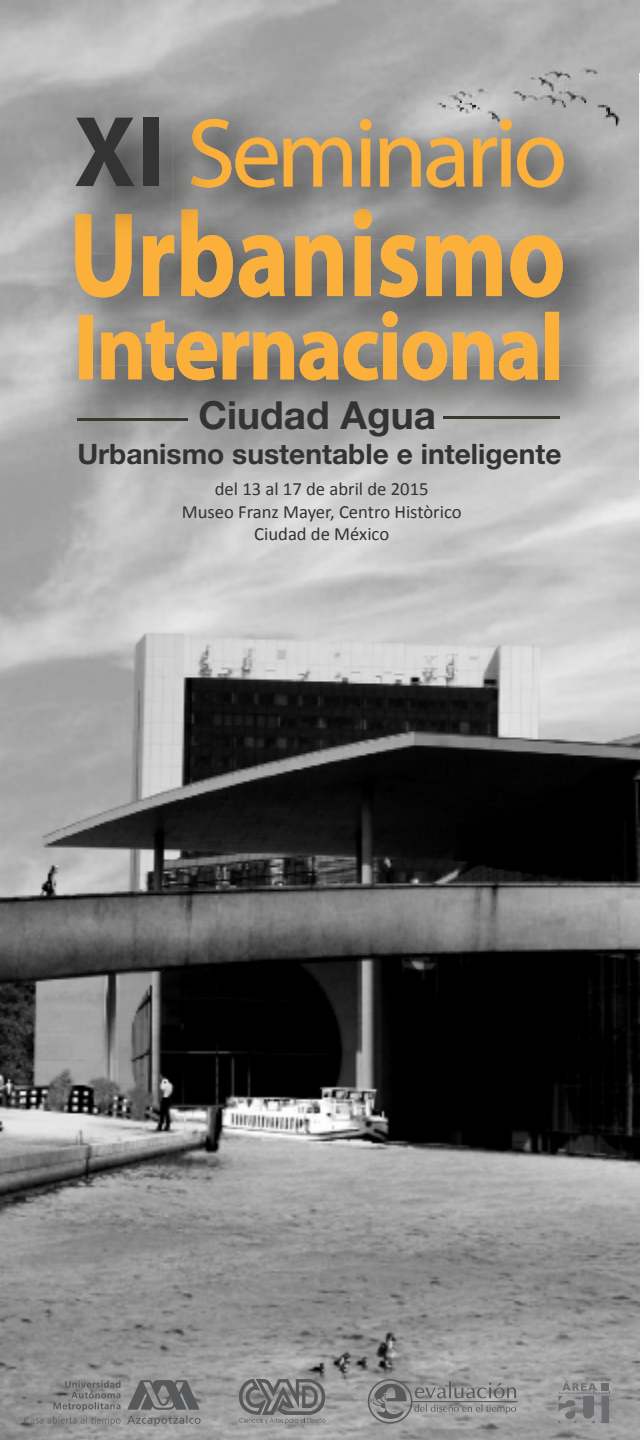

sui Seminario de Urbanismo Internacional

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Dra. Elizabeth Espinosa Dorantes
Jefe del Área de Arquitectura y Urbanismo Internacional
Mtro. Sergio Padilla Galicia
Compilador

Dr. Sergio Padilla Galicia
Coordinación General

Dra. Elizabeth Espinosa Dorantes
Mtro. Alejandro Hurtado Farfàn
Arq. Pedro Alejandro López
Coordinación Ejecutiva

Arq. Pedro Alejandro López Aguilar
Programación, formación y diseño

11° Seminario de Urbanismo Internacional
Universidad Autónoma Metropolitana-Azcapotzalco
Av. San Pablo No. 180, Col. Reynosa Tamaulipas.
Del. Azcapotzalco 02200, México, D.F.
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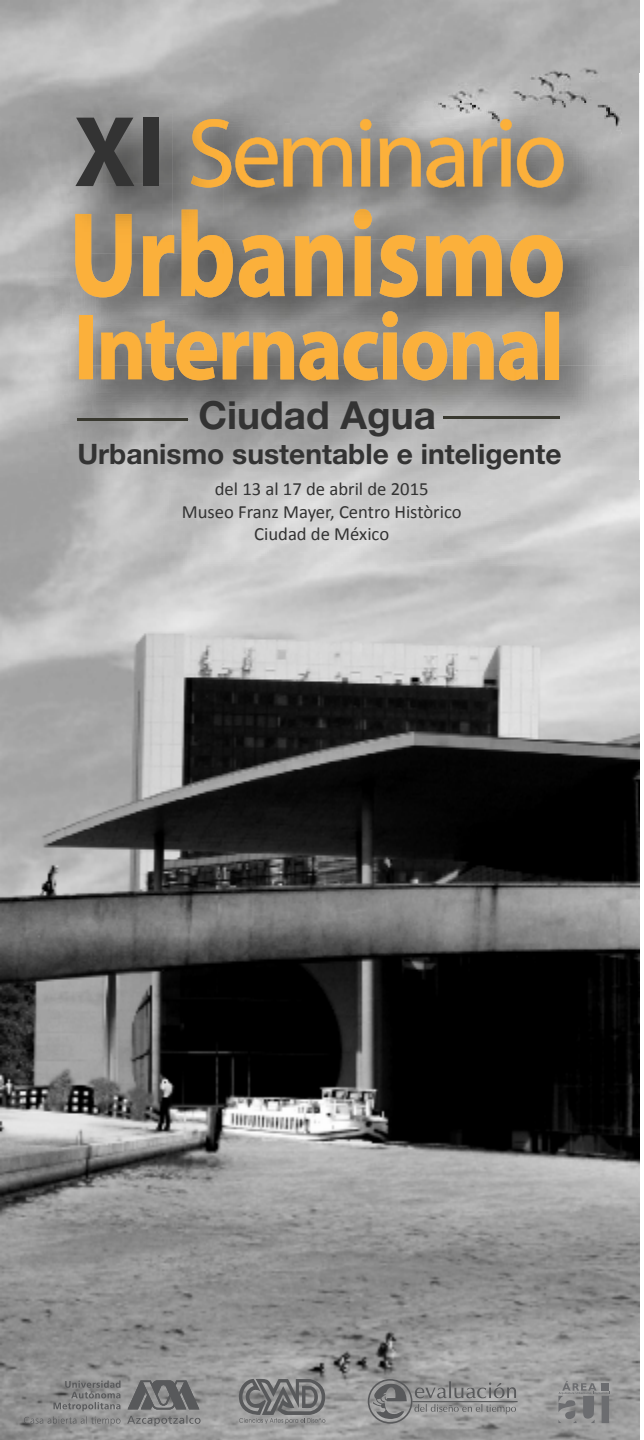


Seminario de Urbanismo Internacional

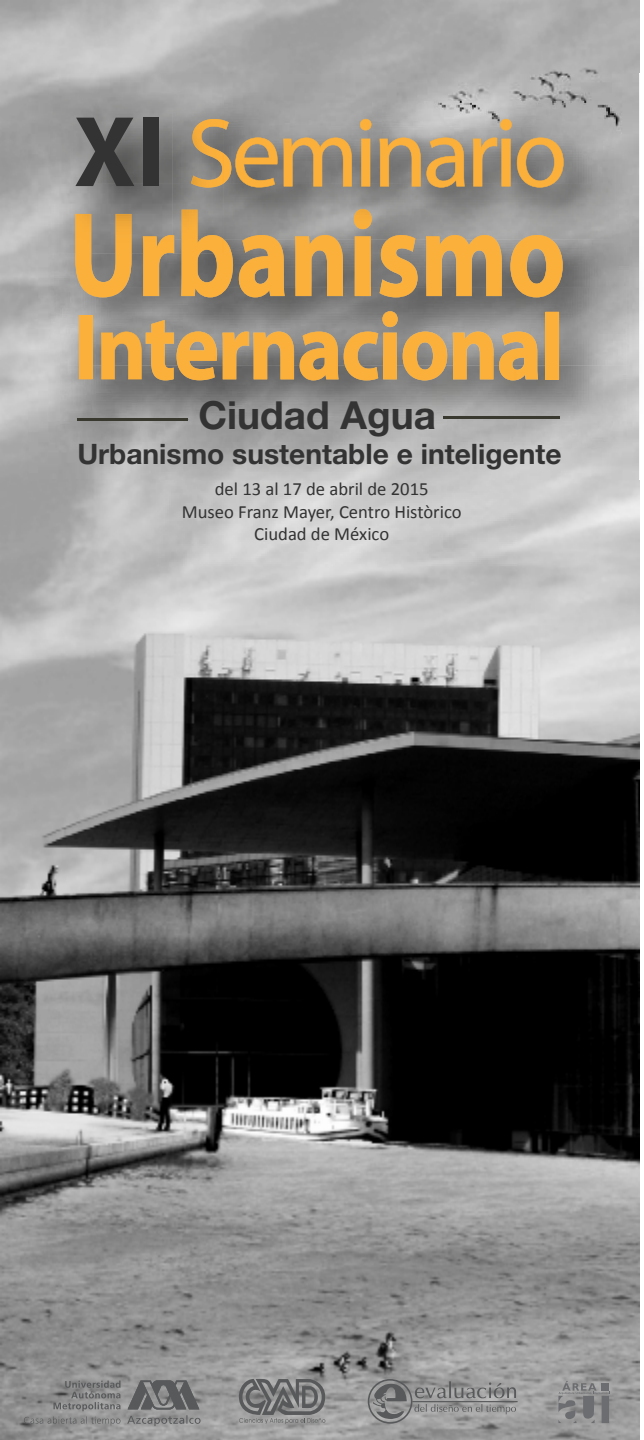
Francesca de Filippi

(Italia)

Arquitecta, Doctora en Conservación y Restauración del Patrimonio Arquitectónico y Paisaje,es conferenciante y profesor adjunto en Arquitectura Técnica y Directora del Centro de Documentación en Tecnología, Arquitectura y Ciudad en desarrollo y en países emergentes (CRD-PVS) en el Politecnico de Turín.

Delegada en la red de Universidades de Cooperación para el Desarrollo (CUCS).

Ha participado por el Politecnico de Turín en varias juntas, de la ONU como la de Universidades Asociadas, Iniciativa Hábitat (ONU-HABITAT).



Seminario de Urbanismo Internacional

Nutrir la ciudad que cambia:

La agricultura como oportunidad de recuperación urbana

14/abril/2015

Francesca de Filippi
(Ciudad de México)

La agricultura urbana es una gran oportunidad dentro de la ciudad, esto trae beneficios en la salud, economía, en lo social y lo económico. En la siguiente presentación se manejan 3 casos de estudio.

Miraorti
Mirafiori la gran fábrica de la FIAT, que actualmente vive la problemática de no ocupar toda su extensión se pretende trabajar en este proyecto, con miraorti se pretende ser autosustentables en sus alimentos, y estos huertos también compartirlos con los ciudadanos para espacio público.

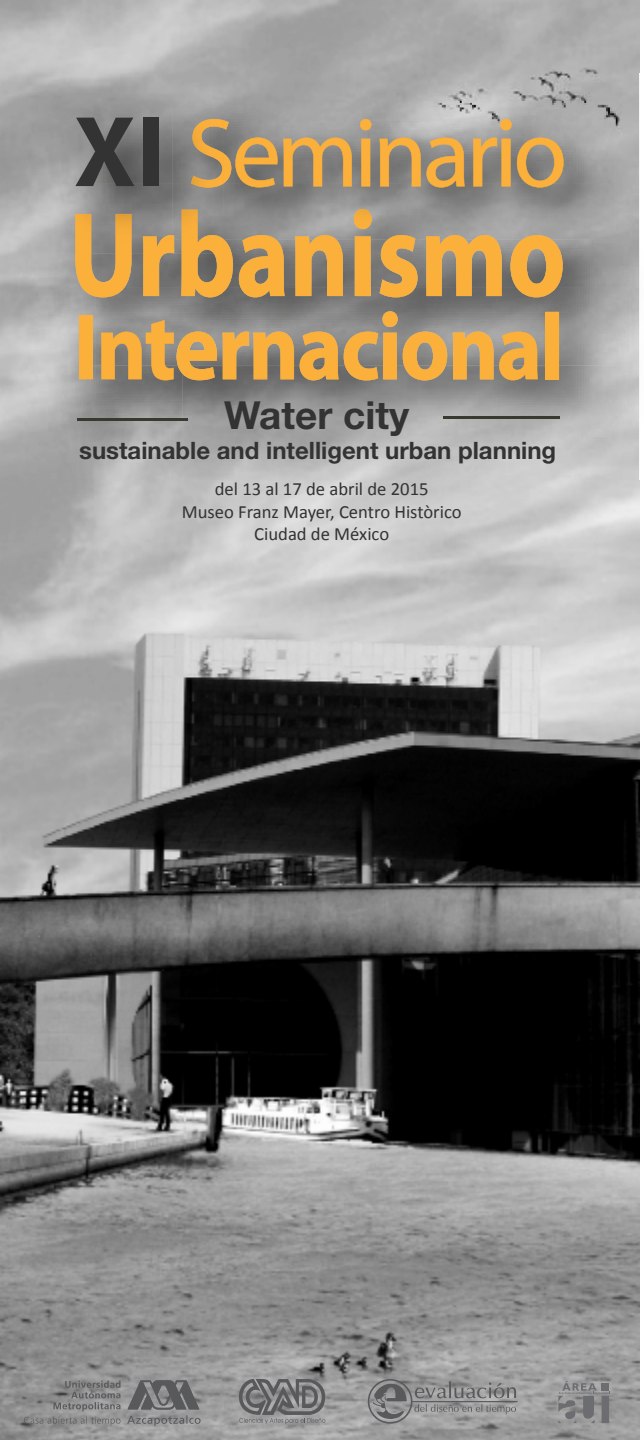
Esto se trabaja entre el gobierno local, los agricultores y los ciudadanos, esto crea beneficios sustentables sociales, económicos y medioambientales. También existe una conveniencia que si hacemos una intervención estándar los costos de transformación son de 180.000 Euros por hectárea, con miraorti 73,000 Euros esto nos da un ahorro del 60%, además este proyecto se pretende replicar en todo Italia.

Ortialti
Aprovechar las azoteas planas para la realización de este proyecto huertos en las azoteas, las ventajas que trae este proyecto son; 35% de absorción de agua de lluvia, reducción del efecto invernadero, mejoramiento de la calidad del aire, reducción del calor solar en la superficie de la azotea, reduce en 50 decibeles el ruido.
También aumenta el valor inmobiliario en un 15%, ahorro del 30% de consumo energético, ahorro de un 75% del consumo en aire acondicionado, 8 años de amortización y 65% de ahorros fiscales.

Turintogreen
Concurso internacional universitario, convocado por CRD PVS, POLITECNICO DE TORINO Y ONU HABITAT

Siempre en la zona de Mirafiori en las instalaciones históricas de la FIAT, participaron más de 100 universidades de 41 países, el ganador fue la Universidad Sapienza de Roma. Siempre con la preocupación de los muertos urbanos y centros académicos que convivan en conjunto.

Palabras clave:
Agricultura urbana
Sustentabilidad
Ahorro de energía



Seminario de Urbanismo Internacional

Nourish a changing city:

Agriculture as an opportunity for urban renewal

14/april/2015

Francesca de Filippi
(Italy)

Urban agriculture is a great opportunity within the city, this brings benefits in health, economy, social and economic. The following presentation handled three studies cases.

Miraorti
FIAT factory, now living the problem of not occupying all their extension is intended to work on this project, with miraorti is intended to be self-sustaining in their food, and they also share gardens with citizens to public space.

Ortialti
Aprovechar las azoteas planas para la realización de este proyecto huertos en las azoteas, las ventajas que trae este proyecto son; 35% de absorción de agua de lluvia, reducción del efecto invernadero, mejoramiento de la calidad del aire, reducción del calor solar en la superficie de la azotea, reduce en 50 decibeles el ruido.

Turintogreen
International university competition, organized by CRD PVS, Turin Polytechnic and UN HABITAT

Keywords:
Urban Agriculture
Sustainability
Energy saving

POLITECNICO DI TORINO

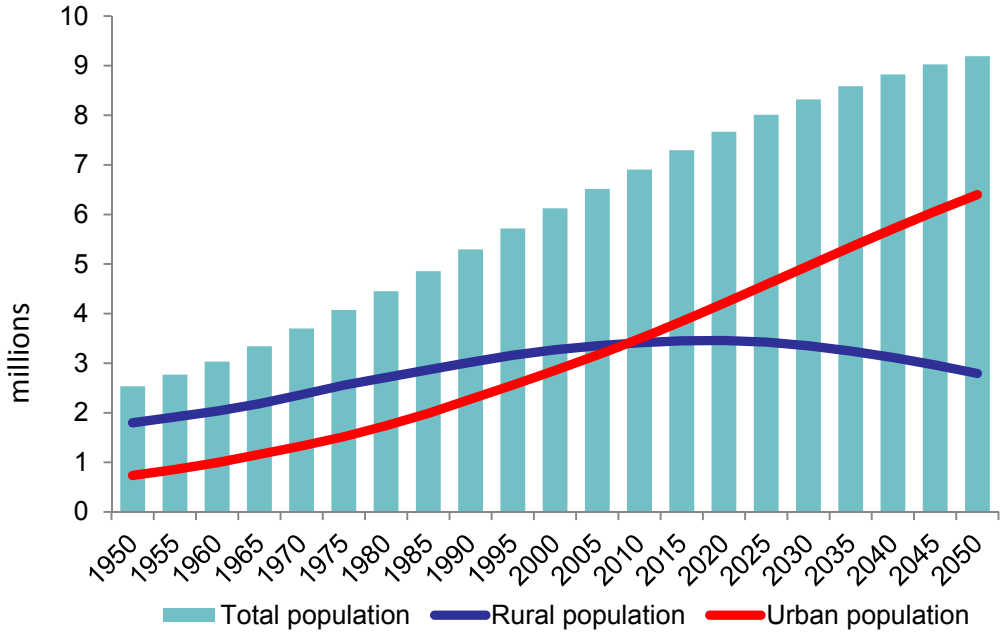
Nutrir la ciudad que cambia.

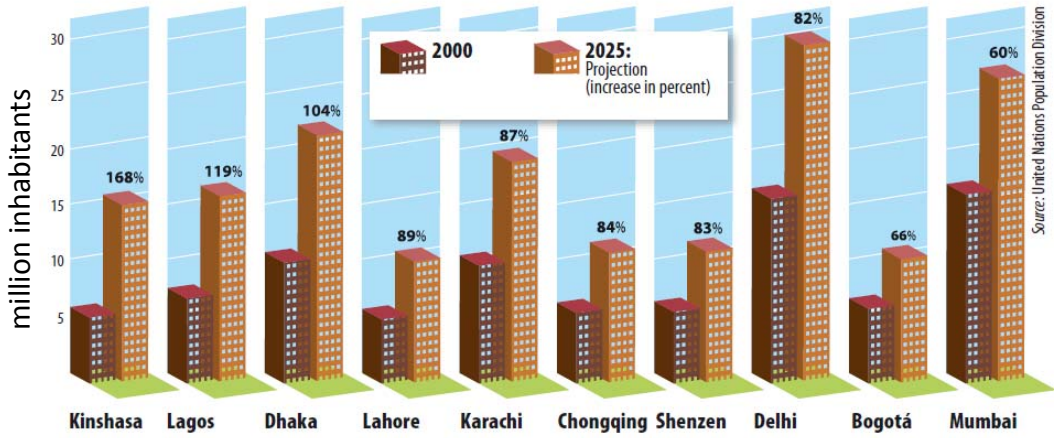
La agricultura como oportunidad de recuperación urbana

XI Seminario Urbanismo Internacional / Ciudad Agua
13-17 Abril, Ciudad de México

Francesca De Filippi
Dipartimento Architettura e Design – Politecnico di Torino

URBAN AGRICULTURE // background





Urbanization is growing rapidly

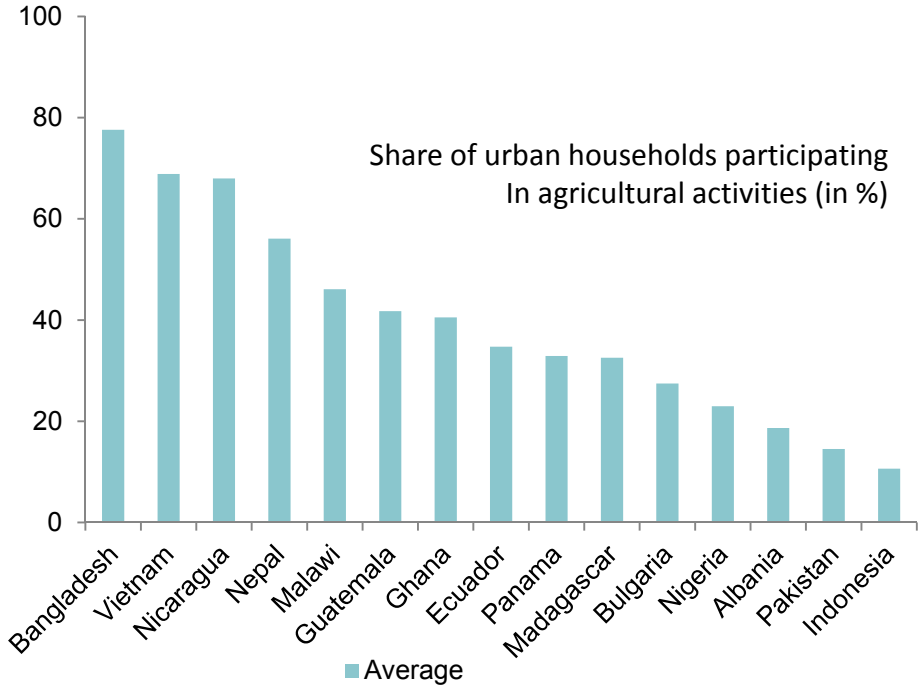
> 50% of the world's population lives in cities

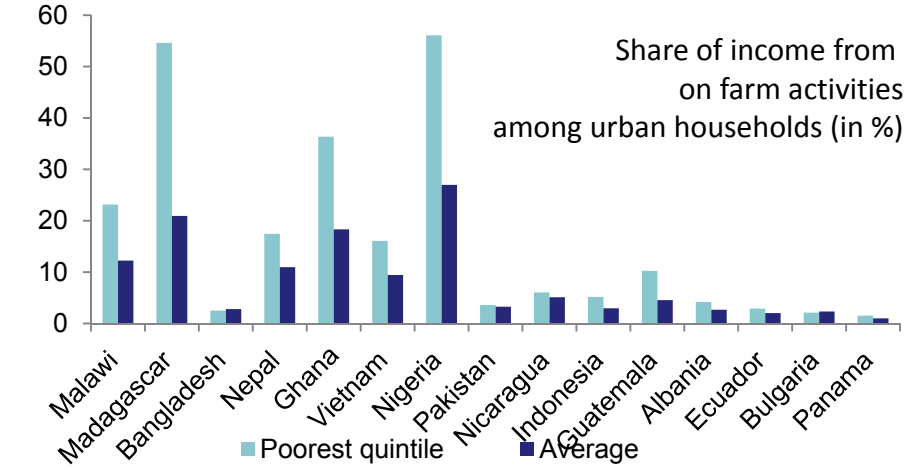
by 2050, **70%** of the world's population will be urban

↑ number of megacities

Source: UNDESA

URBAN AGRICULTURE // why





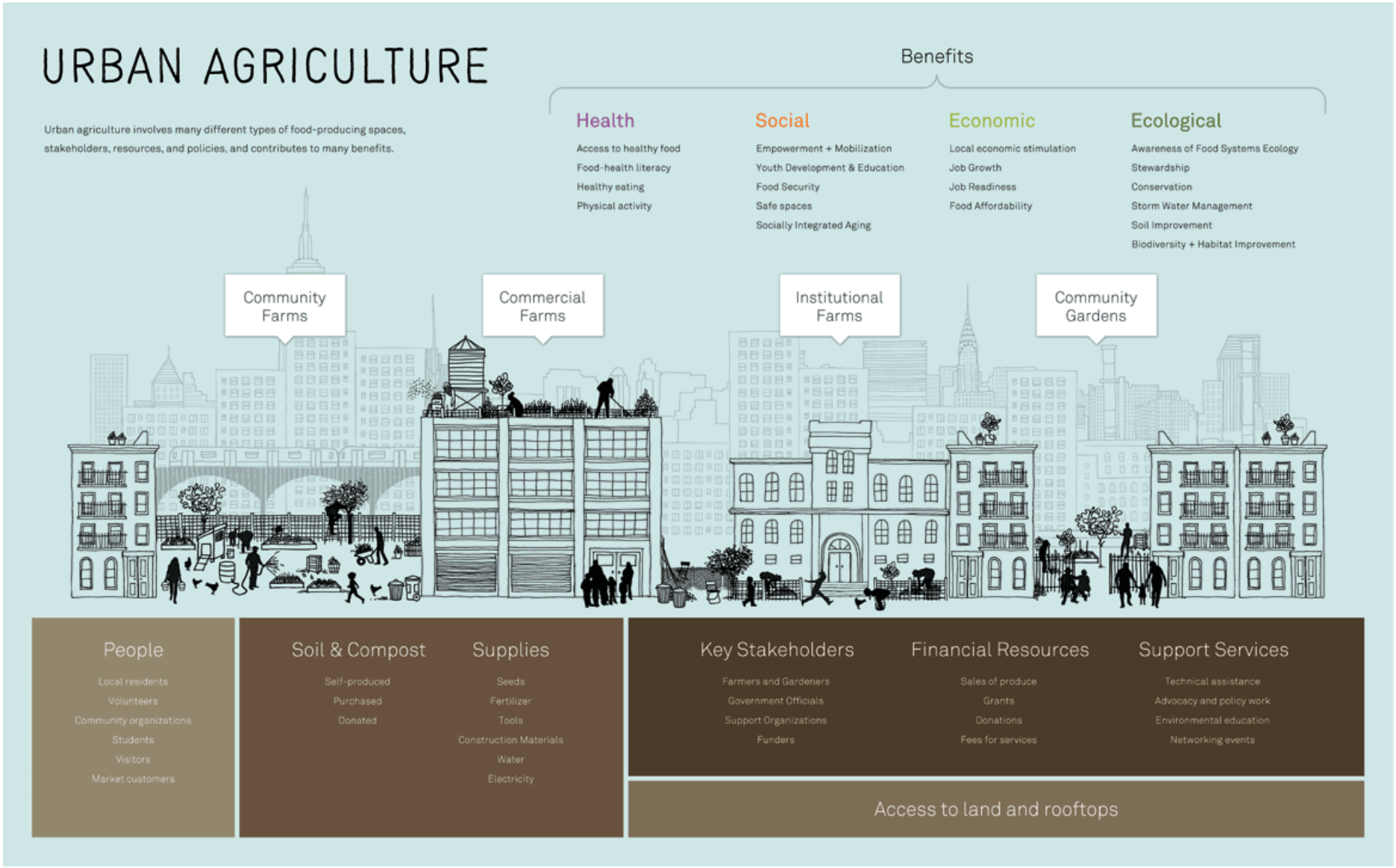
Urban agriculture an important reality

Over **800 million** people worldwide depend on food grown in cities

Circa **20%** of the world's food is produced in urban areas

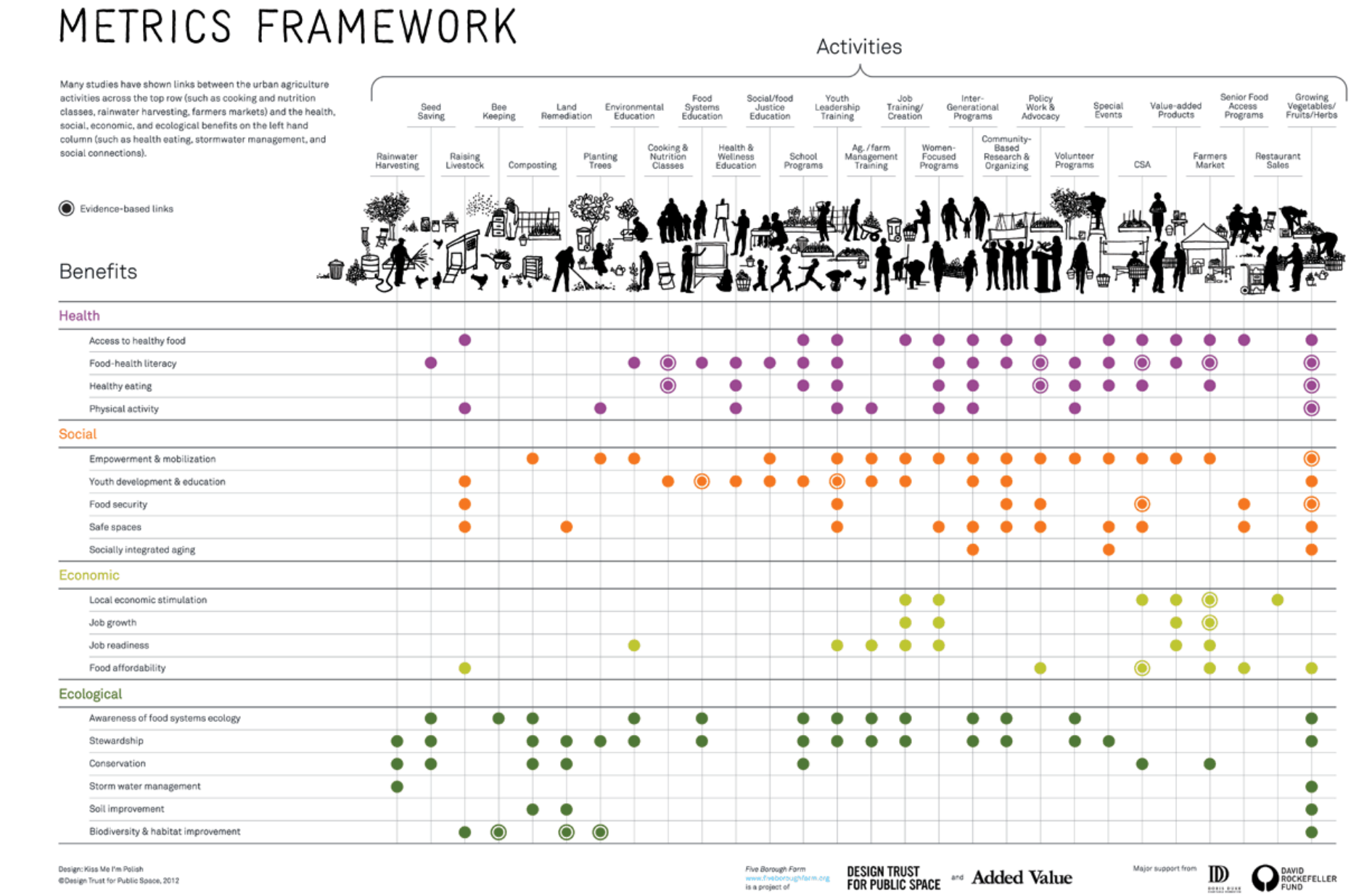
Low income urban dwellers spend **40% - 60%** of their income on food each year

URBAN AGRICULTURE // types, stakeholders, benefits



Five Borough Farm
www.fiveboroughfarm.org
is a project of
DESIGN TRUST FOR PUBLIC SPACE and Added Value
Major support from
DUKE
DAVID ROCKEFELLER FUND

URBAN AGRICULTURE // activities / benefits



URBAN AGRICULTURE in nutshell

Cabannes, 2006

URBAN AGRICULTURE // Worldwide

Food security

(Detroit, Kibera slum)

Leisure /recreation

(Edible Playground, Tempelhof CG Berlin)

Economic development

(Brooklyn Grange Farm NY, Sky Greens Urban Farm Singapore)

TORINO

900.000 Ab ca
immigration
Urban regeneration projects

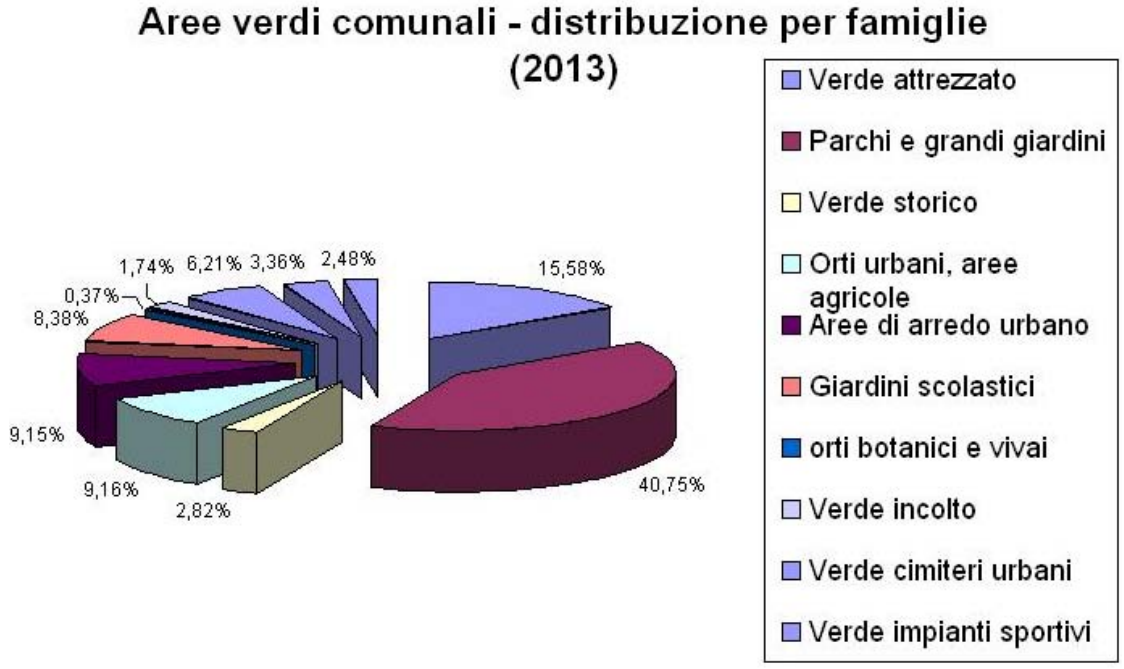
Sup.: mq. 130.170.000
Green sup. (public) tot . 16,42 %
Green areas/ab**:** mq. 23,62

1° capital of kingdom (1861-65)
FIAT Industry
2006 XX Olympic Games
2008 World Design capital
4 Unesco sites in the region /landscape
top ranking University

"*La città con la più bella posizione naturale*" Le Corbusier

TORINO // il verde: dati

- **superficie totale territorio comunale: mq. 130.170.000**
- superficie tot aree verdi a gestione pubblica : mq. 21.376.000 circa
- **superficie di verde a gestione pubblica sul totale della superficie comunale: 16,42 %**
- **verde per abitante : mq. 23,62**
- **parchi e giardini: mq. 12.640.000 circa**
- **Orti urbani e aree agricole: mq. 1.958.237**
- bosco a gestione comunale: mq 1.636.000 circa
- aree boscate totali**:** mq. 7.925.186
- aree protette (proprietà sia pubblica che privata): mq. 5.913.500



TORINO // Città d'acque e Anello verde

Torino Città d'Acque - unico parco fluviale di 70 km
Anello Verde - sistema di parchi collinari collegati da un anello di oltre 45 km di estensione

- Il sistema delle ciclopiste/ The system of cycle paths
- Il sistema dei parchi urbani/ The system urban parks n.18
- Il sistema dei parchi collinari/ The system hill parks n.10
- Il sistema dei parchi fluviali/ The system river parks n.4
- Il sistema delle alberate urbane/ The system tree lined urban 110.000 alberi/ trees
- **Il sistema delle spine- area di trasformazione**/ The system of thorns –processing areas
- **Il sistema delle piccole aree urbane di quartiere**/ The system of small urban areas of district (partecipazione attiva degli abitanti anche a scopo di integrazione e tutela)



TORINO CITTÀ D'ACQUE

Lunghezza totale corsi d'acqua	37.000 m
Lunghezza del parco fluviale	74.000 m
Superficie totale degli alvei fluviali	3.300.000 m²
Totale delle aree verdi esistenti	4.200.000 m²
Totale delle aree verdi previste	8.300.000 m²
Verde previsto dal progetto	15.800.000 m²

Il Po

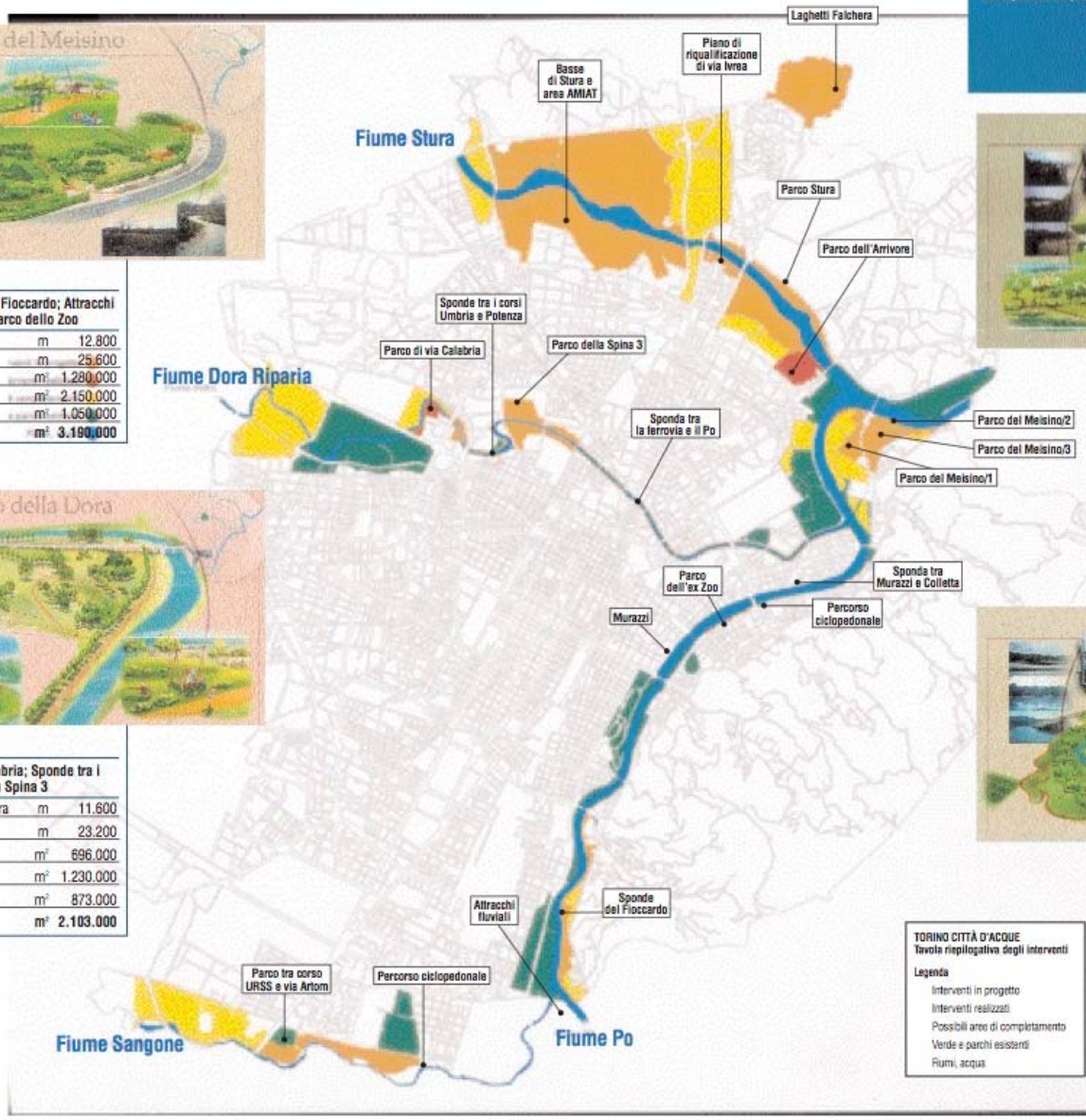
Interventi: Parco del Meisino; Zona Fioccardo; Attracchi fluviali; Sponda Murazzi Colletta; Parco dello Zoo

Lunghezza del tratto urbano del Po	m	12.800
Lunghezza delle sponde	m	25.600
Superficie totale dell'alveo	m²	1.280.000
Aree verdi esistenti	m²	2.150.000
Aree verdi previste dal progetto	m²	1.050.000
Verde totale	**m²**	**3.190.000**

La Dora Riparia

Interventi: Parco fluviale di via Calabria; Sponde tra i corsi Umbria e Potenza; Parco della Spina 3

Lunghezza del tratto urbano della Dora	m	11.600
Lunghezza delle sponde	m	23.200
Superficie totale dell'alveo	m²	696.000
Aree verdi esistenti	m²	1.230.000
Aree verdi previste dal progetto	m²	873.000
Verde totale	**m²**	**2.103.000**



Lo Stura

Interventi: Parco Stura; Parco dell'Arrivore; Parco della Stura Nord e Sud; Parco Laghetti Falchera

Lunghezza del tratto urbano della Stura	m	6.700
Lunghezza delle sponde	m	13.000
Superficie totale dell'alveo	m²	1.005.000
Aree verdi esistenti	m²	351.000
Aree verdi previste dal progetto	m²	4.666.000
Verde totale	**m²**	**5.017.000**

Il Sangone

Interventi: Parco Sangone

Lunghezza del tratto urbano del Sangone	m	6.000
Lunghezza della sponda sinistra	m	6.000
Superficie totale dell'alveo	m²	300.000
Aree verdi esistenti	m²	726.000
Aree verdi previste dal progetto	m²	1.407.000
Verde totale	**m²**	**3.133.000**

TORINO CITTÀ D'ACQUE
Tavola riepilogativa degli interventi

Legenda
- Interventi in progetto
- Interventi realizzati
- Possibili aree di completamento
- Verde e parchi esistenti
- Fiumi, acqua

aggiornato al ACER 6/2001

CORONA VERDE

Aperto al pubblico nel 1978, il Parco Regionale de La Mandria, di 6500 ettari, offre ai visitatori affascinanti percorsi ciclistici nel più esteso ambiente forestale planiziale della Val Padana.

Ai margini del Parco de La Mandria, la Reggia, progettata nel 1658, è un complesso di straordinarie proporzioni (480.000 m²) che vive in simbiosi con il borgo e con il parco.

L'edificio è attorniato da un giardino all'inglese e all'italiana e da un parco con alberi centenari, con una bella fontana decorata da statue settecentesche.

Statue seicentesche decorano la fontana e le aiuole dei giardini di Palazzo Reale, disegnati dal francese Le Nôtre, il famoso architetto dei giardini di Versailles.

Evidente risulta la profonda interdipendenza tra architetture e natura circostante, rivisitata secondo l'ideale bucolico.

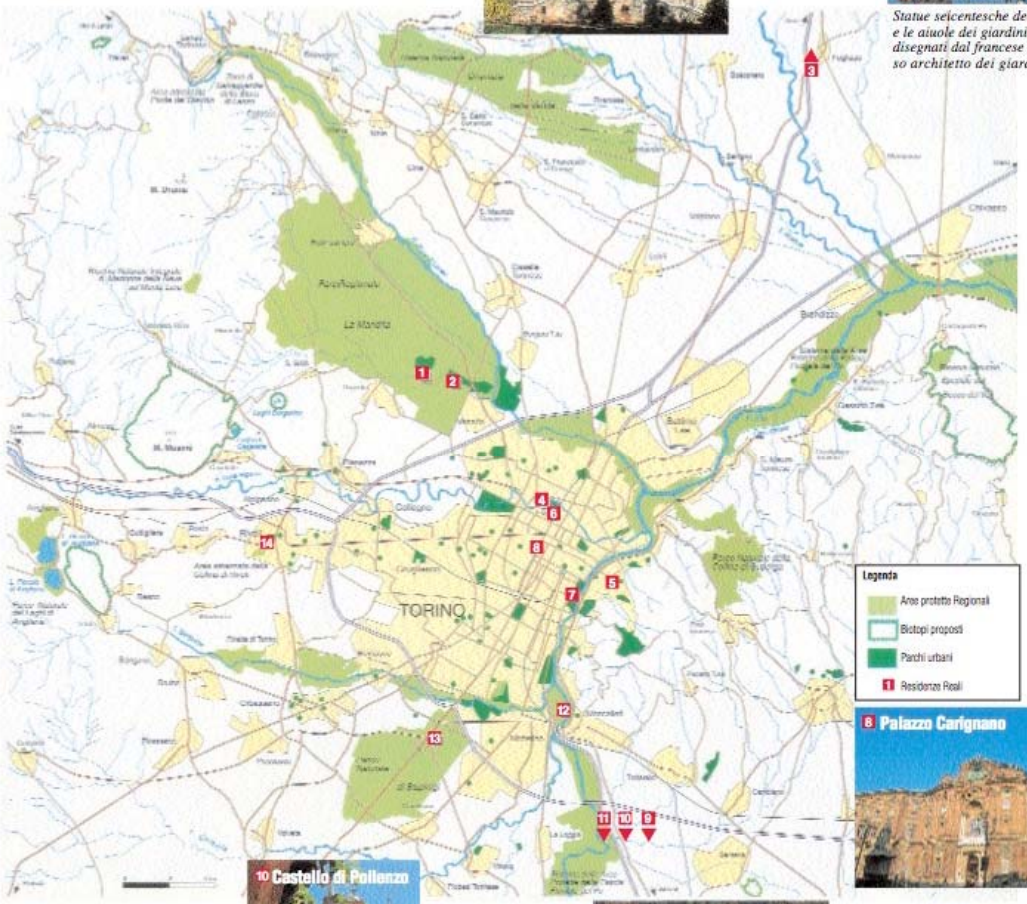
L'imponente castello, oggetto di un particolarissimo restauro di fama europea, è circondato da un'area verde di recente progettazione. Dal 1984 è sede del Museo d'Arte Contemporanea.

Il Parco Naturale di Stupinigi è stato segnalato all'UE per aver conservato residui di boschi planiziali.

In un unico edificio coesistono le torri della romana Porta Pretoria, il Castello quattrocentesco e la facciata del 1721 di Juvarra.

Si affaccia sul Po nel più grande parco urbano cittadino questa villa seicetesca con i caratteristici tetti, omaggio a Cristina di Francia.

Nel centro della città il Guarini lo innalzò nel 1679-84 per Emanuele Filiberto il Muto. La sinuosa facciata rappresenta uno dei vertici dello sviluppo del palazzo barocco italiano, mediante l'uso di muri a profilo ondulato.



A nord del castello si sviluppa un parco di circa 100.000 m², tra parco, giardino e bosco. Già nel '600 fu teatro di colossali lavori di riplasmazione della collina per attrezzarlo a luogo di svago, di riposo e di caccia.

Connesso al castello è il grandioso parco, interamente recintato, già testimoniato nel 1336, che si estende sul lato nord. Vi furono impegnati i maggiori progettisti dell'età barocca.

Nella residenza trecentesca, posta nella tenuta reale dove Carlo Alberto impiantò una moderna azienda agricola, coesistono gli stili più svariati, dal neo-romano al neomedievale.

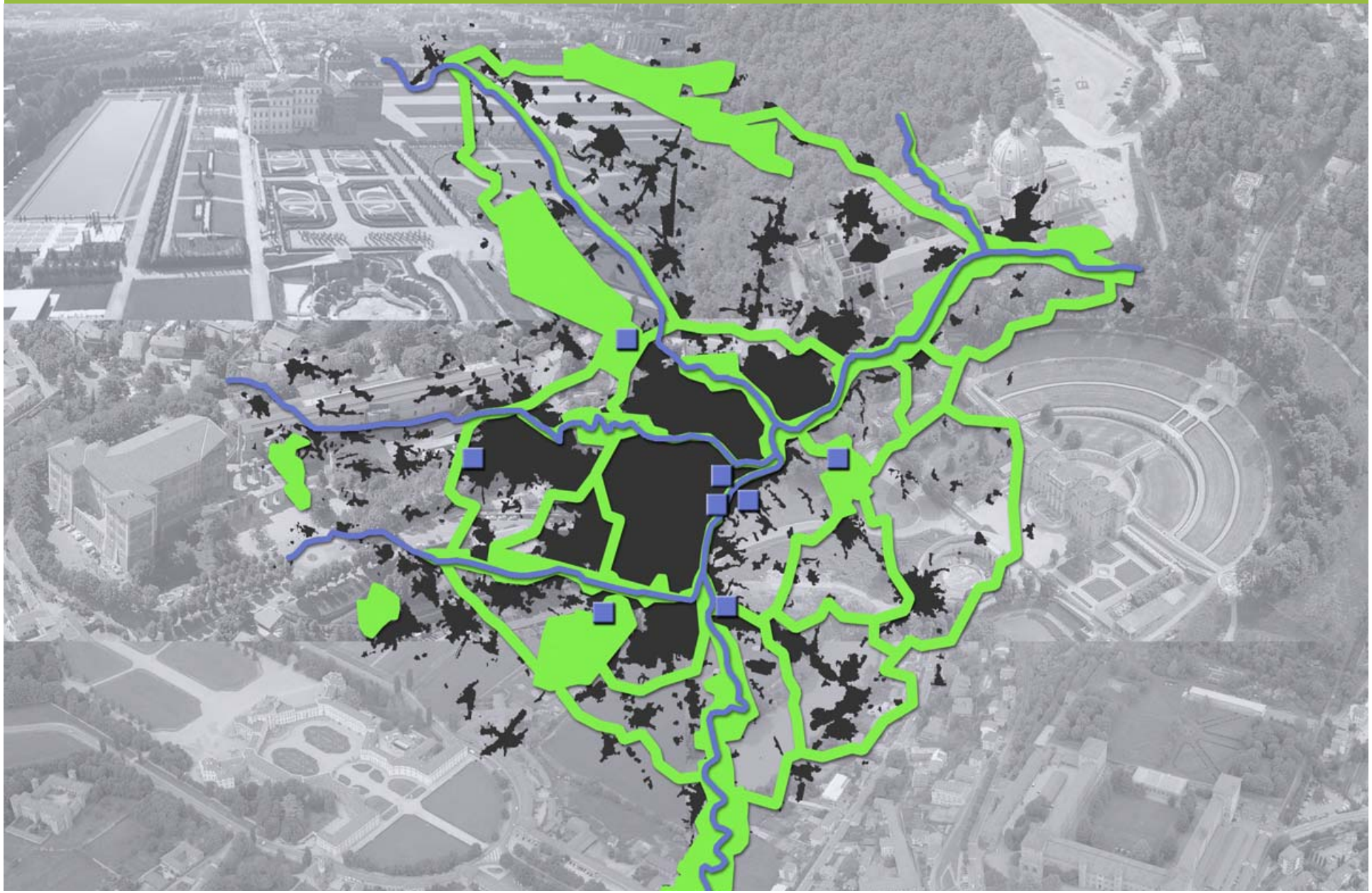
Imponenti lavori di ripristino e ammodernamento del castello e del parco hanno avuto inizio nel 1819 con Carlo Felice, ricche testimonianze del gusto imperante, tra impero e neoclassico.

Aree protette regionali

- Riserva naturale orientata della Vauda
- Area attrezzata del Ponte del Diavolo
- Zona di salvaguardia della Stura di Lanzo
- Parco regionale de La Mandria
- Riserva naturale integrale della Madonna della Neve sul Monte Lera
- Riserva naturale speciale del Bosco del Vaj
- Parco naturale dei laghi di Avigliana
- Area attrezzata della collina di Rivoli
- Parco naturale della collina di Superga
- Parco naturale di Stupinigi
- Sistema delle aree protette della fascia fluviale del Po

supplemento ad ACER 6/2001

TORINO // sistema del verde urbano



TORINO CITTA' DA COLTIVARE // agricoltura e città

strategia alimentare metropolitana

Torino SMILE, Tavolo "Torino Capitale del Cibo"/Torino Metropoli 2025, FOOD START LAB

Terreni agricoli periurbani

Convenzione per gestione dei terreni comunali da parte dei coltivatori
Filiere corte

Area urbana

filiere alternative (GAS e Farmer's Market);
ristorazione scolastica/educ. alimentare
Mercati locali, valor. prodotti tipici

agricoltura → veicolo di aggregazione

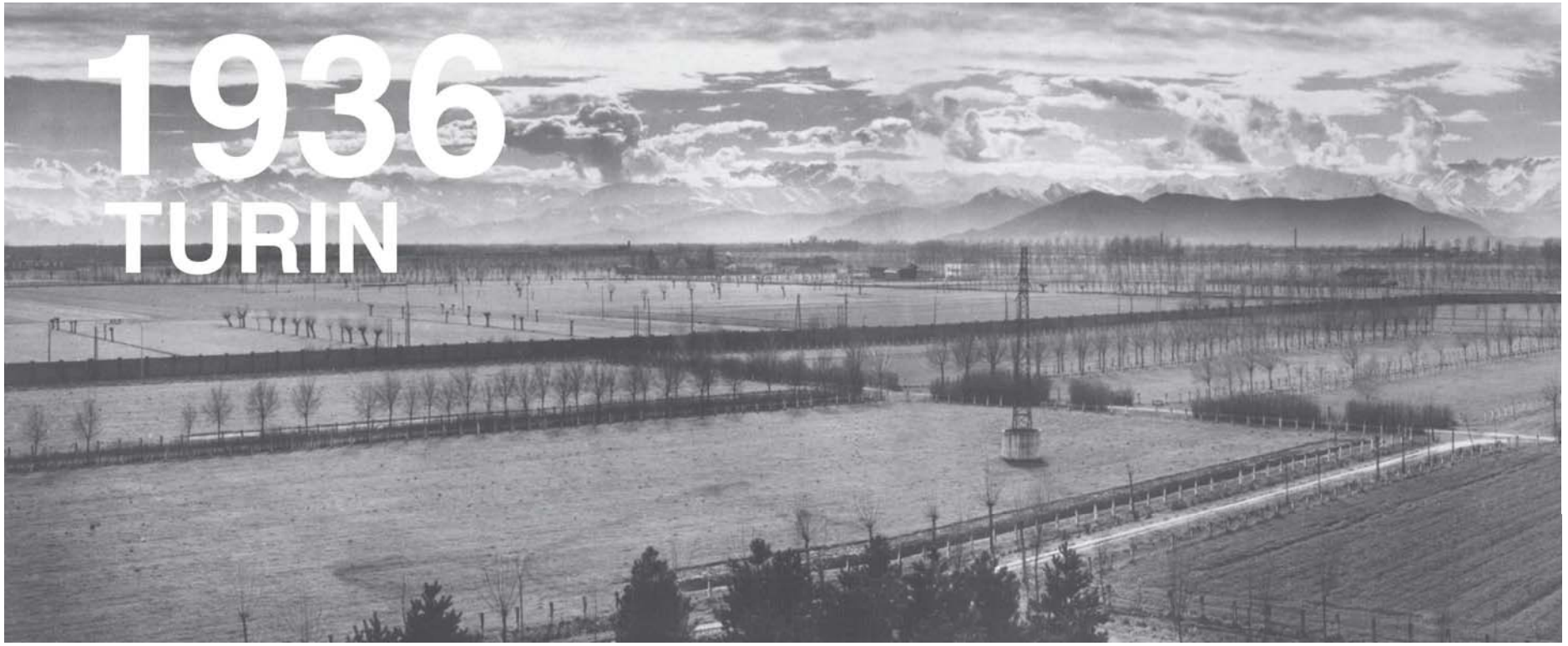
Incentivare l'uso degli orti a fine aggregativi e sociali nonché di integrazione a reddito


ORTO
DI
GUERRA
RISPETTATELO

CASI STUDIO // CASE STUDIES

1. MIRAORTI

Credits: Miraorti; ph. Giuseppe Moccia, graphic design: Christel Martinod


1936
TURIN


1940
TURIN, *FIAT*
Superficie: 2.000.000 mq.
20 km di linee ferroviarie
11 chilometri di strade sotterranee


1965
TURIN

nowadays

miraorti
back to the
gardens


miraorti
back to the
gardens


decline
miraorti
back to the
gardens

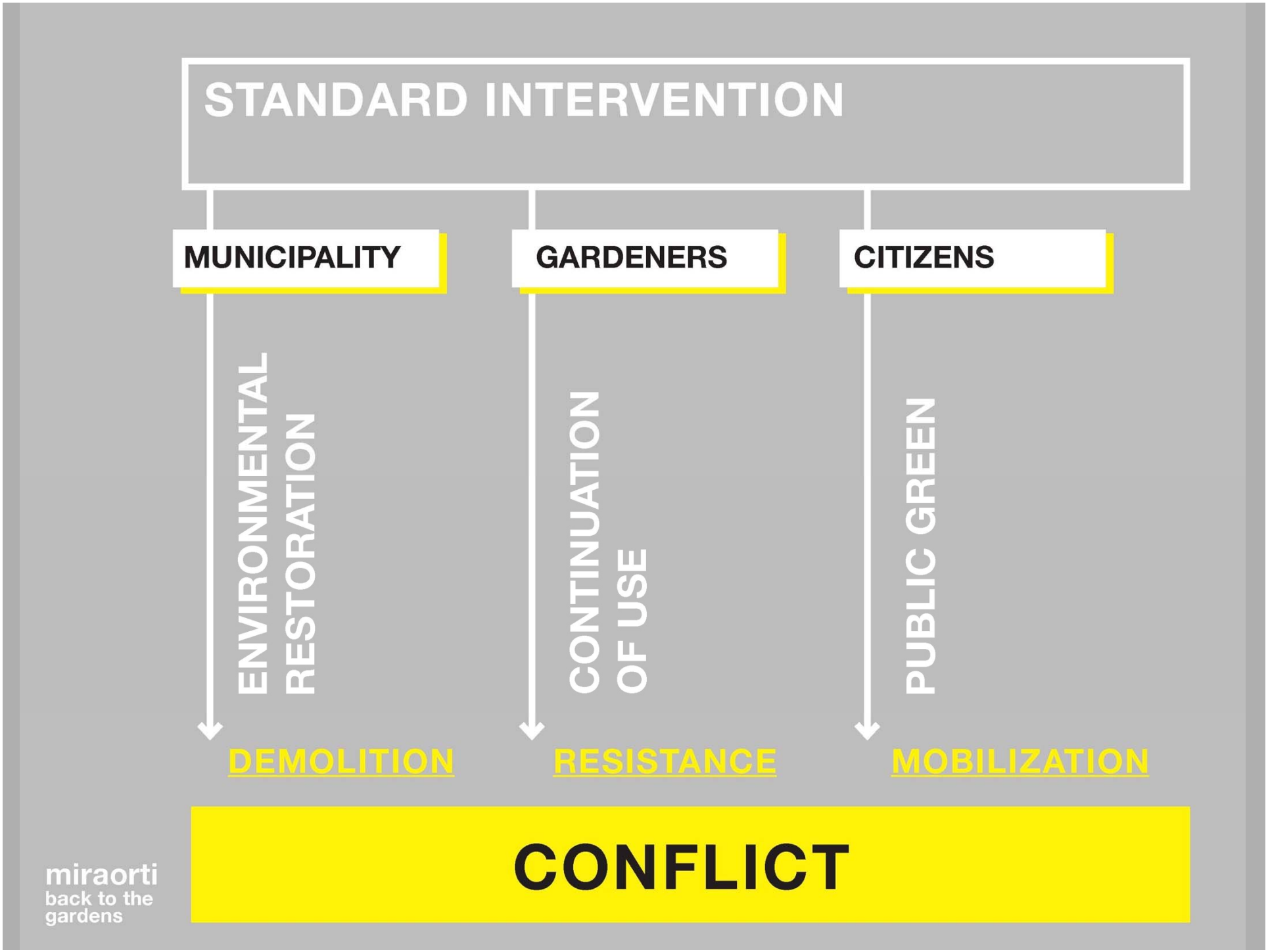

isolation
miraorti
back to the
gardens

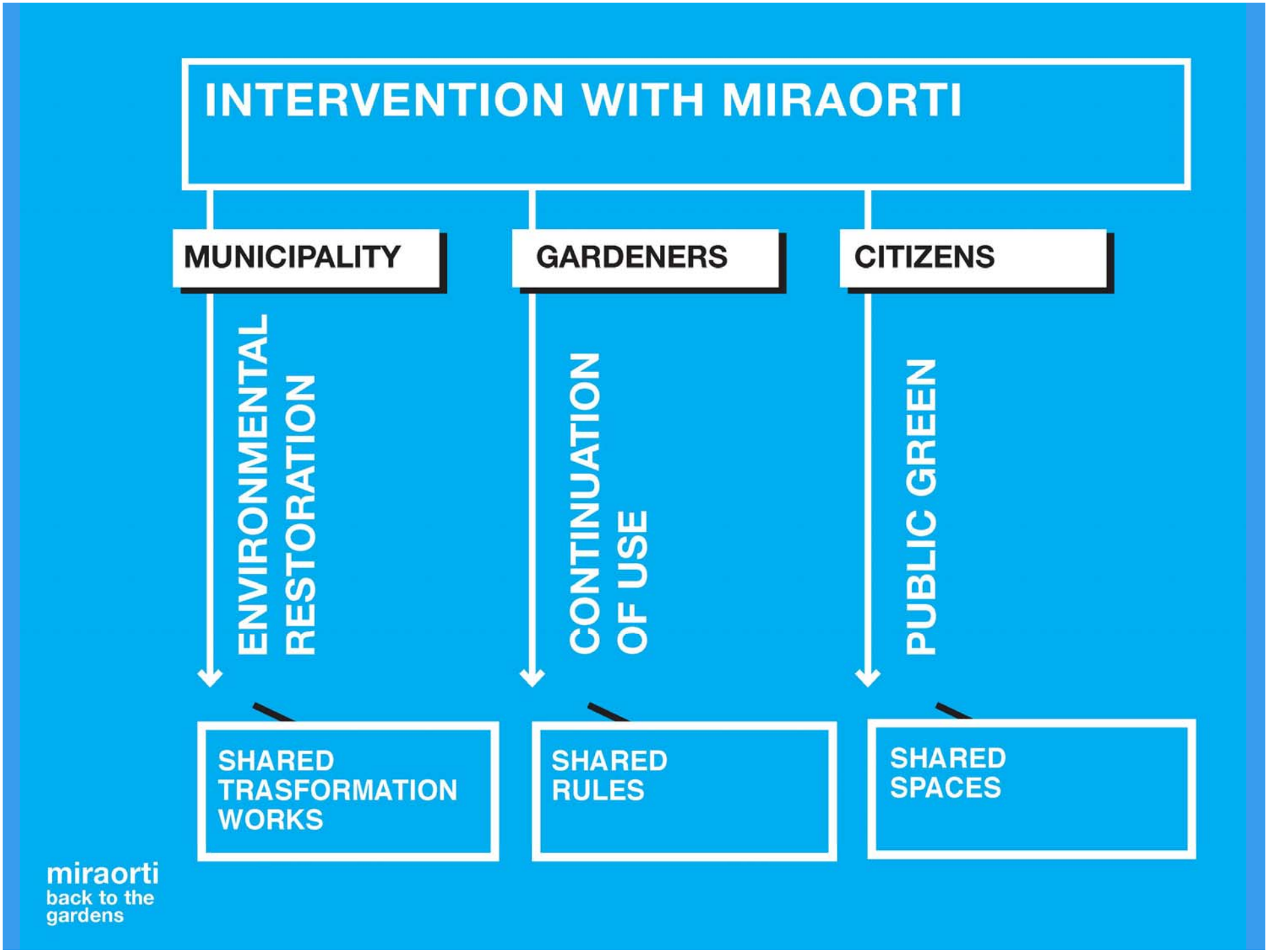

inaccessibility
miraorti
back to the
gardens

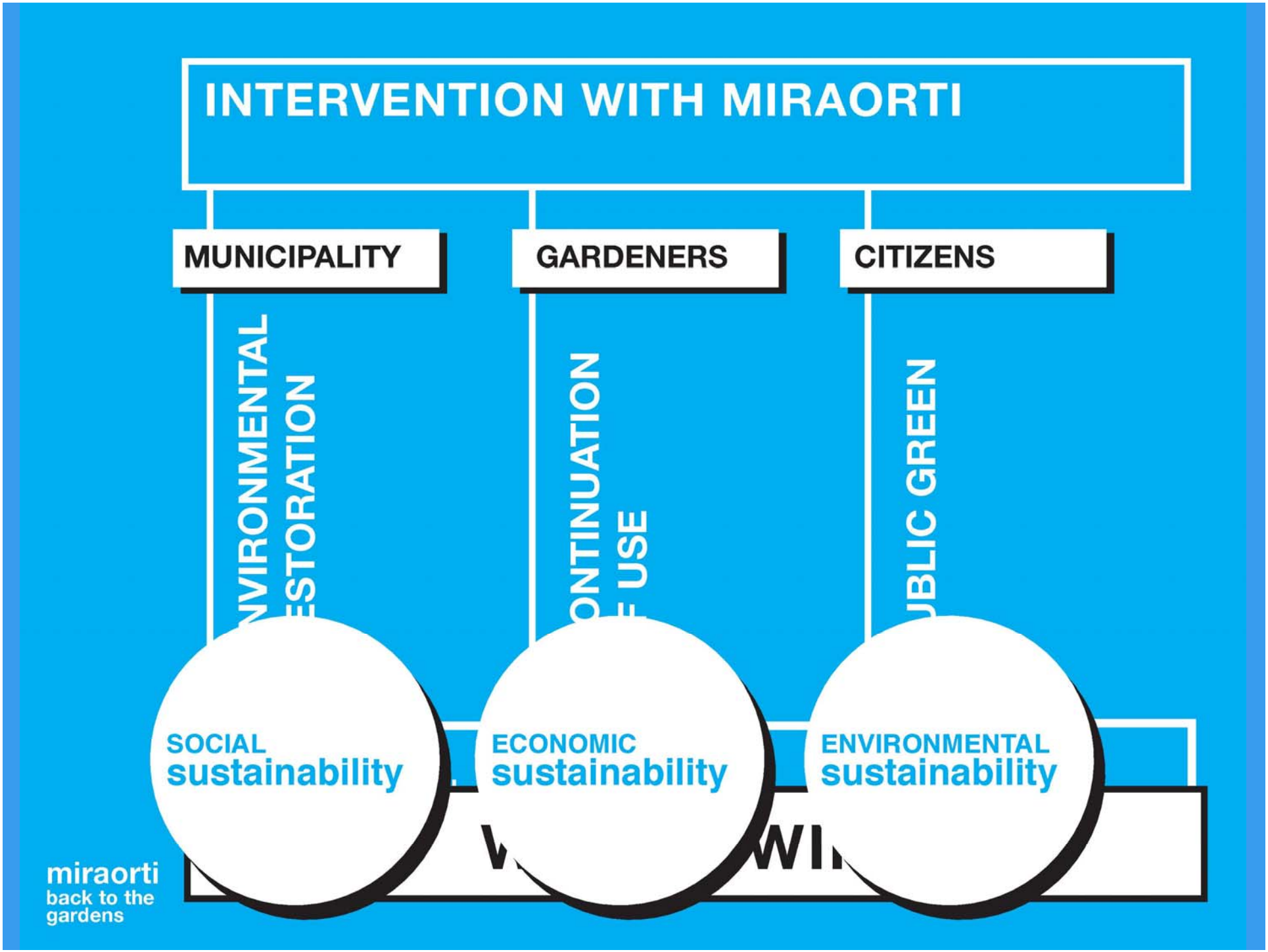

1000
illegal
allotments
miraorti
back to the
gardens

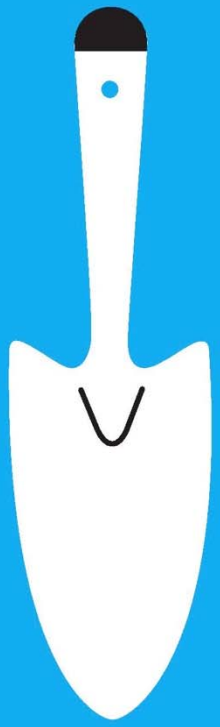
miraorti

Ph. Marie Pierra


STANDARD INTERVENTION
MUNICIPALITY
GARDENERS
CITIZENS
ENVIRONMENTAL RESTORATION
CONTINUATION OF USE
PUBLIC GREEN
DEMOLITION
RESISTANCE
MOBILIZATION
CONFLICT
miraorti
back to the gardens


INTERVENTION WITH MIRAORTI
MUNICIPALITY
GARDENERS
CITIZENS
ENVIRONMENTAL RESTORATION
CONTINUATION OF USE
PUBLIC GREEN
SHARED TRASFORMATION WORKS
SHARED RULES
SHARED SPACES
miraorti
back to the gardens

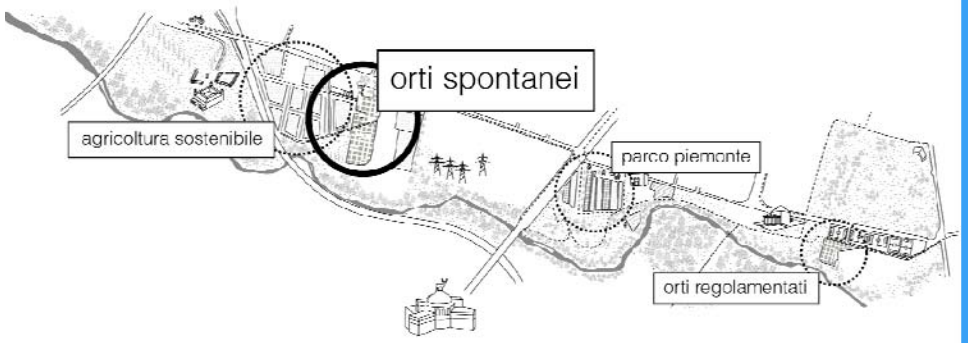

INTERVENTION WITH MIRAORTI
MUNICIPALITY
GARDENERS
CITIZENS
SOCIAL
sustainability
ECONOMIC
sustainability
ENVIRONMENTAL
sustainability
miraorti
back to the
gardens



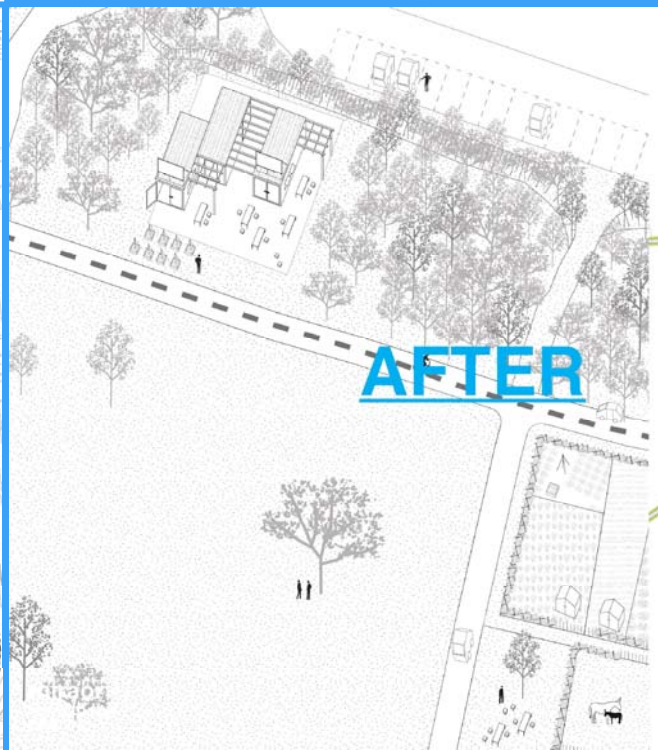
HOW

1. ACTION RESEARCH

2. SOCIAL ANALYSIS

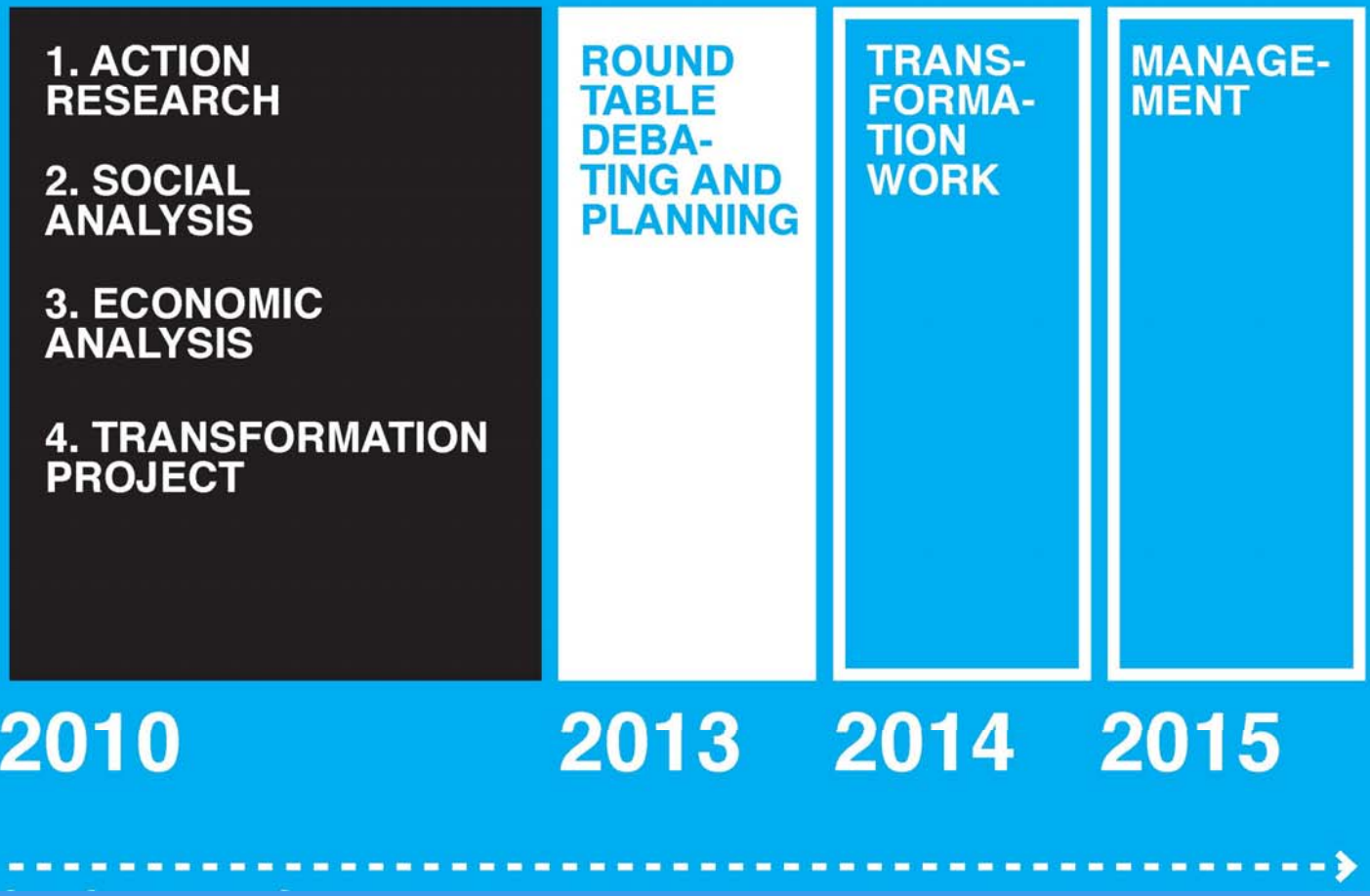


3. TRANSFORMATION PROJECT

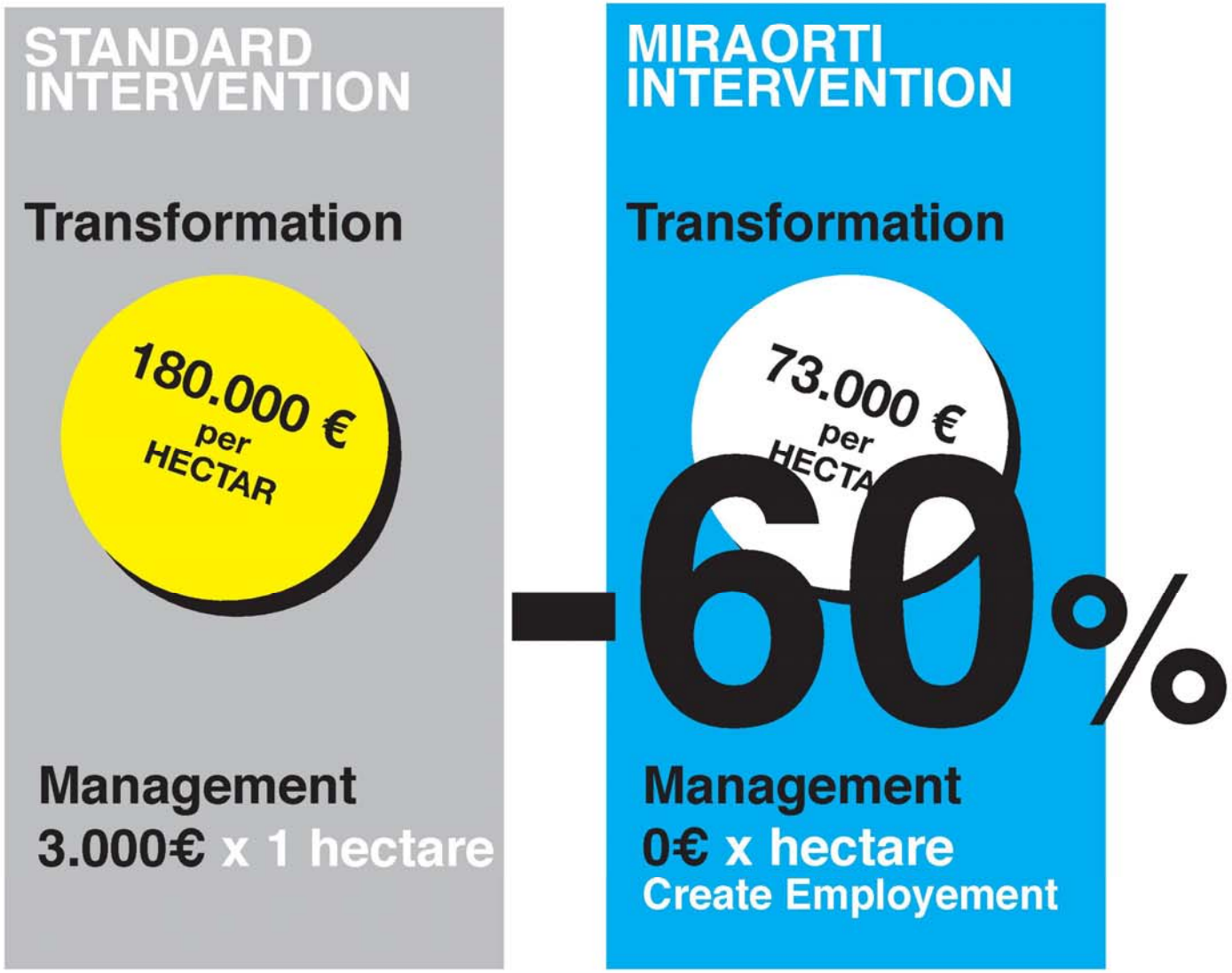


4. ECONOMIC FEASIBILITY STUDY

Implementation process



Convenience



miraorti
back to the gardens

Replicability

TURIN

5.000

illegal allotments

ITALY

35.000

illegal allotments

1.200 hectars public soil

70.000 gardeners

miraorti
back to the gardens

Team

Team

LOCAL DEVELOPEMENT EXPERT
link with the quarter and dialogue with public institutions

LANDSCAPE ARCHITECT
new park that supplements fruition and production

AGRONOMIST
ecological sustainability project

SOCIOLOGIST
coordination table for participatory trasformation

www.miraorti.com
miraorti@gmail.com

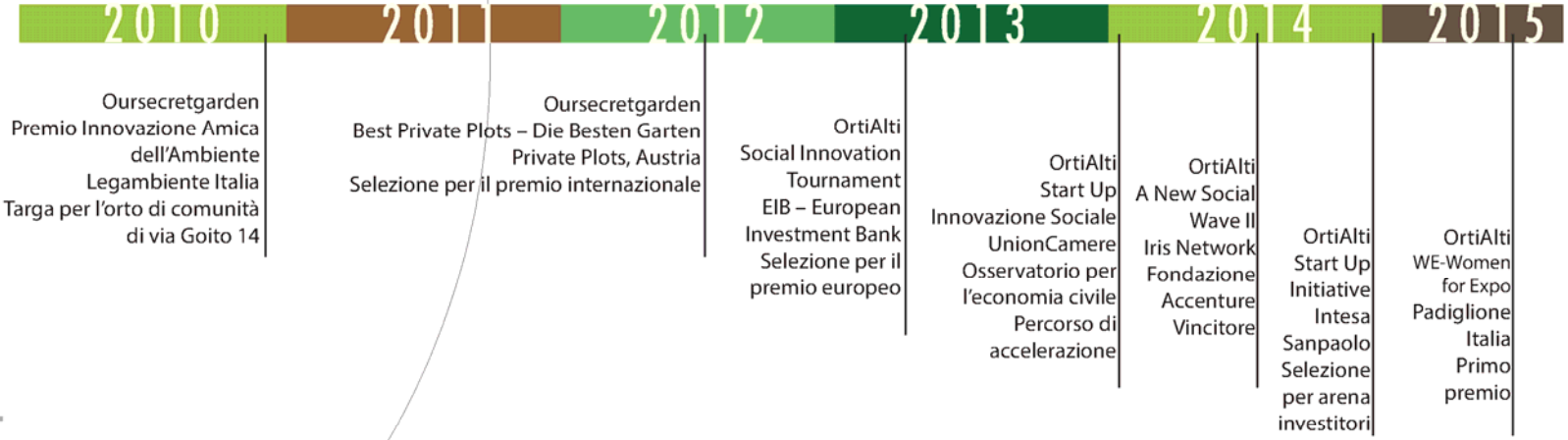
2. ORTIALTI

Credits: Otrialti; design: arch. Elena Carmagnani, arch. Emanuela Saporito


ORTI
ALTI
FARM YOUR
ROOFTOP.
ENJOY
SHARING!

ORTIALTI

FARM YOUR ROOFTOP. ENJOY SHARING!



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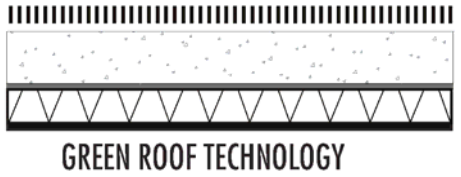
dispositivo?



GREEN ROOF TECHNOLOGY

+

+

ORTIALTI

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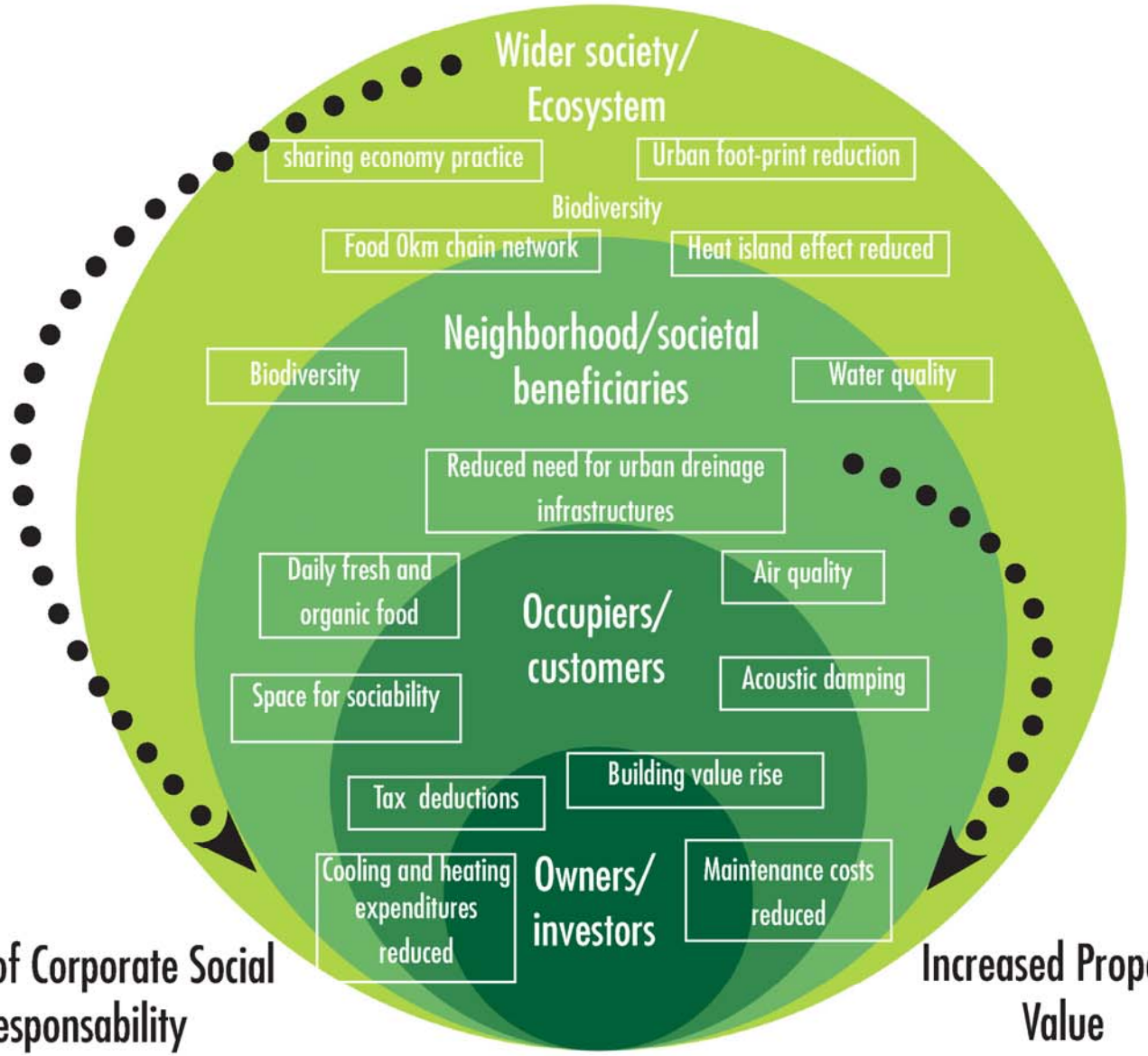
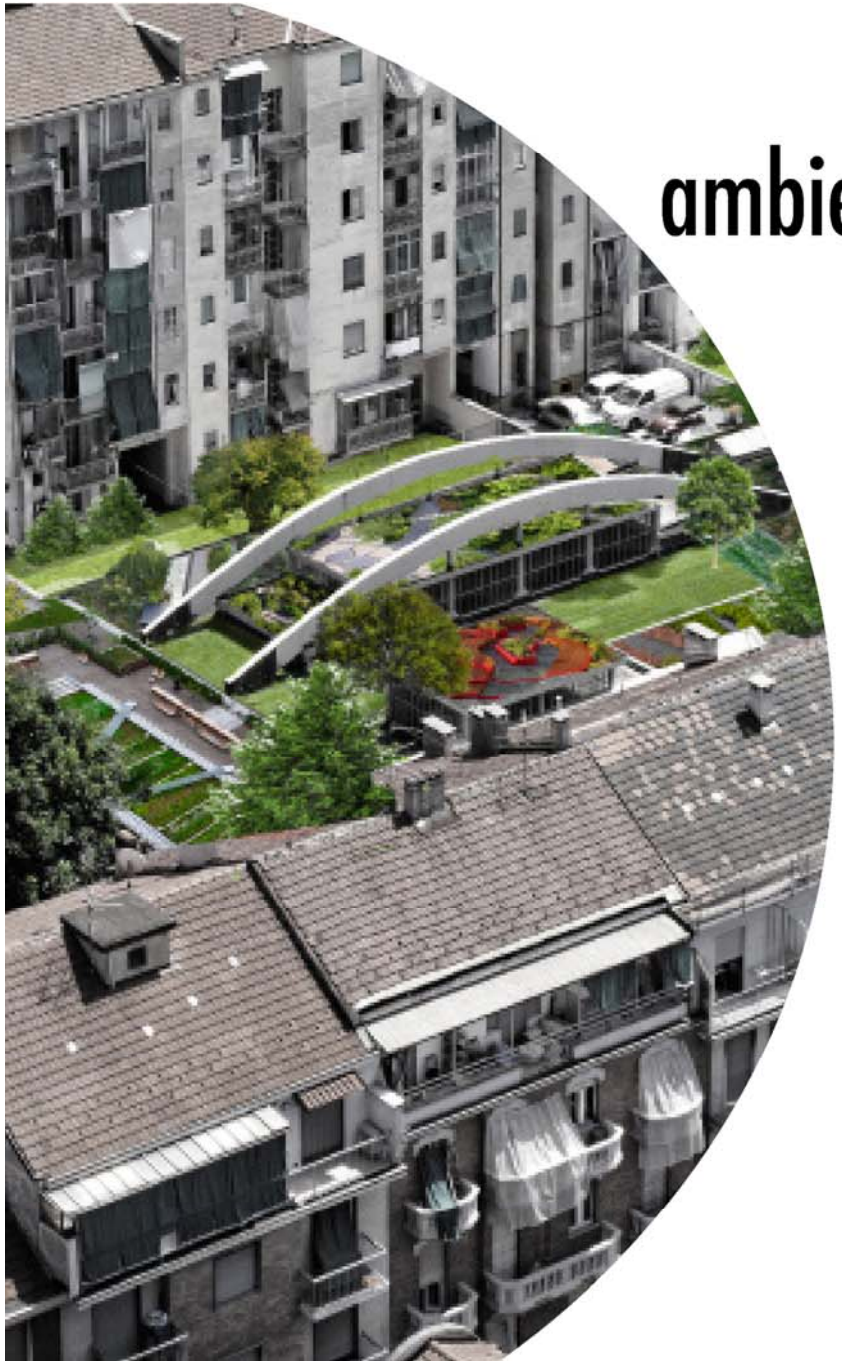



60% ABITANTI NELLE CITTA'
20% TETTI PIANI



ambiente urbano

35%
ASSORBIMENTO ACQUE PIOVANE

-UHI
RIDUZIONE DELL'EFFETTO ISOLA DI CALORE

-C02
MIGLIORAMENTO DELLA QUALITA' DELL'ARIA

-20°C T
RIDUZIONE DEL CARICO TERMICO SULLA SOLETTA

-50 dB
ASSORBIMENTO ACUSTICO

benefici sociali

100kg/100mq
VEGETALI PRODOTTI

100%
CIBO KM0

-URBAN FOOTPRINT
RIDUZIONE DELL'IMPRONTA ECOLOGICA

ORTIALTI

FARM YOUR
ROOFTOP.
ENJOY
SHARING!

R.O.I.

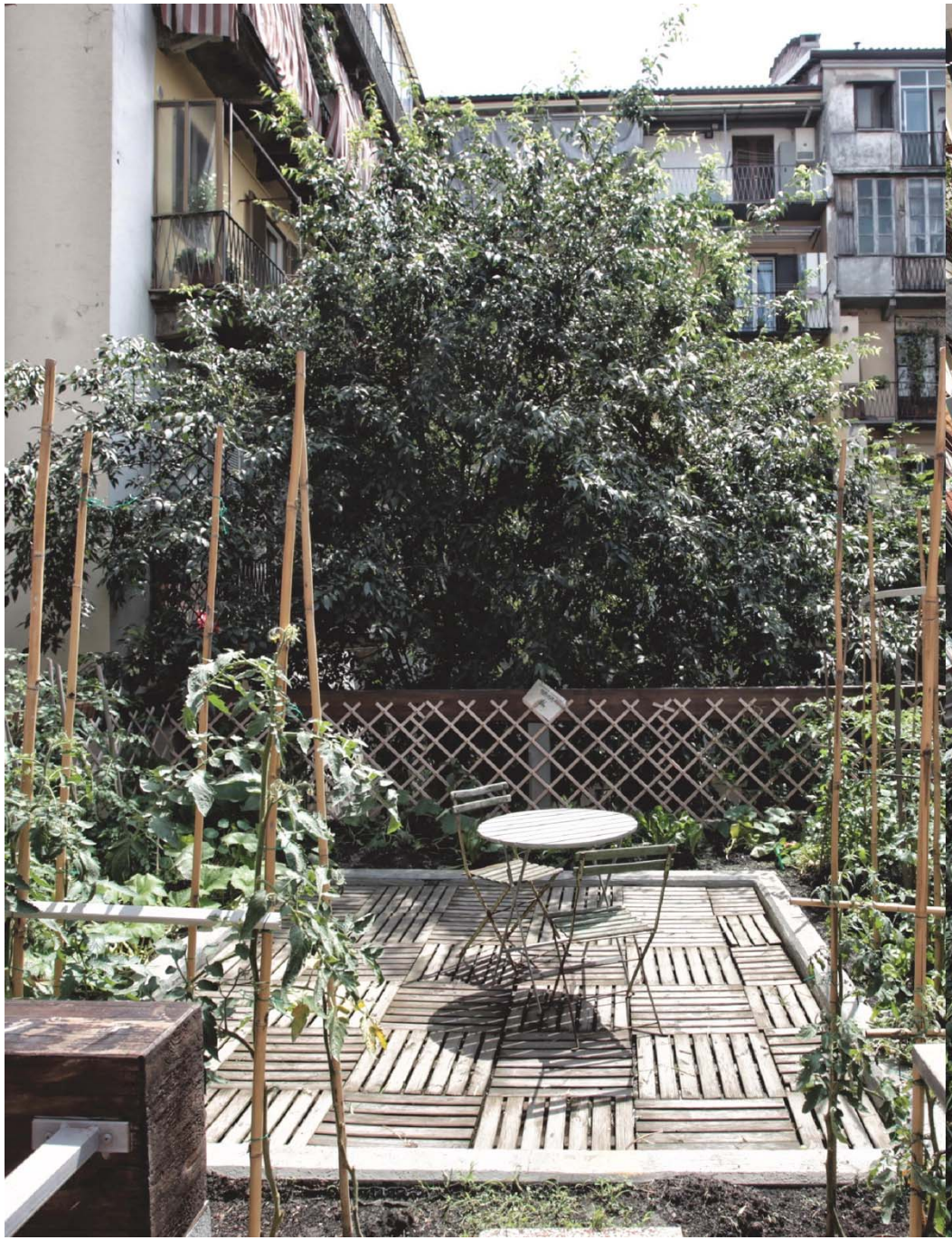
+15%
AUMENTO DEL VALORE
IMMOBILIARE

-10÷30%
CONSUMO ENERGETICO

-75%
COMSUMO PER RAFFRESCAMENTO

8 anni
AMMORTAMENTO

65%
DETRAZIONI FISCALI




POLITECNICO DI TORINO
European Investment Bank · Institute
Social Innovation Tournament
CAMERA DI COMMERCIO INDUSTRIA ARTIGIANATO E AGRICOLTURA DI TORINO
osservatorio economia civile
comitato imprenditorialità sociale
Fondazione Italiana Accenture
Iris Network Istituti di Ricerca sull'Impresa Sociale
INTESA SANPAOLO START UP INITIATIVE
TORINO SMART CITY
EXPO 2015
TAVOLI TEMATICI
WOMEN FOR EXPO
+
EXPO MILANO 2015
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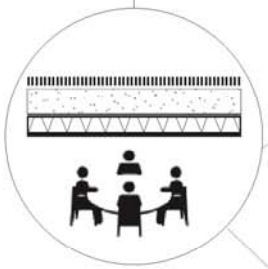
FARM YOUR ROOFTOP. ENJOY SHARING!
ROAD!2020
Harpo
SETA
verdepensile
999
agridea
un'impresa sociale

Orti Alti Business Model

01 CO-PROGETTAZIONE

02 COORDINAMENTO ALLA REALIZZAZIONE



03 REALIZZAZIONE

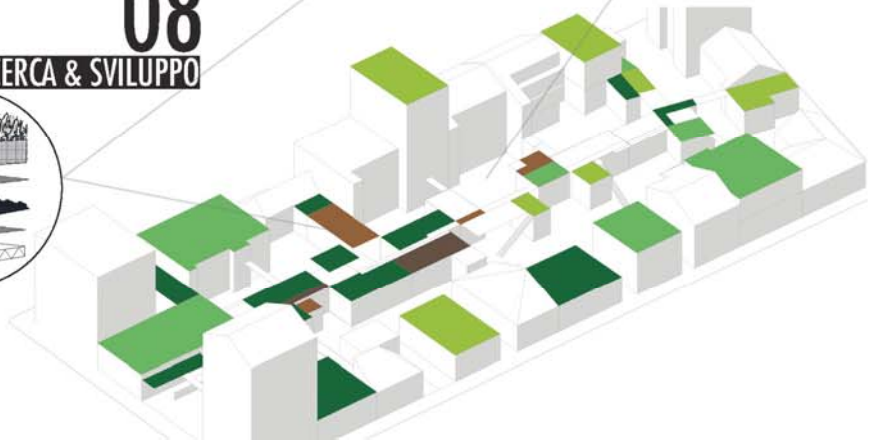
04 GARDENING

05 MARKETING & COMUNICAZIONE

06 FORMAZIONE E ANIMAZIONE

07 NETWORK

08 RICERCA & SVILUPPO



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ENJOY
SHARING!

PRIMA

DOPO

OrtiAlti

via Goito 14, Torino

www.ortialti.com

info@ortialti.com

3. TUR(I)NTOGREEN

turntogreen

international
student
design
competition

organized by

POLITECNICO DI TORINO

crd pvs

centro di ricerca e documentazione in tecnologia architettura e città nei paesi in via di sviluppo

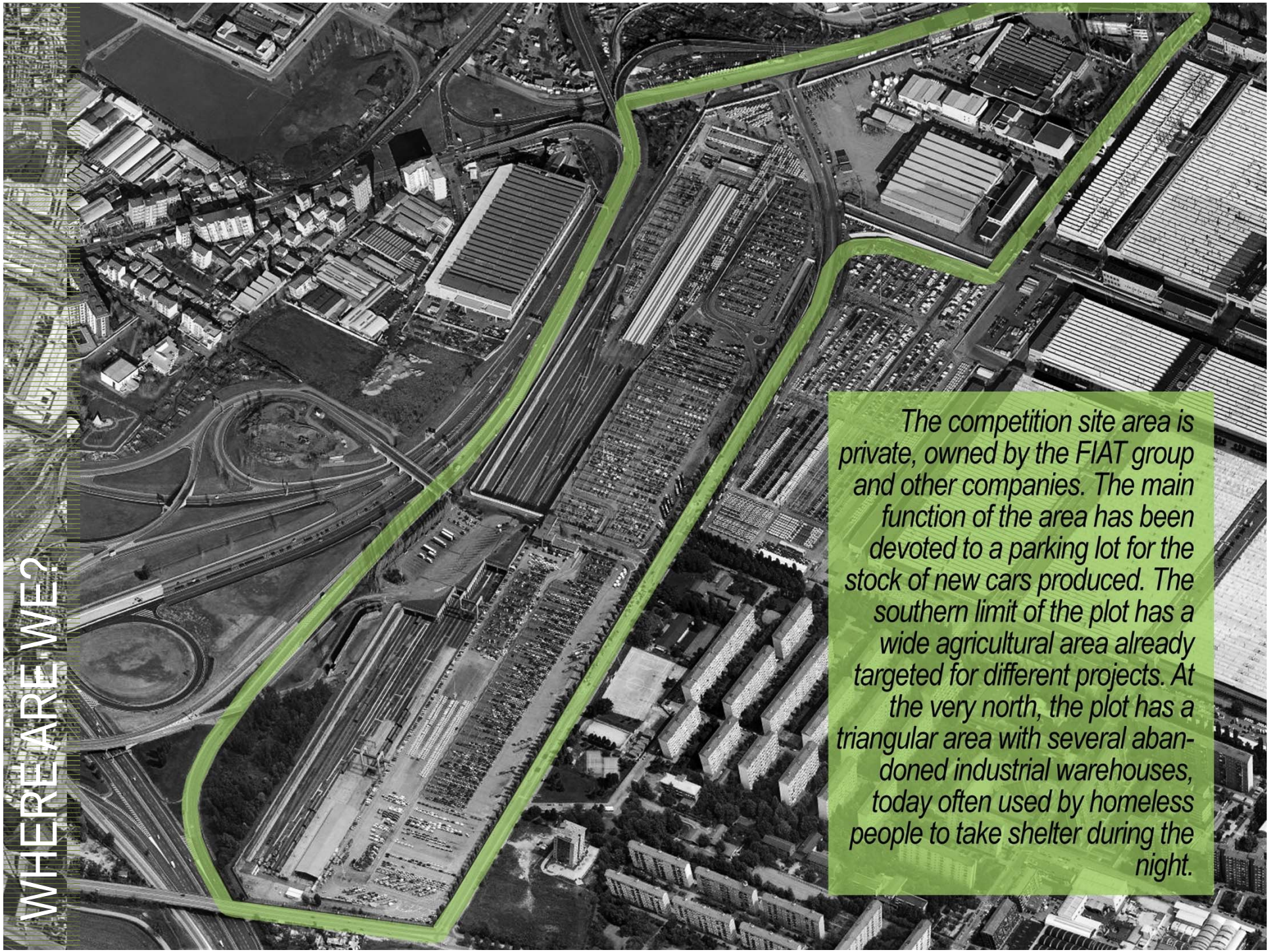
in collaboration with

UN HABITAT

FOR A BETTER URBAN FUTURE

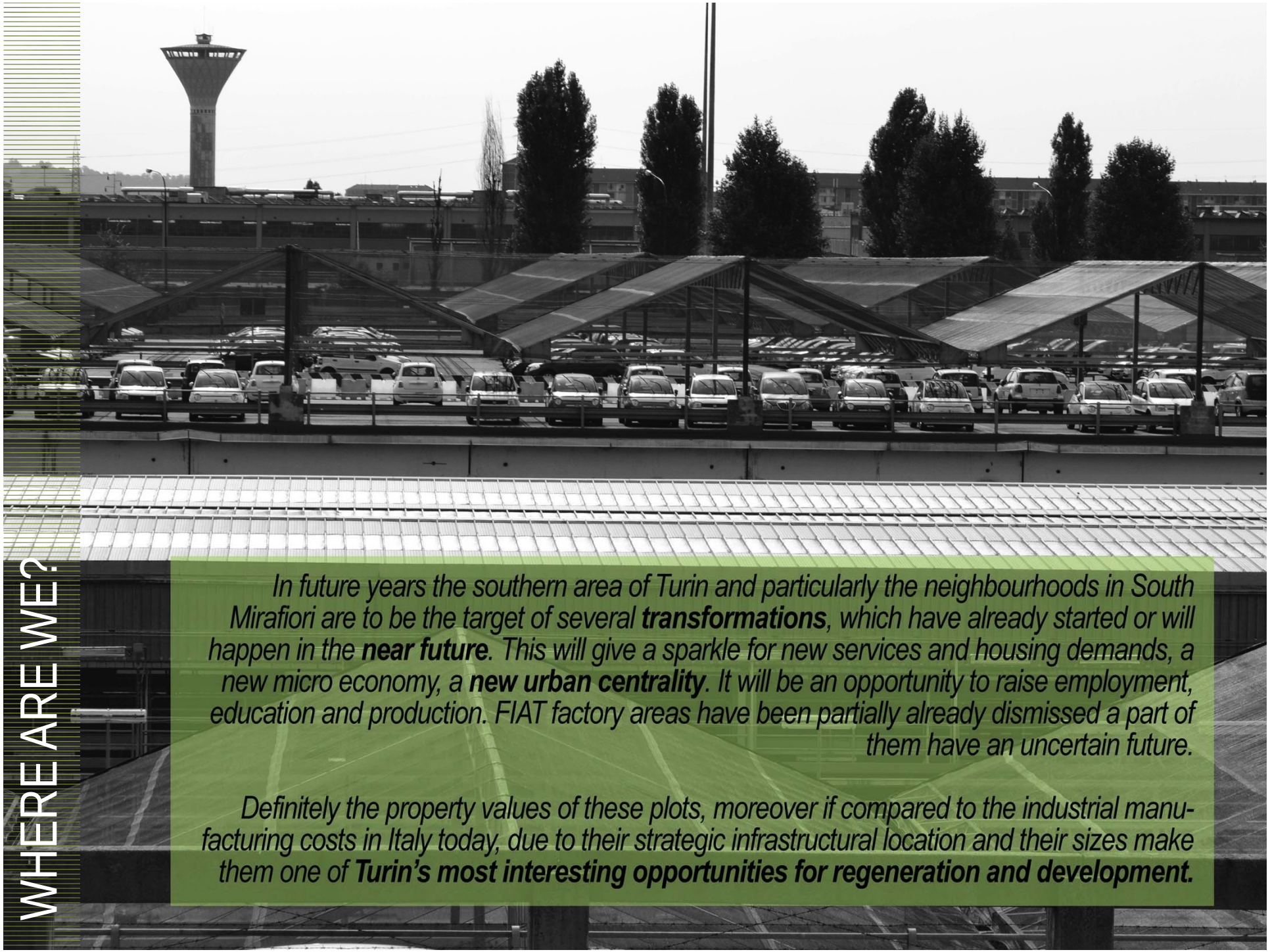

WHERE ARE WE?
TURIN'S CENTRAL AREA
WORKING AREA
FIAT MIRAFIORI
Turin, Italy.
South Mirafiori, Circoscrizione 10
(45°1'30.71"N, 7°36'22.92"E)

WHERE ARE WE?



The competition site area is private, owned by the FIAT group and other companies. The main function of the area has been devoted to a parking lot for the stock of new cars produced. The southern limit of the plot has a wide agricultural area already targeted for different projects. At the very north, the plot has a triangular area with several abandoned industrial warehouses, today often used by homeless people to take shelter during the night.

WHERE ARE WE?



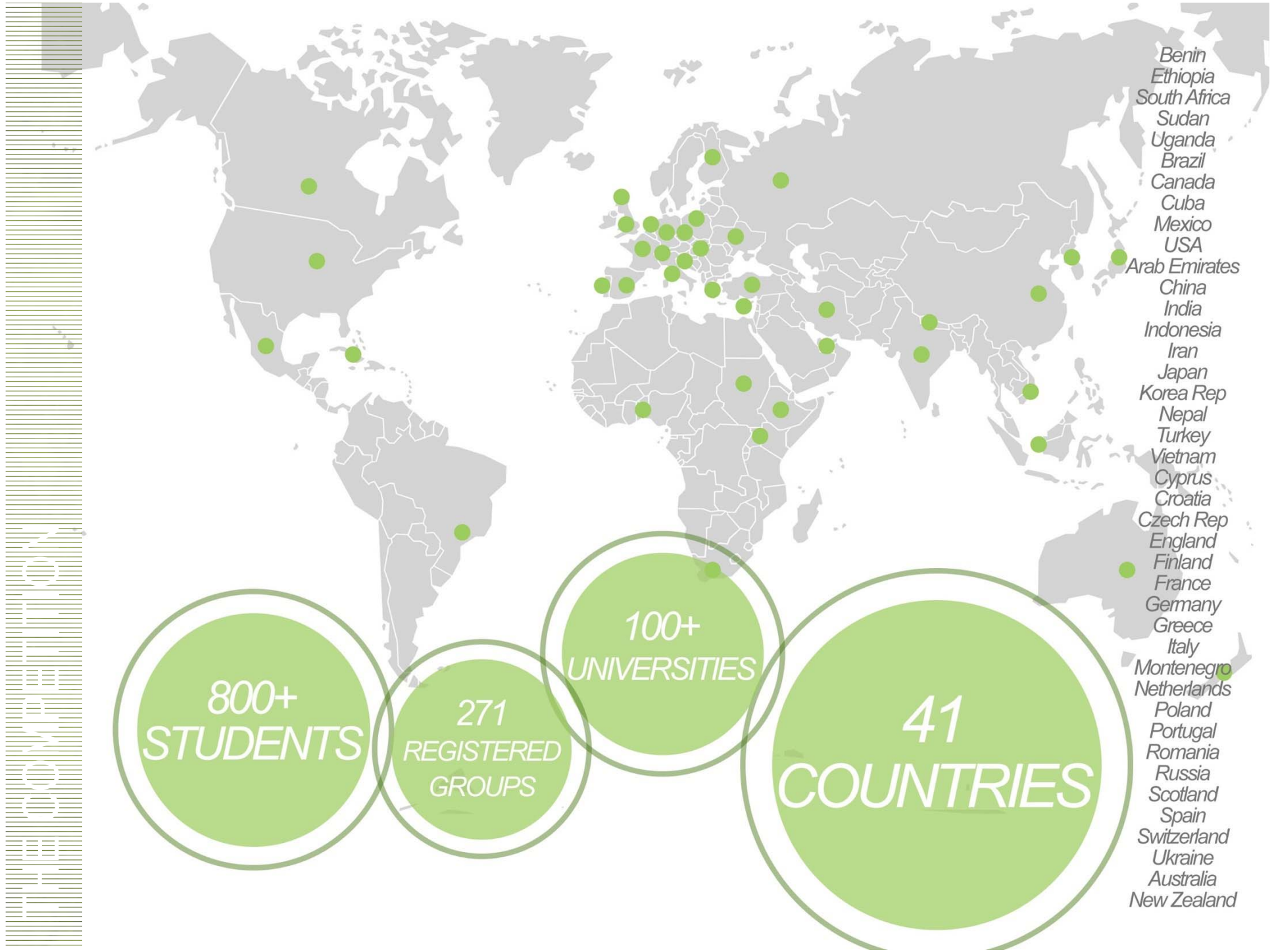
In future years the southern area of Turin and particularly the neighbourhoods in South Mirafiori are to be the target of several ***transformations****, which have already started or will happen in the* ***near future****. This will give a sparkle for new services and housing demands, a new micro economy, a* ***new urban centrality****. It will be an opportunity to raise employment, education and production. FIAT factory areas have been partially already dismissed a part of them have an uncertain future.*

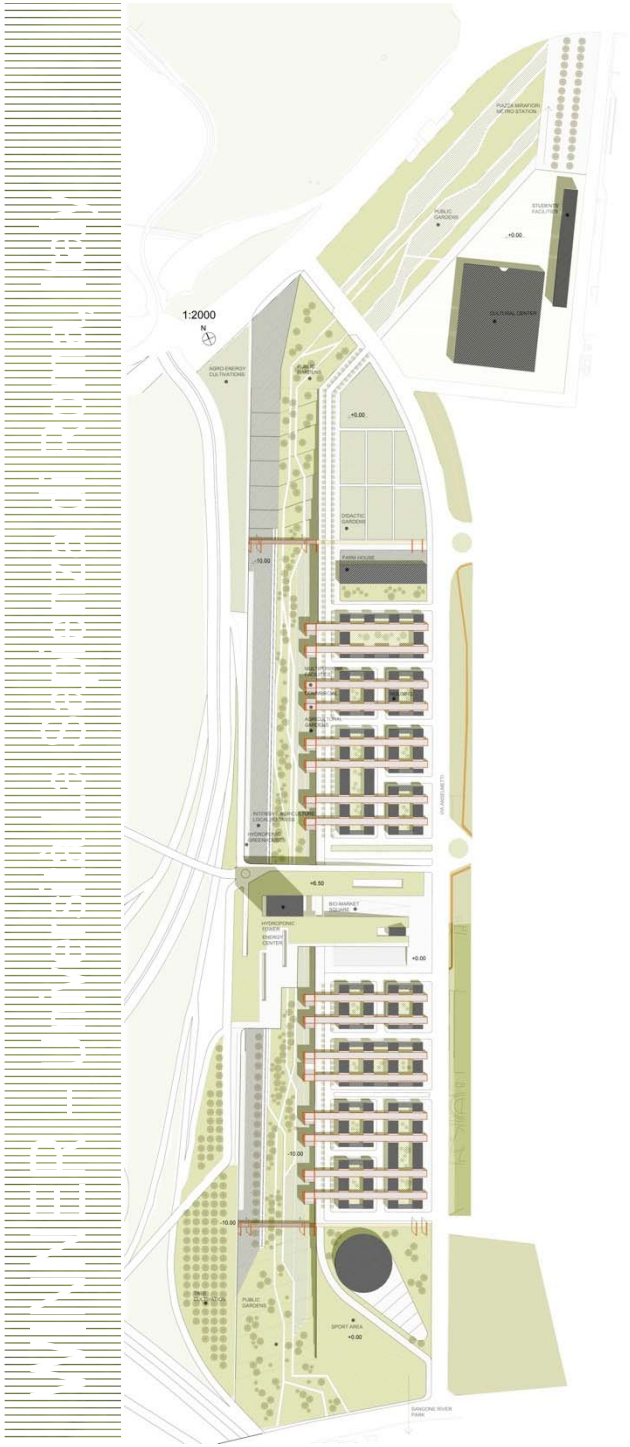
Definitely the property values of these plots, moreover if compared to the industrial manufacturing costs in Italy today, due to their strategic infrastructural location and their sizes make them one of ***Turin's most interesting opportunities for regeneration and development.***

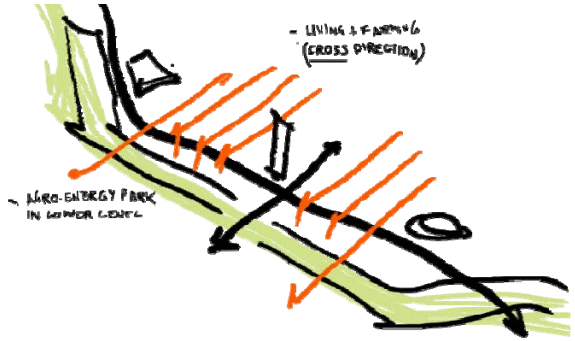
VISION

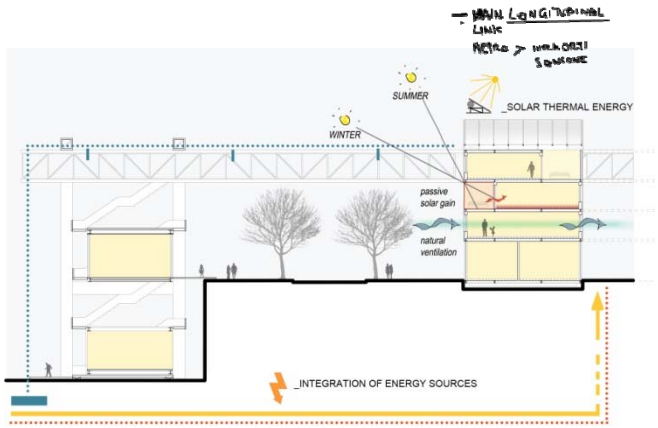
Imagine a neighbourhood that **CONNECTS** the city with the fields not only physically but also from the cultural, philosophical and environmental perspective. The area will be one of the main gates to Turin. This will be the **AGRICULTURE** and **FOOD PRODUCTION DISTRICT** in the city, where people will be living in a farming oriented urban realm.

The narrow area of the **FIAT** production area car parking will be the chance to provide Turin with a new model of urban life. Dwellings integrated with food production, in traditional or innovative models; housing for low income people and immigrants, with agricultural skills; spaces, services and features to let the younger generation reinvent their own way to work; urban farming that opens towards a new economy, including education, documentation, food retailing, agricultural and zoo-technical services.


800+
STUDENTS
271
REGISTERED
GROUPS
100+
UNIVERSITIES
41
COUNTRIES
Benin
Ethiopia
South Africa
Sudan
Uganda
Brazil
Canada
Cuba
Mexico
USA
Arab Emirates
China
India
Indonesia
Iran
Japan
Korea Rep
Nepal
Turkey
Vietnam
Cyprus
Croatia
Czech Rep
England
Finland
France
Germany
Greece
Italy
Montenegro
Netherlands
Poland
Portugal
Romania
Russia
Scotland
Spain
Switzerland
Ukraine
Australia
New Zealand

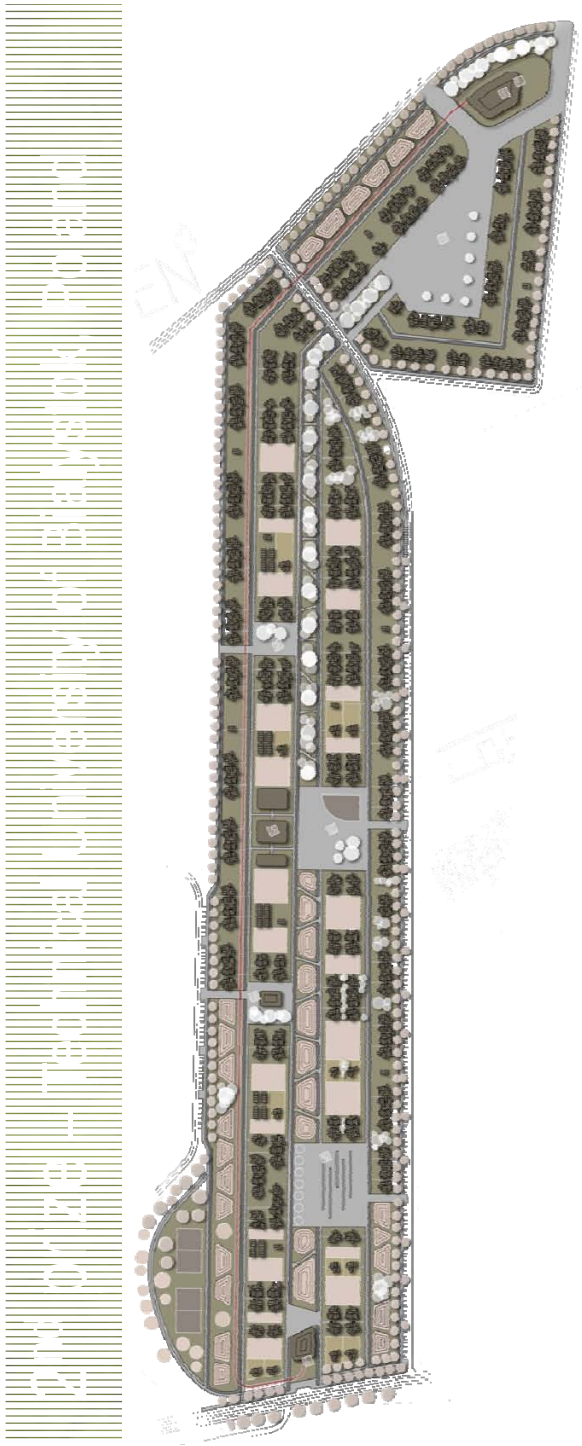


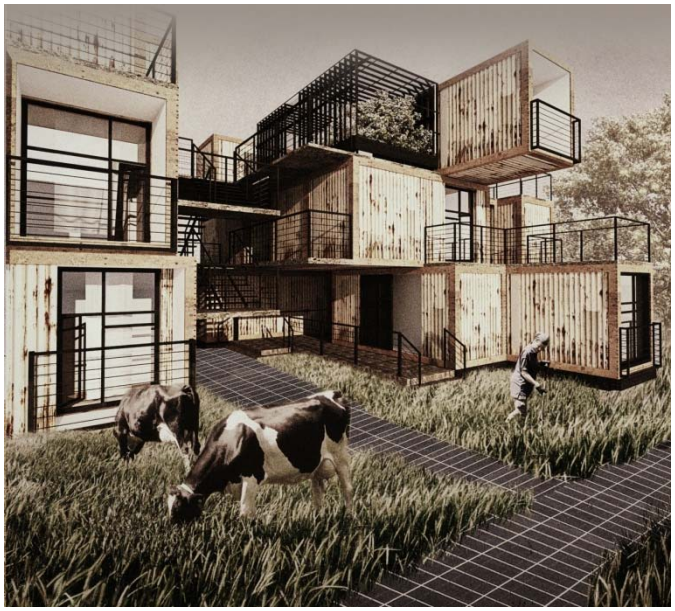




The proposed project provides a sustainable, wide and well integrated program that considers social engagement, urban agriculture, passive architecture and low carbon solutions. The design features and elements perfectly support the idea of integration of built and natural environment; nevertheless the architectural language clearly refers to the recent past and the identity of the competition area. Architecture and program outline a possible and desirable future vision for Mirafiori.

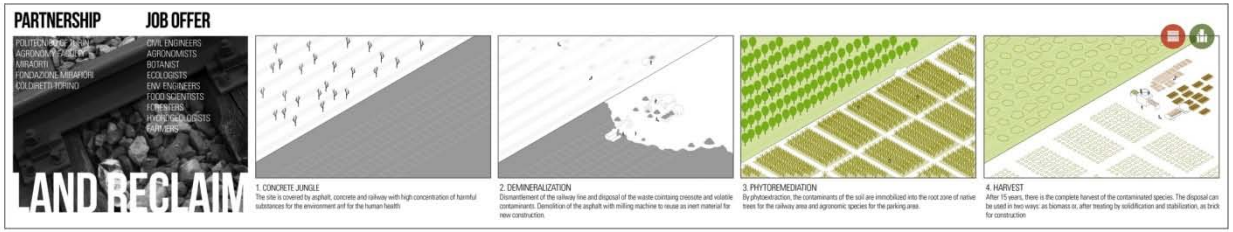
Enrico PINTABONA, Irene SAPIENZA, Gabriele MOTTA

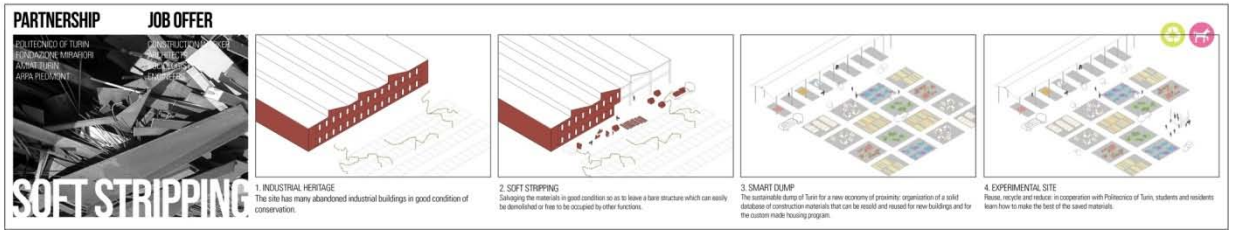




The strength of a utopian urban vision brings to the evidence the contradictions of the contemporary model, proposes a serious reflection on the neighborhood conditions and reveals possible directions for the definition of a new way to live. The proposed idea of a low cost agro-urban environment based on the concepts of “degrowth” and “transition towns” perfectly matches with the competition aims and the urban global challenges at large.

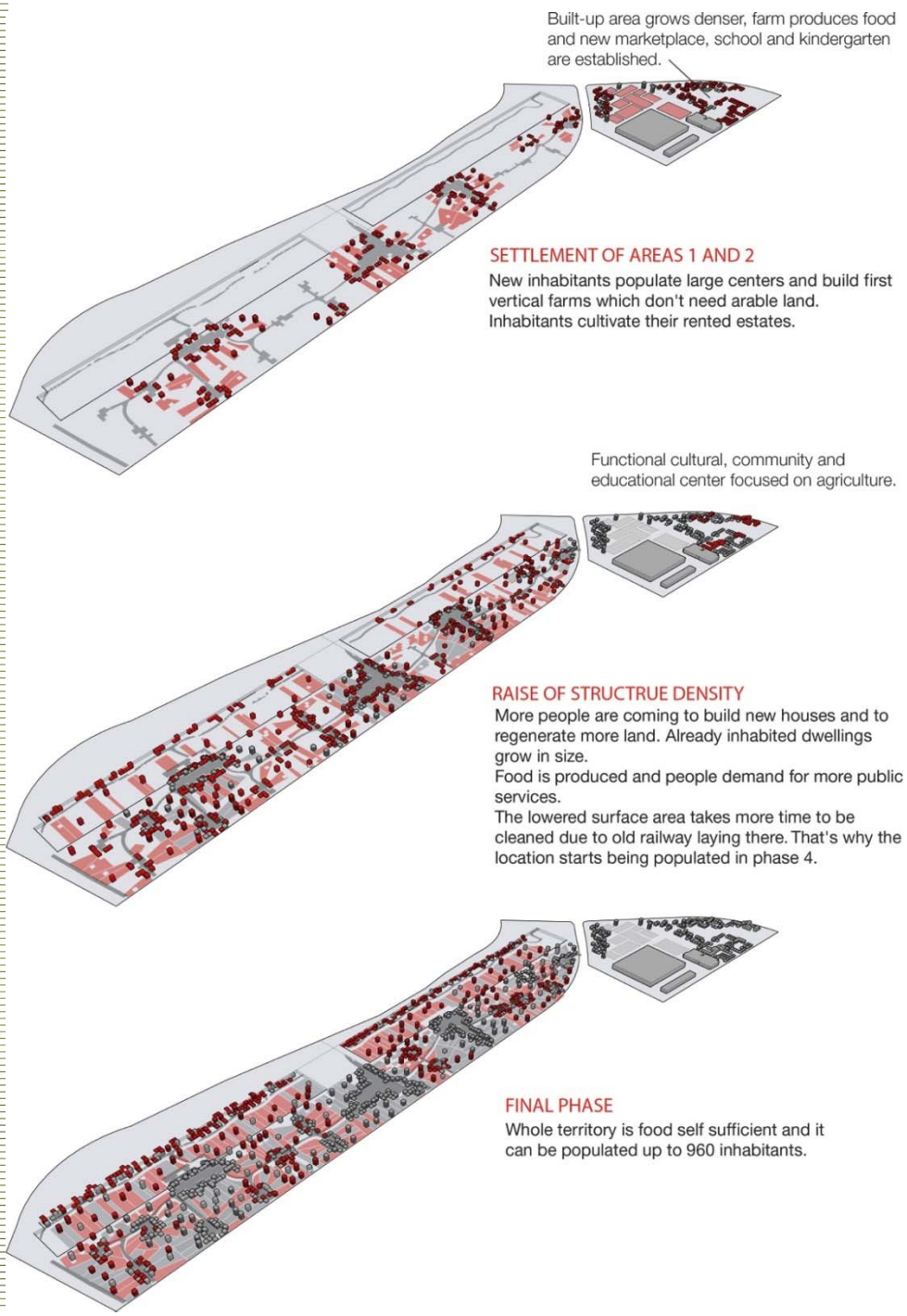
Agata LISOWSKA, Paulina KUSZNERUK, Marta KAPLAN





The project aims and achieves a design for a community rather than just physical neighborhood; the simple formal features are the result of a functional-engaging process among the young potential user's needs and aspirations with existing context. The proposal spots resources in the actual context, identifying ways to star innovative, smart urban processes in alternative to the present situation. This solution entails a new paradigm in the urban culture

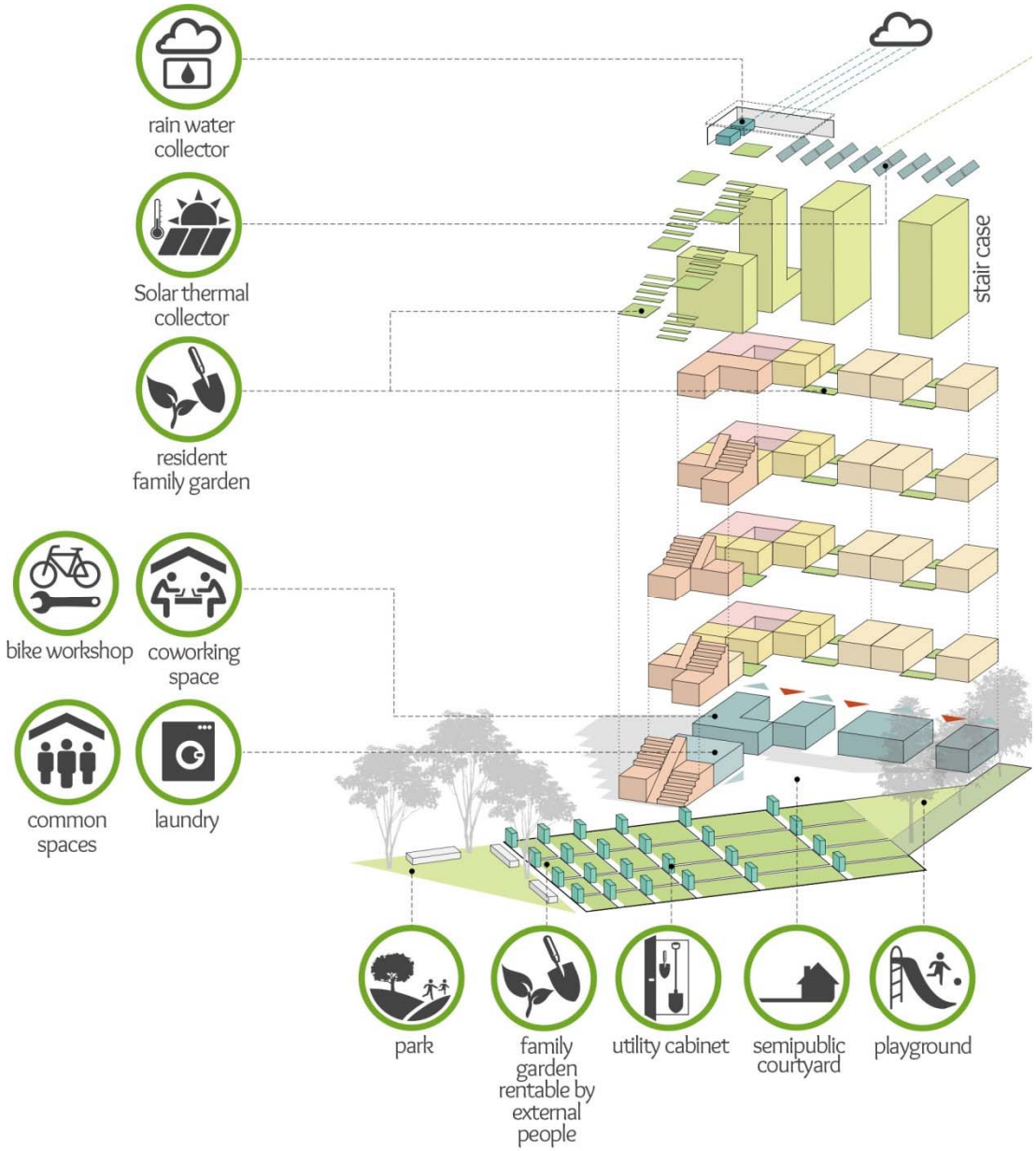
Stefano SCAVINO, Marilia FERREIRA ALVES, Erika KAWAS NUNES, StefaniaMANZO



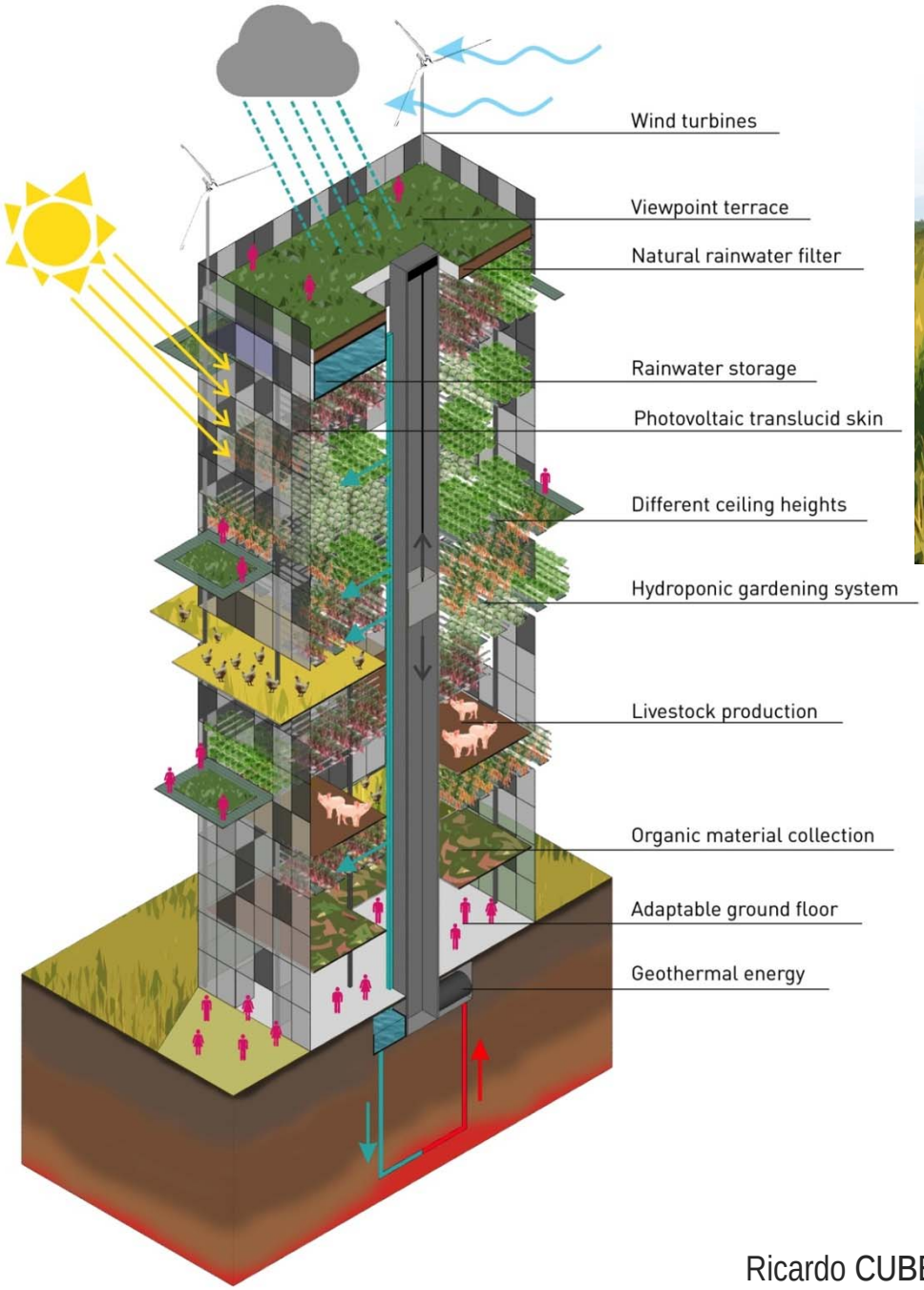
The project tries to demonstrate how an intensive agricultural use, associated with the introduction of vertical farms concept, could be an effective solution, able to solve the problem of space. Some of the existing buildings are meant to host community centres, working as information desk and “base camp” for the new tenants. Short term housing, community farming and educational centres are also developed to density the areas.

AdélaKYSELOVA

The aim of the project is to create a green corridor that will act as the spine that structures the whole area and beside, connects the neighbourhood with the outer part of the city. On the inside, the green space is meant to be multi functional: local traditional agriculture, intensive agriculture through “vertical farms”; the phyto depuration process, absorbing the contaminants at a very low costs and low impact; a park. Dwellers can follow the different steps of the agricultural and food production, with the chance to learn the foods origins and the possibility of a “zero kilometre” consumption.

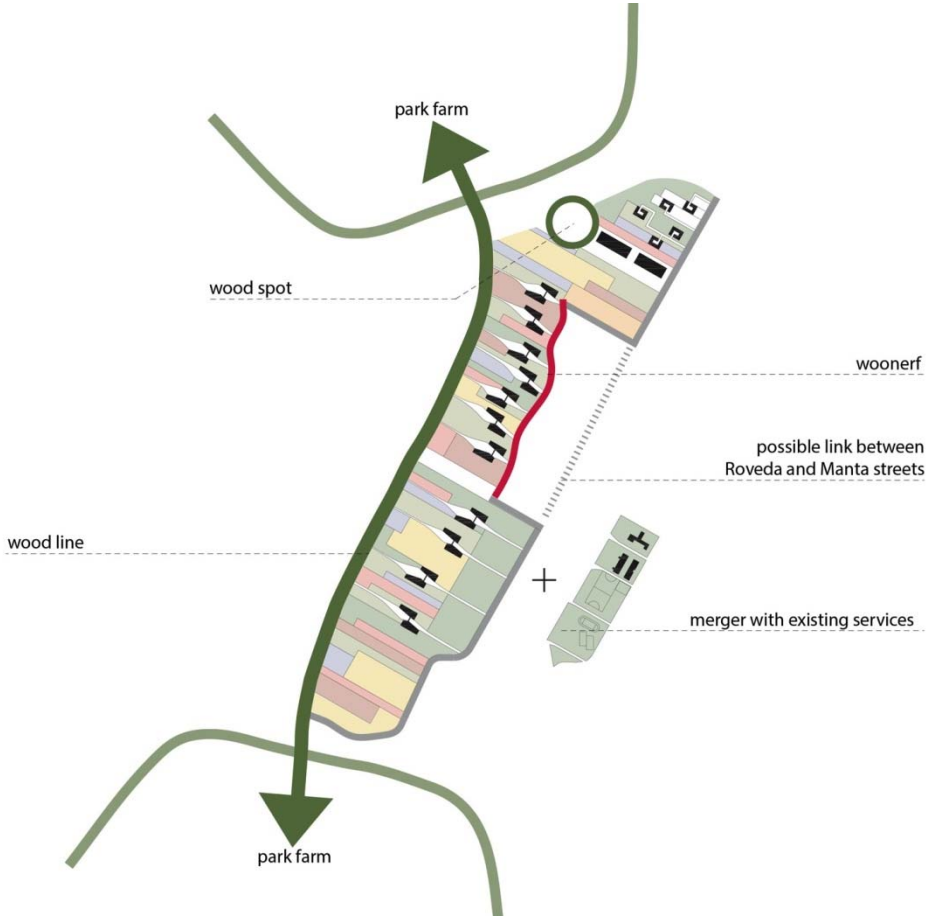


Flavio GIACCONE



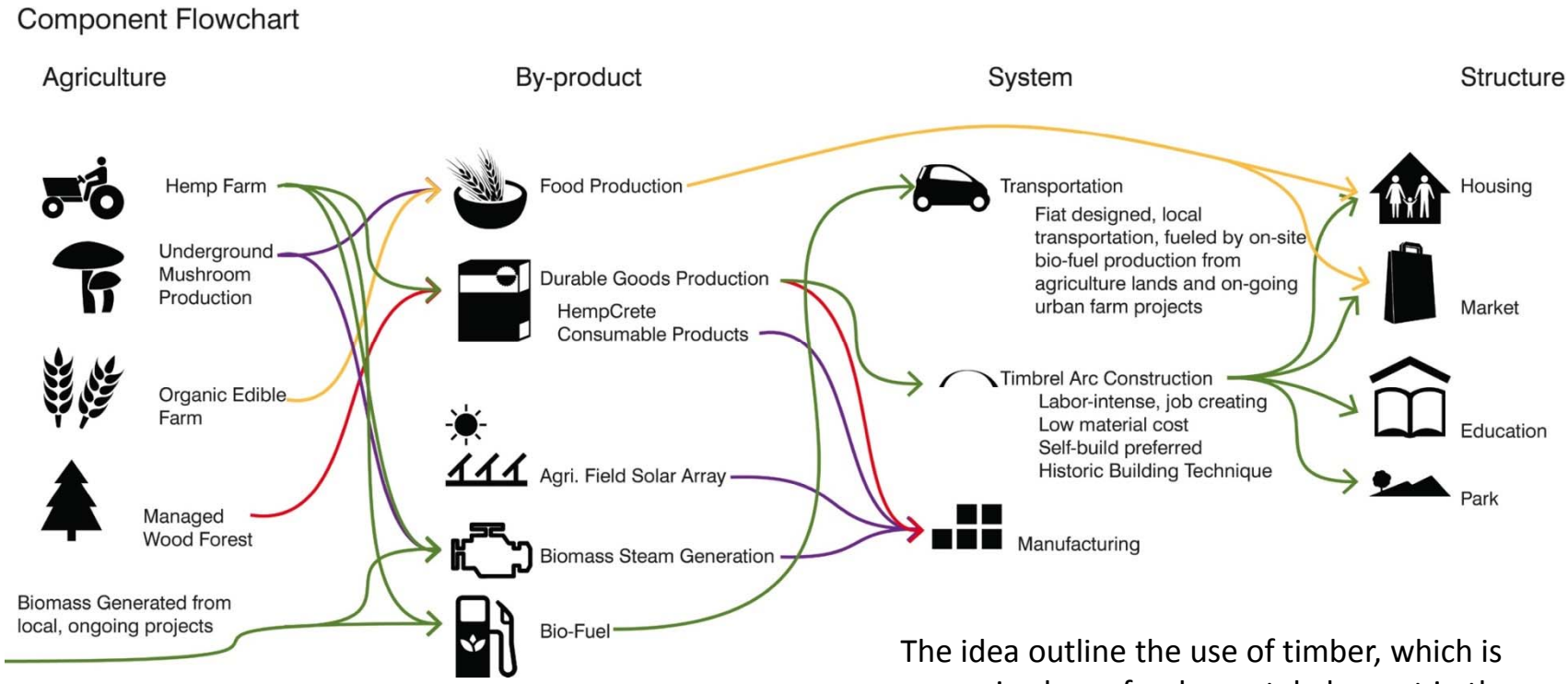
The project has been conceived as a set of places where people live and work directly in contact with nature. The landscape is composed by stripes that flow through the entire area, dividing the land where crops, houses and towers are placed, creating an integrated and continuous landscape featured as a rural area containing traces of urban life along with a wild and leisure park. Much attention is paid to the connections with the rest of the city, with an emphasis on the fore coming gate towards Corso Marche and strengthening the existing transport system.

Ricardo CUBELLAS DE AZEVEDO, Marina NECO, Leandro ISHIOKA



The scheme aims to create a “green spine” as a new link between fallow, cultivated and urban existing areas, crossed by a plot structure that refers to the traditional agricultural northern Italian landscape.
The area is surrounded by a green barrier to enclose the agricultural plots behind the residential buildings. Fields and gardens give the chance to turn the backyards into fronts.
The buildings are juxtaposed in order to recreate spaces devoted to gathering collective functions, aiming to create a sense of community among the residents who will live in this area and the whole neighbourhood. The agricultural areas are crossed by paths connecting all the plots and meant also to be used by small size agricultural machines.

Michele CORTINOVIS, Paola CORTESI, Serena COMI



The idea outline the use of timber, which is recognized as a fundamental element in the history of architecture, as a trigger to create all the low-cost and low-carbon structures proposed, used as warehouses, storefronts, greenhouses, office spaces and housing, giving dwellers the chance to have freely shape their own spaces, through a self-construction and a self-maintenance. In order to support this process, the group propose to implement a micro lending bank to provide start up capital for a multitude of local community owned businesses, with a particular focus on urban agriculture and locally produced durable goods.

Ethan GRAY, Grace MILLER


www.turintogreen.org
www.facebook.com/turintogreen
info@turintogreen.org

muchas gracias por su atención!!

Next.. in Torino…

7th INTERNATIONAL AESOP - SUSTAINABLE FOOD PLANNING CONFERENCE
Localizing urban food strategies. Farming cities and performing rurality
http://www.aesoptorino2015.it

IFLA2016 – WORLD LANDSCAPE CONGRESS

Francesca De Filippi
francesca.defilippi@polito.it
Dipartimento Architettura e Design – Politecnico di Torino
www.polito.it

XI Seminario Urbanismo Internacional

Ciudad Agua

Urbanismo sustentable e inteligente

del 13 al 17 de abril de 2015
Museo Franz Mayer, Centro Històrico
Ciudad de México

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CYAD Ciencias y Artes para el Diseño
evaluación del diseño en el tiempo
ÁREA AU