THE COMMON FOODSCAPE

Improving the liveability of the city through urban agriculture

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EXHAUSTION

Alamy (n.d.). Soil erosion takes effect on Suffolk farmland in the UK. The Guardian. https://www.theguardian.com/environment/2015



GROWTH AND URBANISATION



N 197 AN AN AN AN

FOOD INSECURIT



We need to create a more sustainable, accessible and stable food system.

PROBLEM STATEMENT



Reduced footprint



THE ROLE OF URBAN AGRICULTURE

Restore nature





Urban agriculture is the act of producing food and the activities surrounding this, in intra-urban or peri-urban areas.





How can urban agriculture be implemented into cities to improve the liveability of the city?



Liveability are the context dependent needs and desires for quality of life and wellbeing





1. Stability

Violent crimes

Destruction

_Disturbances

_Nuisance and insecurity

_Threat of terror and conflict

_Level of political freedom

Natural hazards



2. Healthcare

_Availability of healthcare _Quality of healthcare _Over-the-counter drugs _General healthcare indicators Distance to health care

3. Education

_Availability of private education _Quality of private education _Public education indicators _Distance to education

4. Facilities

_Quality of road network _Quality of public transport _Quality of international links _Good-quality housing _Quality of energy provision _Quality of water provision _Quality of telecommunications _Job possibilities _Accessibility of food and drink Leisure and culture

5. Social cohesion

_Diversity life phases _Population density _Mutation rate _Development households _Social cohesion _Tolerance _Social or soft spaces



6. (Physical) environment

_Mixing of functions _Green space _Water _(Micro) climate _Accidents _Car density _Abandoned buildings and space _Pedestrian acces, routes, conflicts _Bicycle access _Maintenance _Proximity & quality of public or shared space



Urban agriculture



Urban Agriculture | Strategies



CASE STUDIES



CASE STUDIES



CASE STUDIES





Transformation

Smart cities

STRATEGIES

With Markey Markey Law















RESEARCH BY DESIGN

VERTICAL CITY FARMING







CONTINUOUS PRODUCTIVE URBAN LANDSCAPES



SMART CITIES

Туре	Facilities	Social cohesion	Physical environment	
Vertical city farming	++	+/-	_	Res
CPUL	+/-	+	++	Str
Smartcity	++	+/-	+	()
Transformation	+	++	+	Rep

Other

estores nature around the city

renghtens ecology in the city

More) circular waste system

ourpose of buildings & gentrification



INTEGRATION





Reinforcement

32/100



INFRASTRUCTURE

33/100



SOCIAL TRANSITION



THE COMMON FOODPLACE





THE COMMON FOODPLACE


Foodscape

37/100

To improve the liveability in the Beauvoir Estate by increasing the local food production and creating an interactive common foodscape.



38/100

III Design





THE BEAUVOIR ESTATE







STRUCTURE



INFRASTRUCTURE





WATER FRONT



Urban program





TOOLBOX





















46/100



Program





Element



ARCHITECTURE











Space









INFRASTRUCTURE





51/100



STRATEGY | SPATIAL



STRATEGY | SOCIAL



INFRASTRUCTURE

54/100



A NEW INFRASTRUCTURE



RAILWAY







57/100



58/100









Massing









CONTEXTUAL INTEGRATION







CONTEXTUAL INTEGRATION



Concept











64/100













MASTERPLAN















MATERIALISATION





DUALITY

72/100


ESTATE FACADES

73/100





CONTEXTUAL INTEGRATION

74/100



South facade



SOUTH FACADE









Detailling

78/100



South facade

79/100

SOUTH FACADE





NORTH FACADE



North facade

82/100







Detailling

84/100





WHERE MATERIALS MEET

86/100



CONSTRUCTION MATERIAL







CONSTRUCTION PRINCIPLES







RIGID PORTAL

89/100



8		
	n Level -1 Water level	
	90/100	



Level -1
91/100
01.100



CLIMATE DESIGN

92/100

IV Effects





FOODSYSTEM TRANSFORMATION

94/100

MOVEMENT OF FOOD



1 2 km

Input agricultural materials
Food
Waste







SOCIAL ECOSYSTEM

97/100



98/100



THE COMMON FOODSCAPE

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