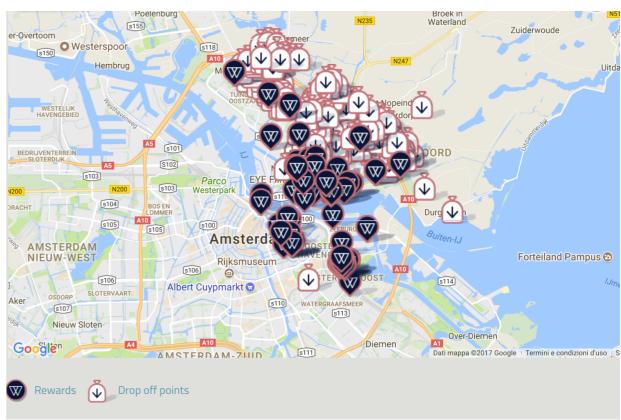
**Education Package** 

Workshops

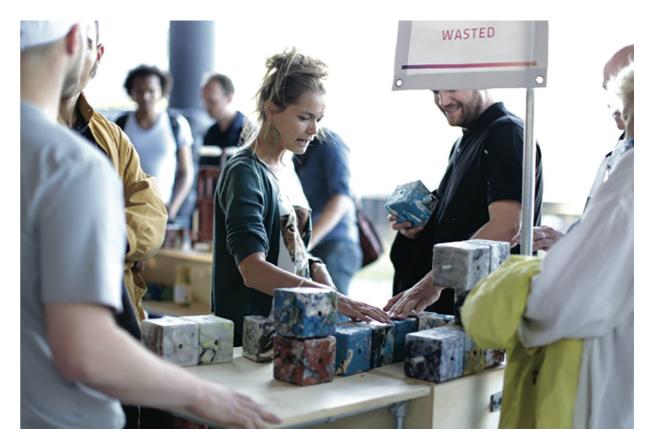


#### Wasted. Amsterdam





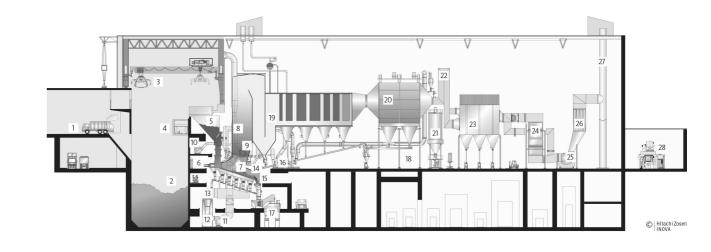


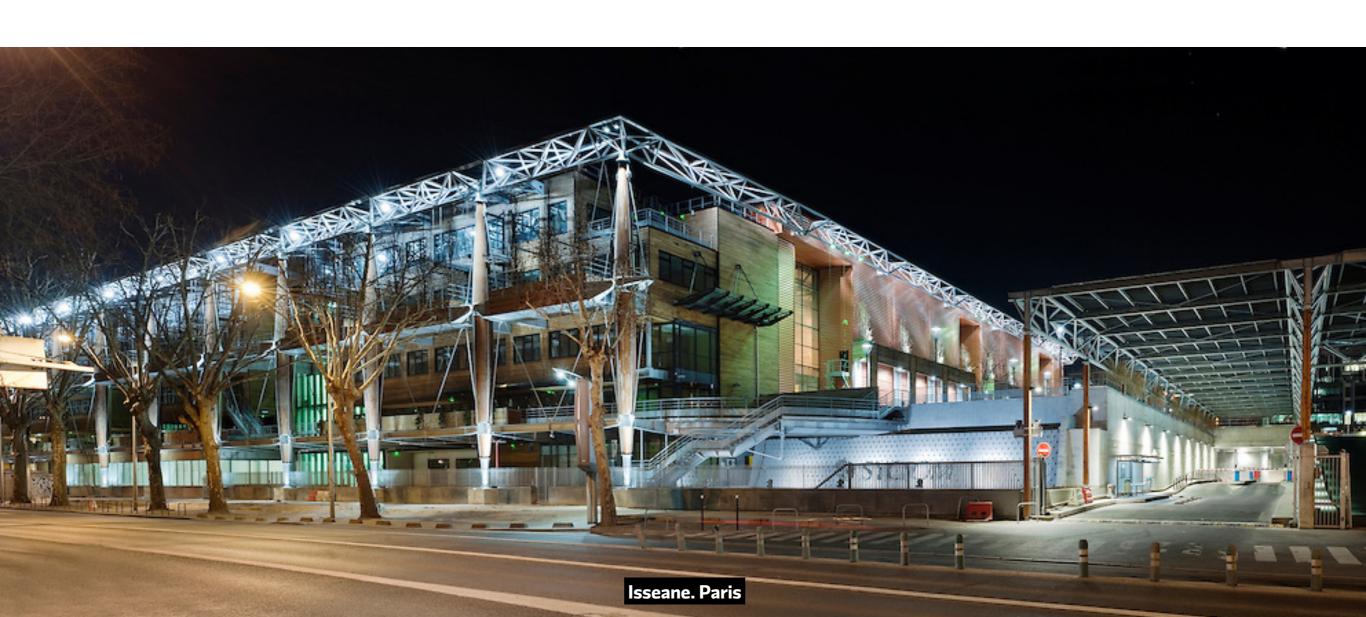


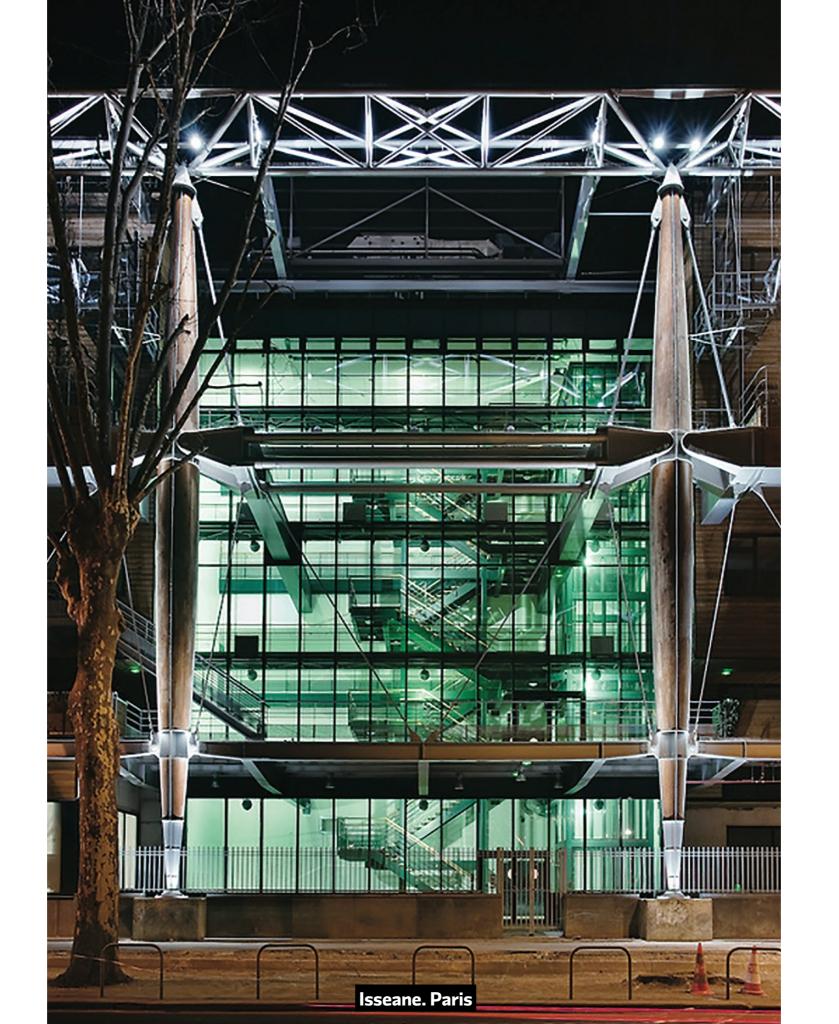
# aesthetic and program: an ongoing metamorphosis

















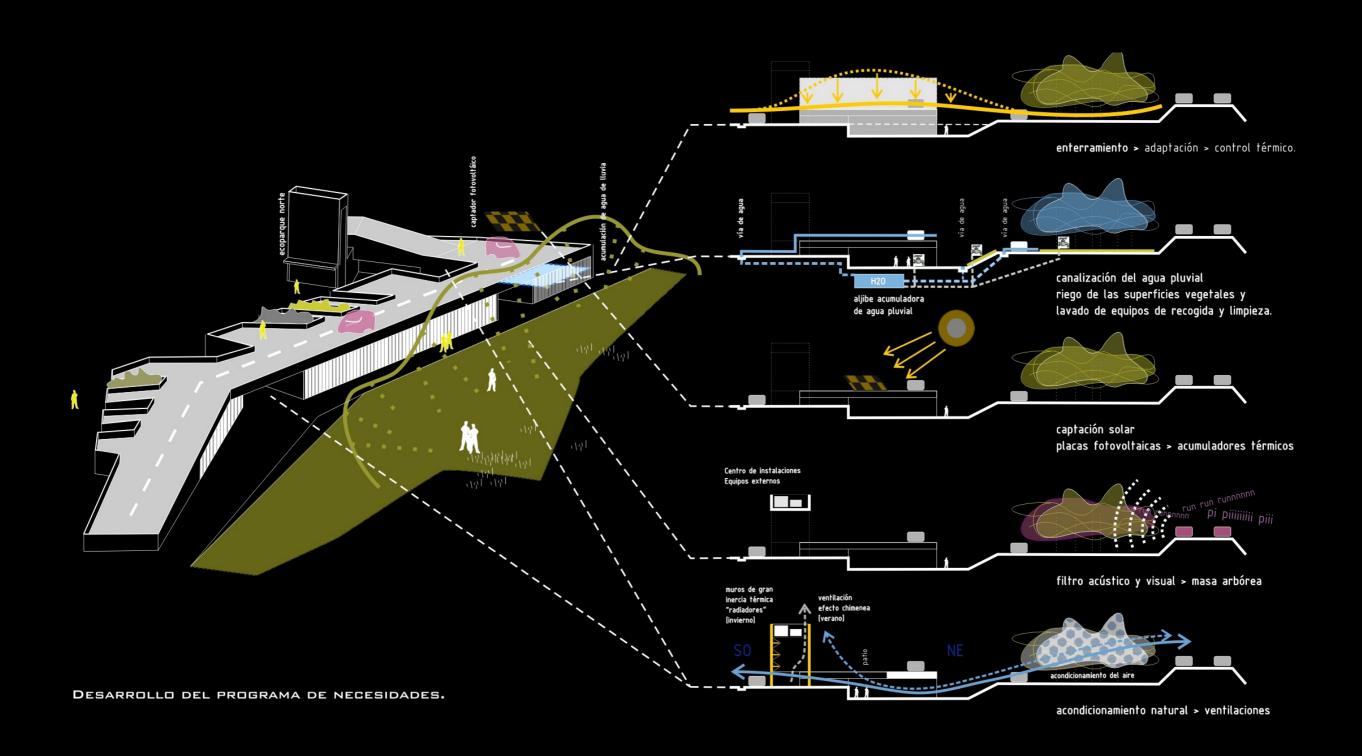










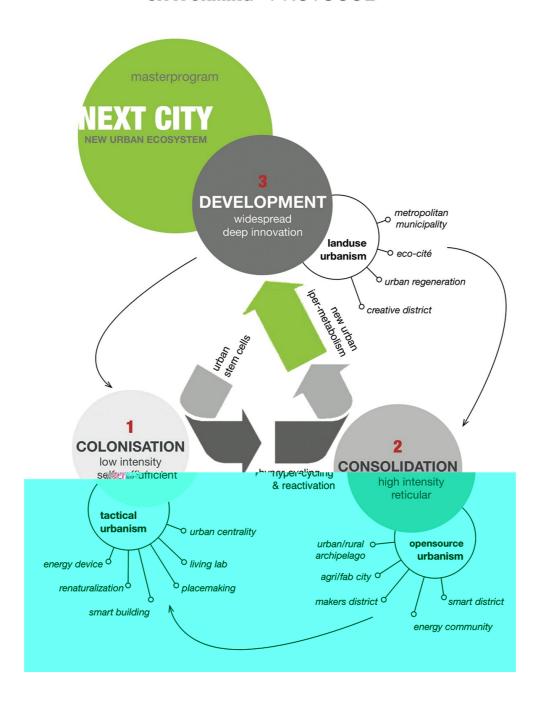


# towards a distributed and decentralized model

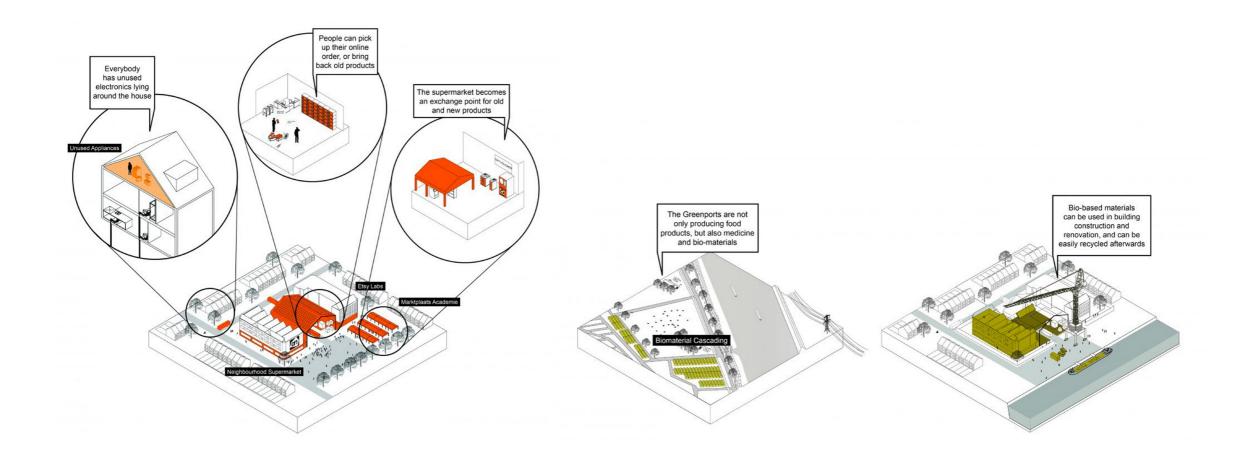


interscalar model

#### **CITYFORMING**<sup>©</sup> PROTOCOL



### incremental and adaptive approach



Provide solar PV collectors, microturbines to maximize on-site power generation and harvest rainwater for use in irrigation

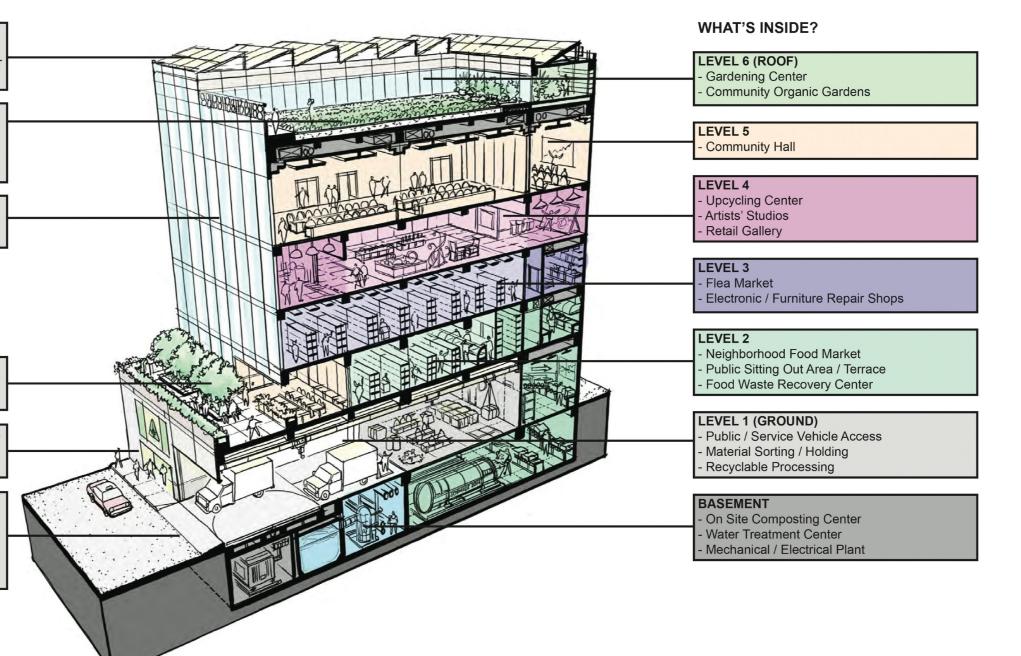
In applicable sites, provide rooftop community gardens to develop a culture of urban farming and reduction of imported foods throughout the city

Building envelope to use green high-performance materials to minimize energy consumption

Provide outdoor public spaces for gathering and eating to encourage visitation

Locate facility close to MTR stations and other public transport for ease of pedestrian access

Minimize width of building frontage to allow for the implementation of this concept in a wider variety of sites through the urban environment; create a vertically arranged facility



### infrastructures

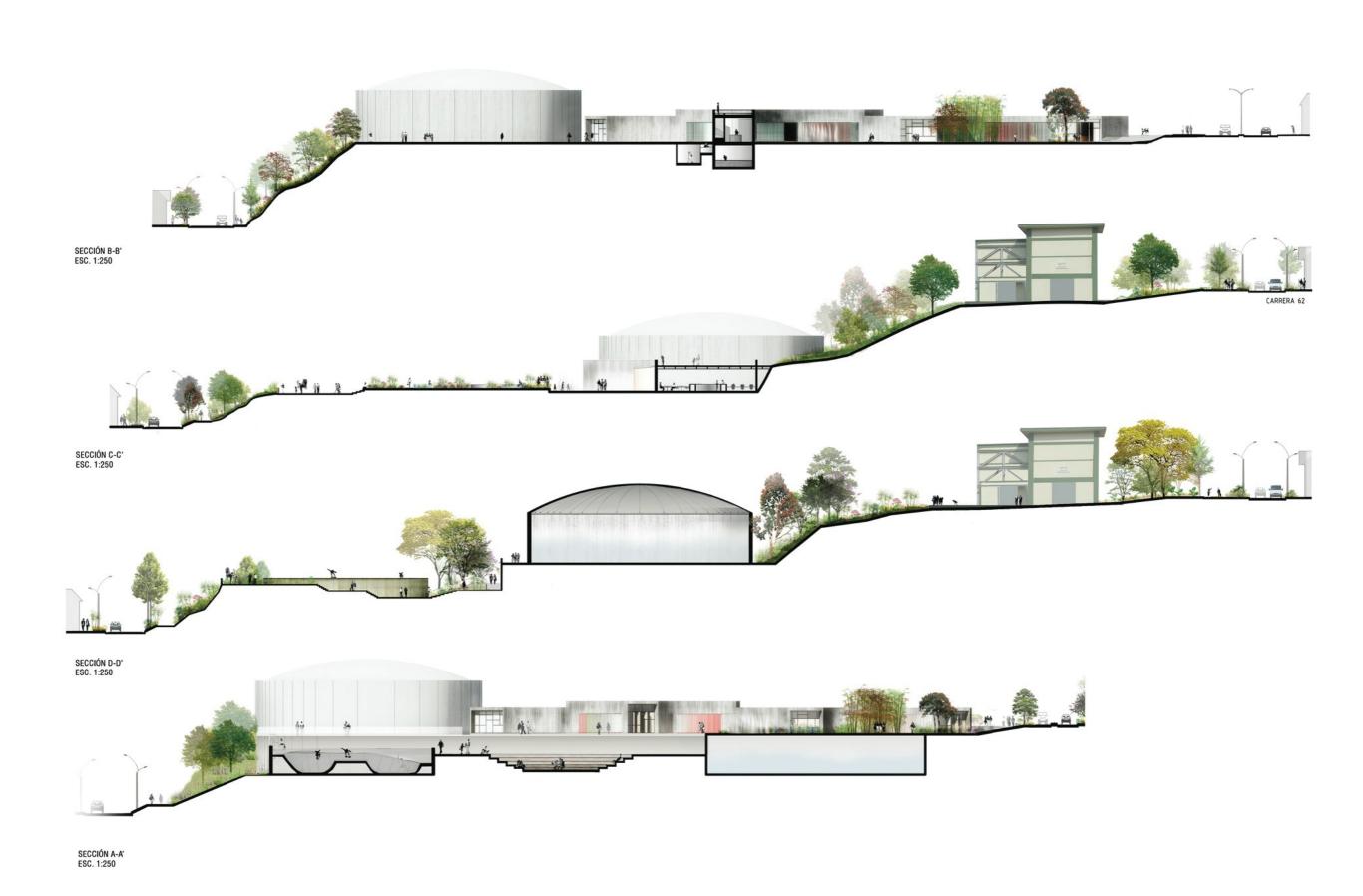
POINTS OF INTERCONNECTIONS AS FIELDS OF INTERVENTION

production and trade

knowledge networks









### thanks

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