

Composition[#1]

Thursday, April 12th, 2012

Andrea Di Giovanni

Contents (of two lectures)

Thursday, April 12th, 2012

- 1. What does composition mean?
- 2. City's changes
- 3. Compositional concepts: a technical reading
- 4. References

Thursday, April 19th, 2012

- 5. Comparison and Achievements
- 6. New Towns designed in the East
- 7. References application: redesign of spontaneous outcropping Cities
- 8. Retrofitting programs for insurgent outcropping Western Cities

Lecture references

- Aa.Vv. (2006), Città. Architettura e società. Catalogo della X Mostra Internazionale di Architettura di Venezia, Marsilio, Venezia.
- Indovina F., Fregolent L., Savino M. (a cura di) (2005), *L'esplosione della città*, Editrice Compositori, Bologna.
- Gabellini P. (2001), Tecniche urbanistiche, Carocci, Roma.
- Gabellini P. (2010), Fare urbanistica. Esperienza, comunicazione, memoria, Carocci, Roma.
- Di Giovanni A. (2010), *Spazi comuni. Progetto urbanistico e vita in pubblico nella città contemporanea*, Carocci, Roma.

1. What does composition mean?

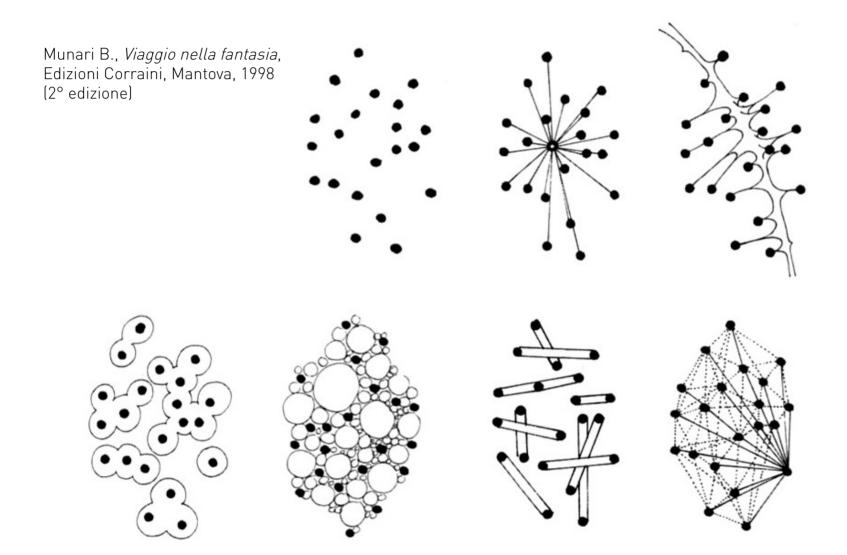
Composition

A definition from the Collins English Dictionary

- 1. the **act of putting together** or making up by combining parts or ingredients
- 2. something formed in this manner or **the resulting state** or quality (a mixture)
- 3. the **parts of which something is composed** or made up (constitution)
- 4. a work of music, art, or literature
- 5. the harmonious arrangement of the **parts** of a work of art **in** relation to each other and to the whole
- 6. printing the act or technique of **setting up** type
- 7. linguistics the **formation of compound** words
- 8. chemistry the **nature and proportions of the elements** comprising a chemical compound

In our perspective (the subject is the contemporary city) and according to our purposes (its development and the improvement of its liveability) to speak about "composition" means to consider different approaches (techniques and intervention modalities) useful for the re-arrangement of the contemporary city (the urban territory) and its parts.

To compose means basically to organize **relationships** among **urban elements** and/or among different **parts of the territory**.



Two different and recurrent situation claim composition:

- 1- in the East, the building of **New Planned Towns**;
- 2- in the West, the **spontaneous formation of ongoing new towns within traditional cities** (like a consequence of two different but complementary processes: the *incremental growth* around traditional cities and the *transformation of several inner parts* of them).

In both cases **contextual condition** are fundamental according to site specific design need.

On the other hand it is useful to refer to and to re-interpret (according to present issues) some **general references** of the past.

These lectures on composition focus both this two different kind of processes (the building of new planned towns and the spontaneous formation of ongoing new towns within traditional cities) and try to outline adequate **compositional criteria** and **set of techniques** for both this two different situations.

2. City's changes

Aa.Vv. (2006)

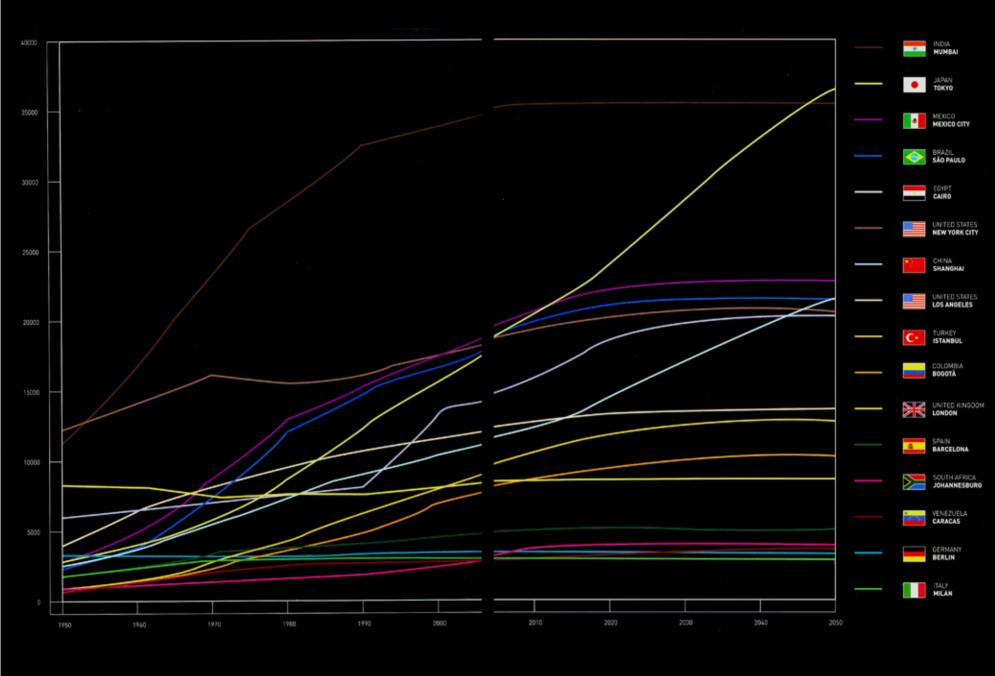
Città. Architettura e società

Catalogo della X Mostra Internazionale di Architettura di Venezia Marsilio, Venezia

Population

(an indicator of city growing)

Among different contemporary urban and regional phenomena (which often generate new forms of urbanity), processes of **urbanization** and **urban growth** have of course an important role.



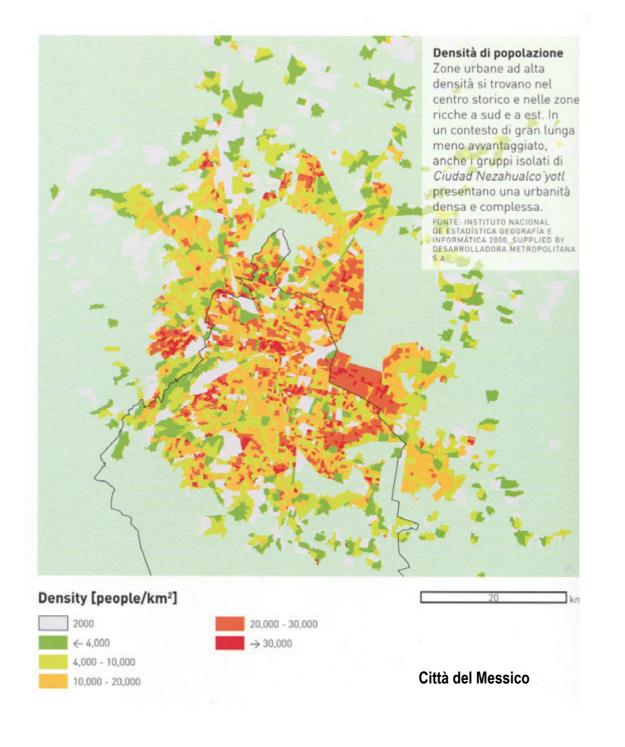
Aa.Vv. (2006), Città. Architettura e società. Catalogo della X Mostra Internazionale di Architettura di Venezia, Marsilio, Venezia.

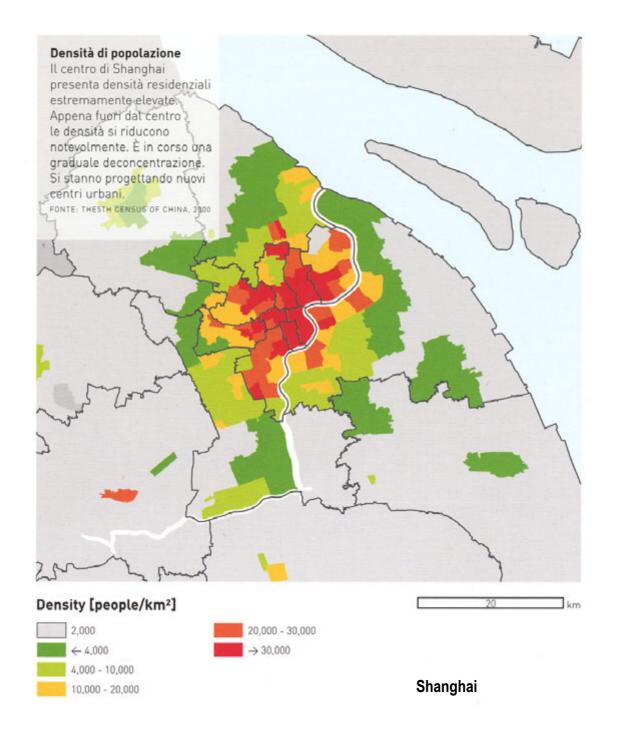
Density

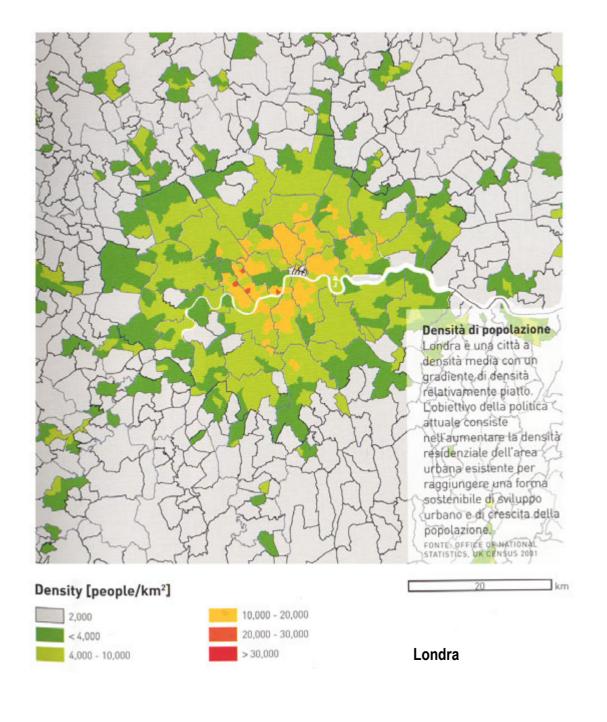
(people within urban space)

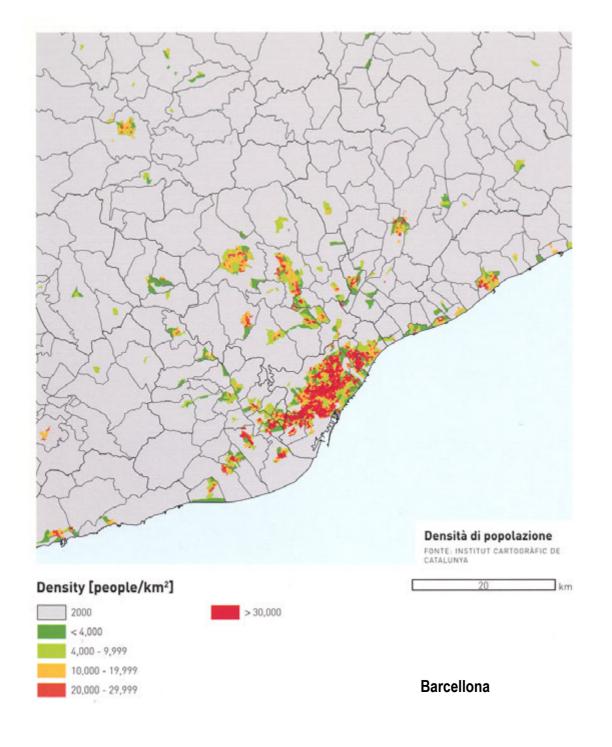
Not just a matter of "quantity" and "pace" of growth.

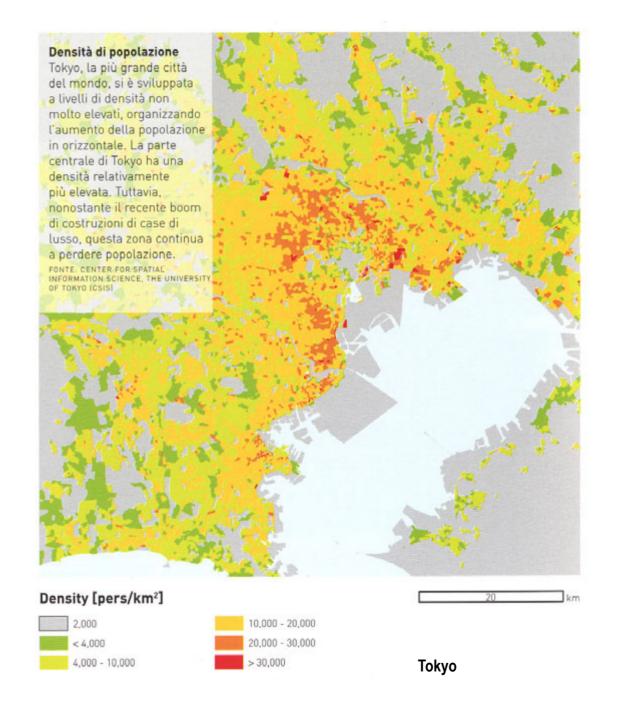
It is possible to recognizes **settlement of different kind** according to the distribution of people (in different geographical areas).

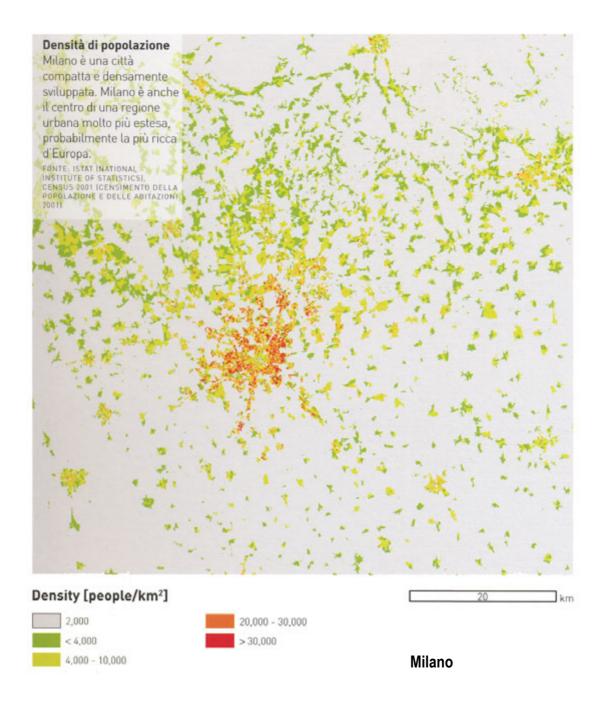












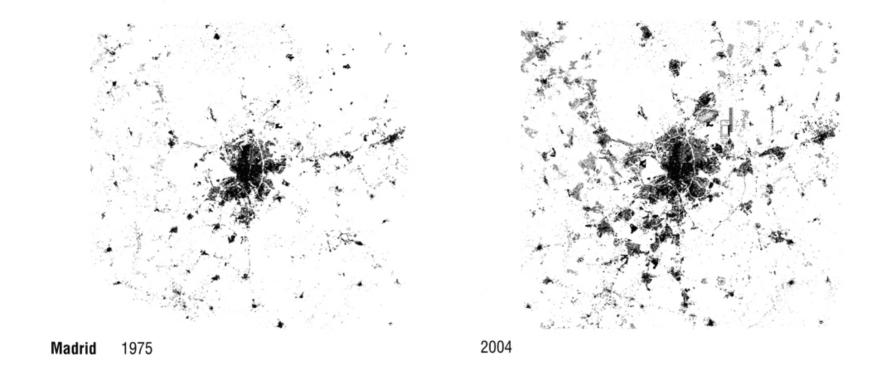
Indovina F., Fregolent L., Savino M. (a cura di) (2005)

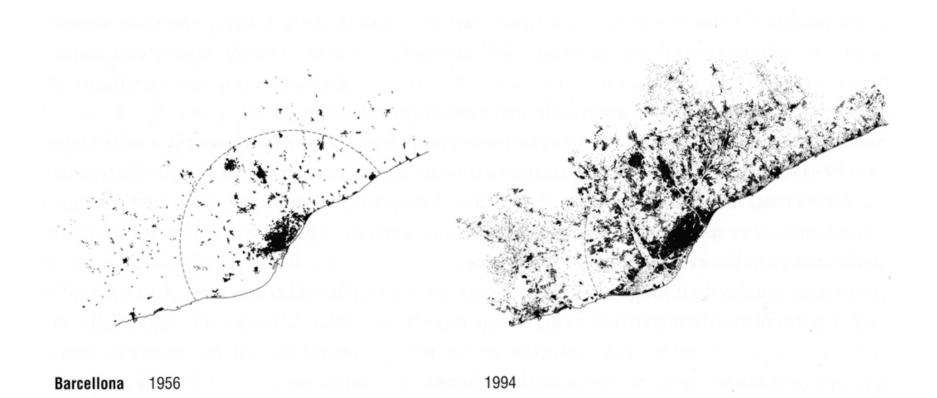
L'esplosione della città

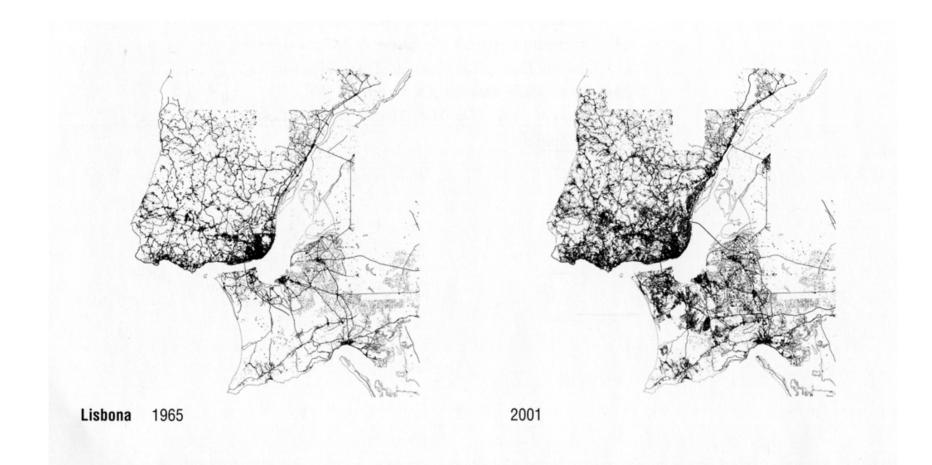
Editrice Compositori, Bologna

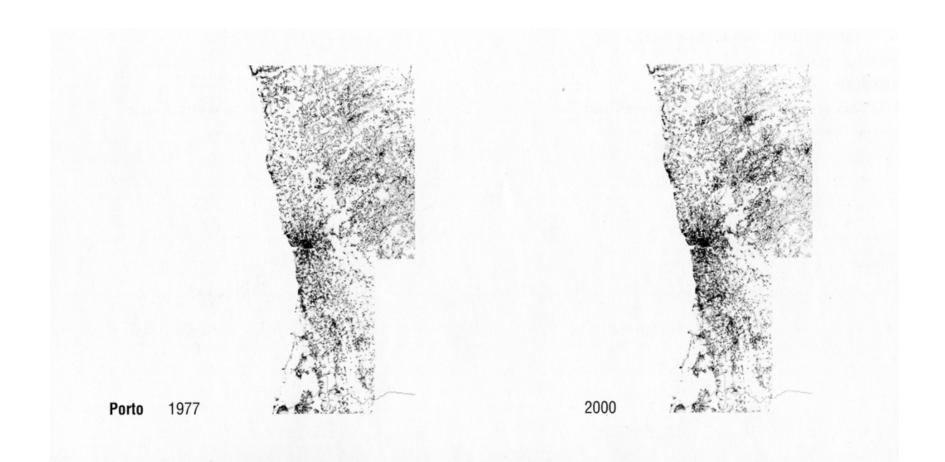
Space

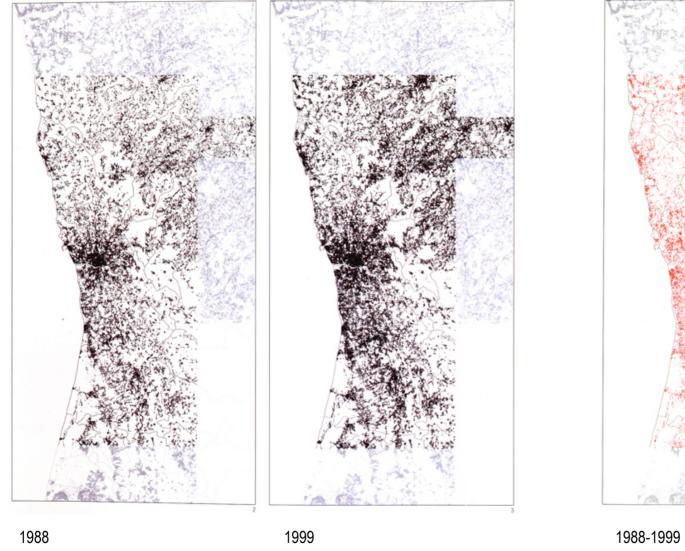
(and settlement features)





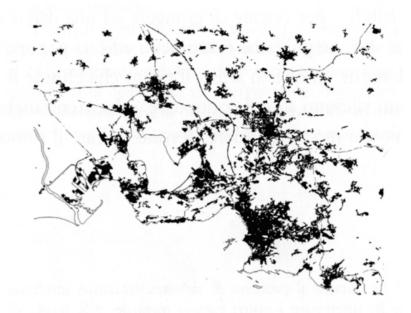






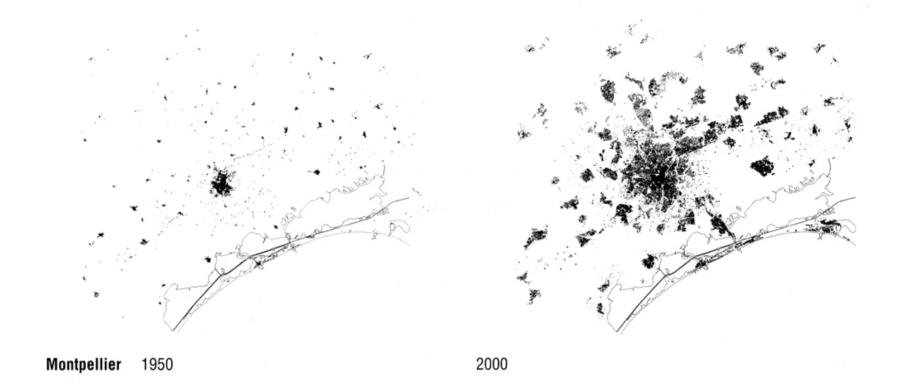
Porto

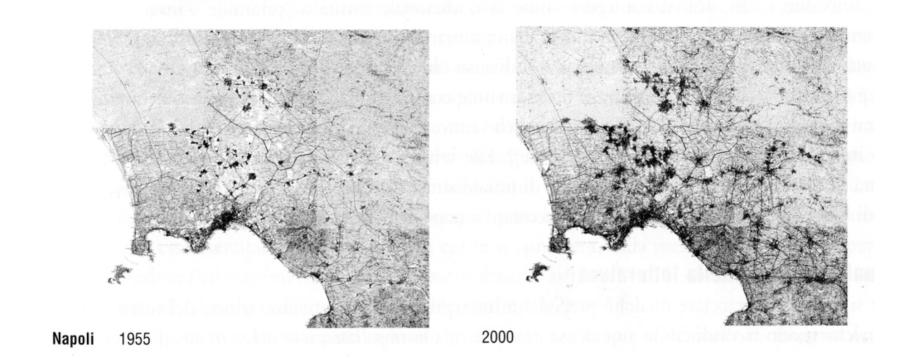


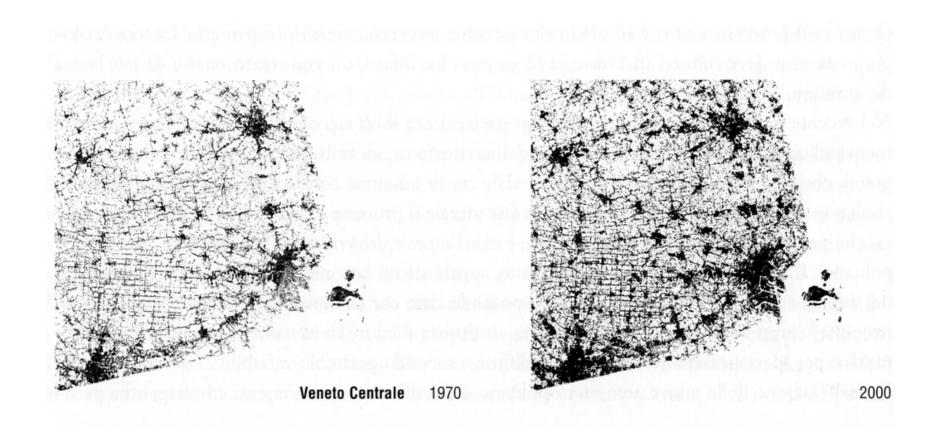


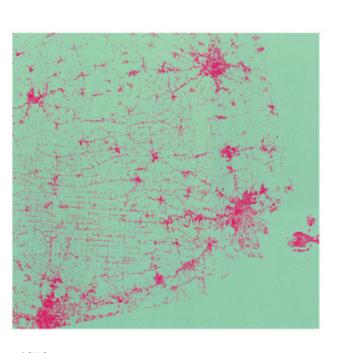
Marsiglia 1980

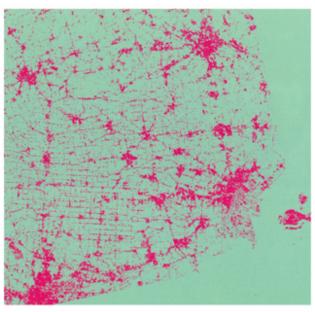
2000

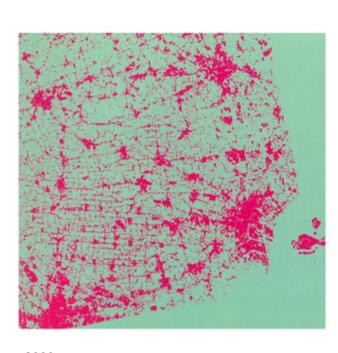












Veneto centrale

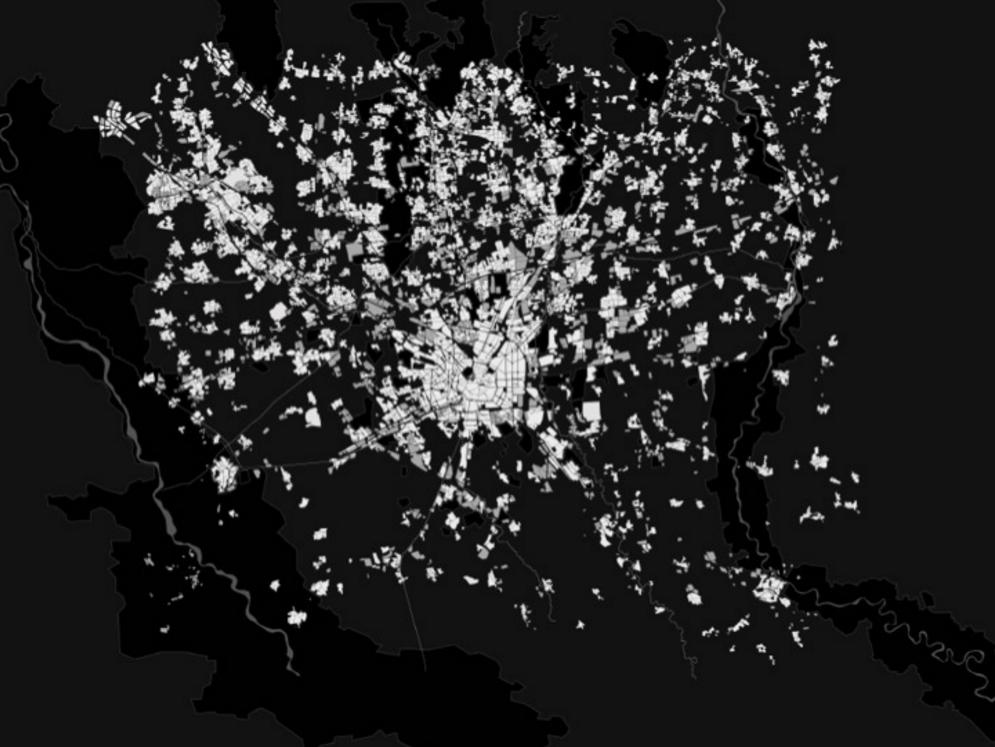


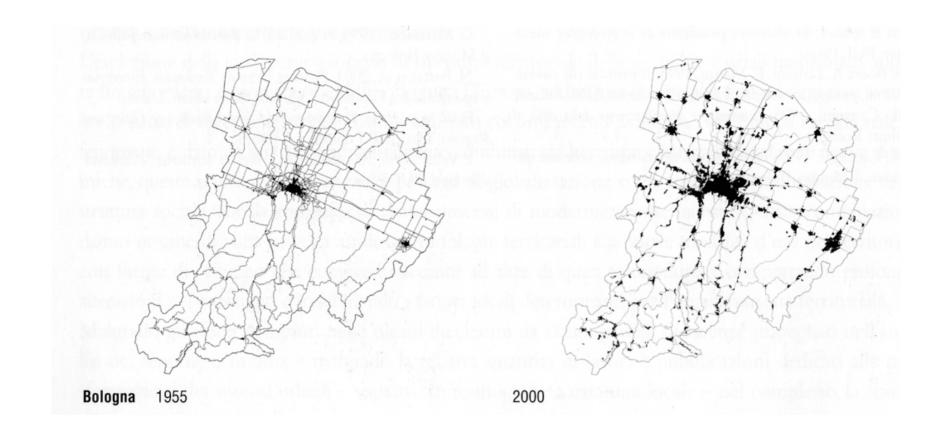


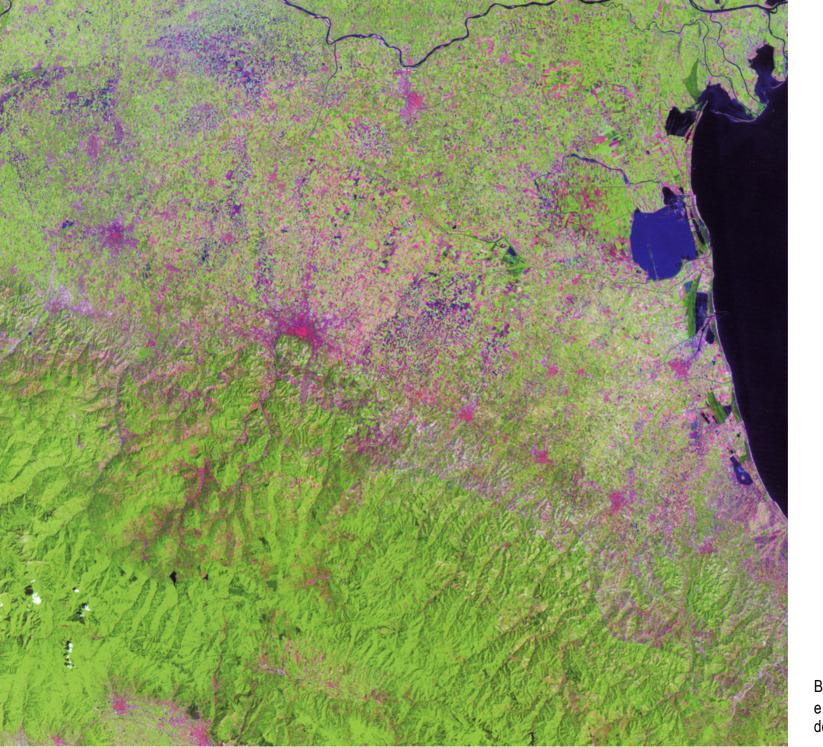


Milano 1960

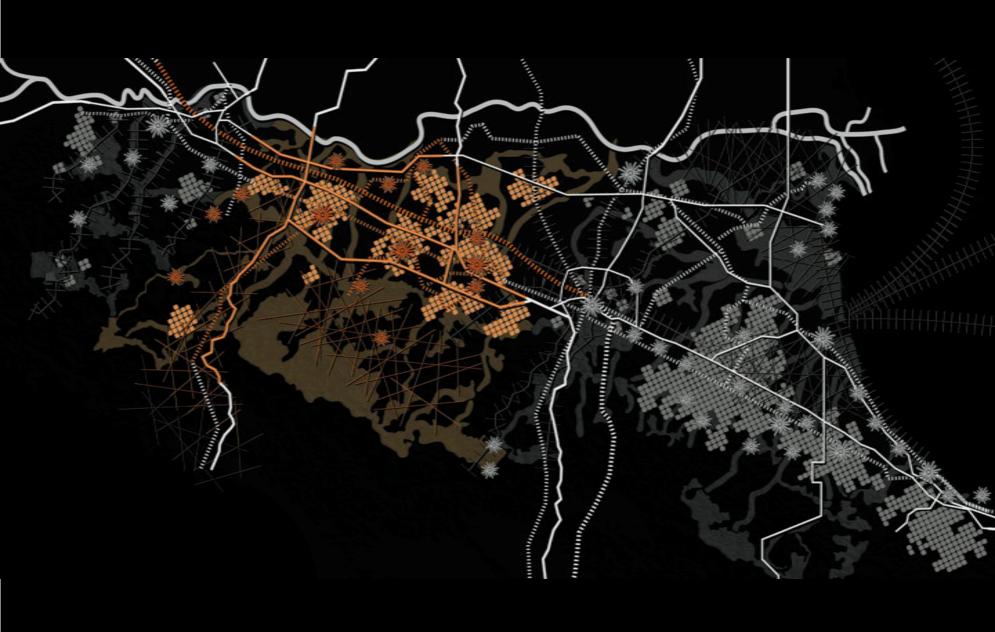
1994







Bologna e le "Città effettive" dell'Emilia Romagna

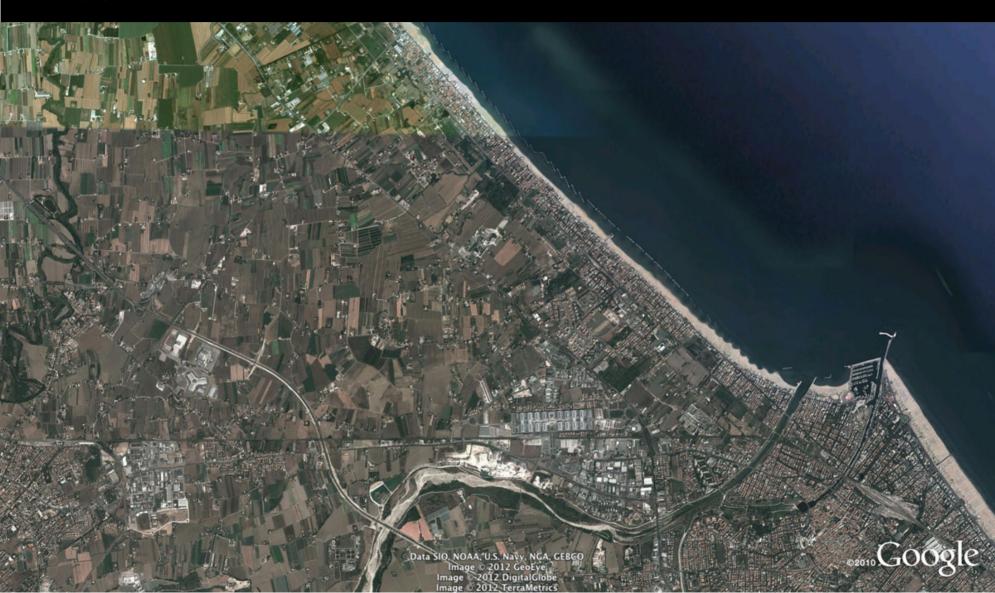




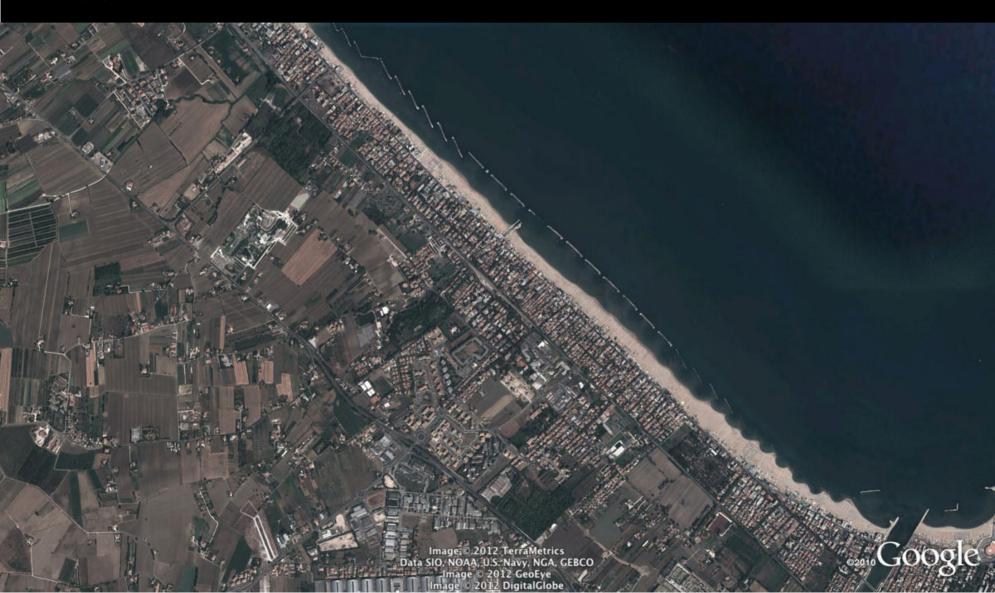
Space features

(urban patterns)

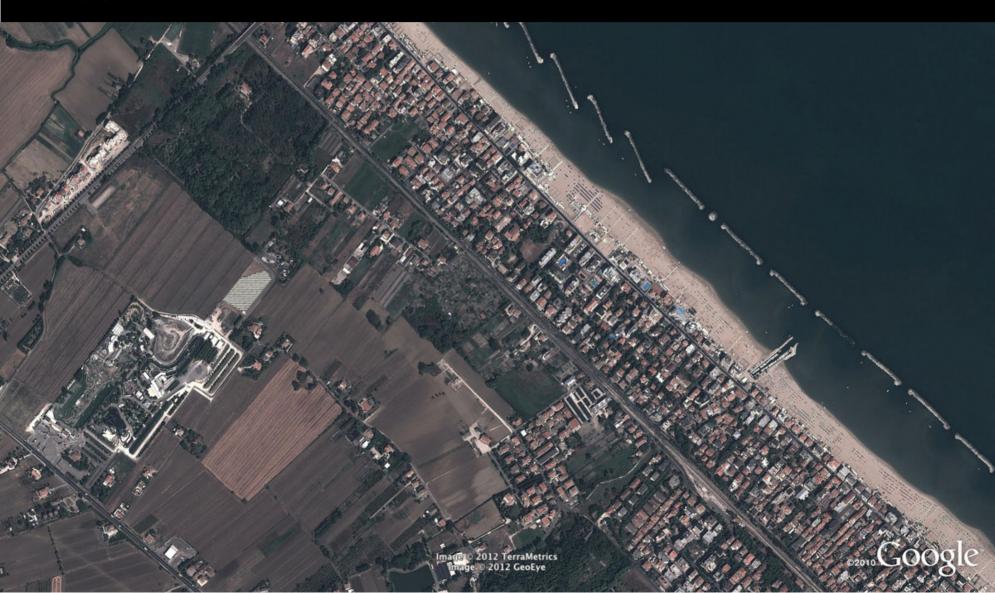
Rimini (IT)



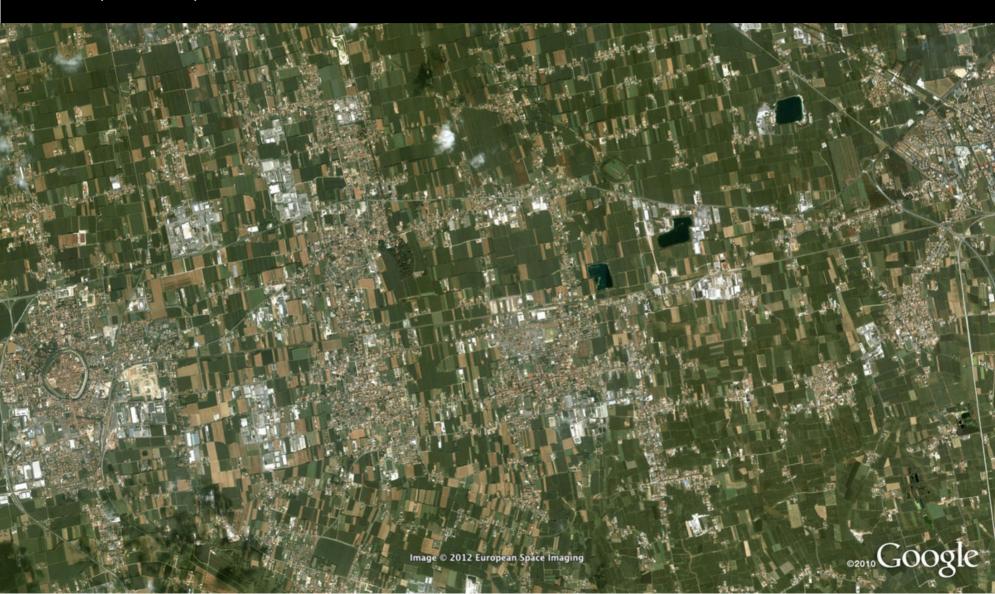
Rimini (IT)



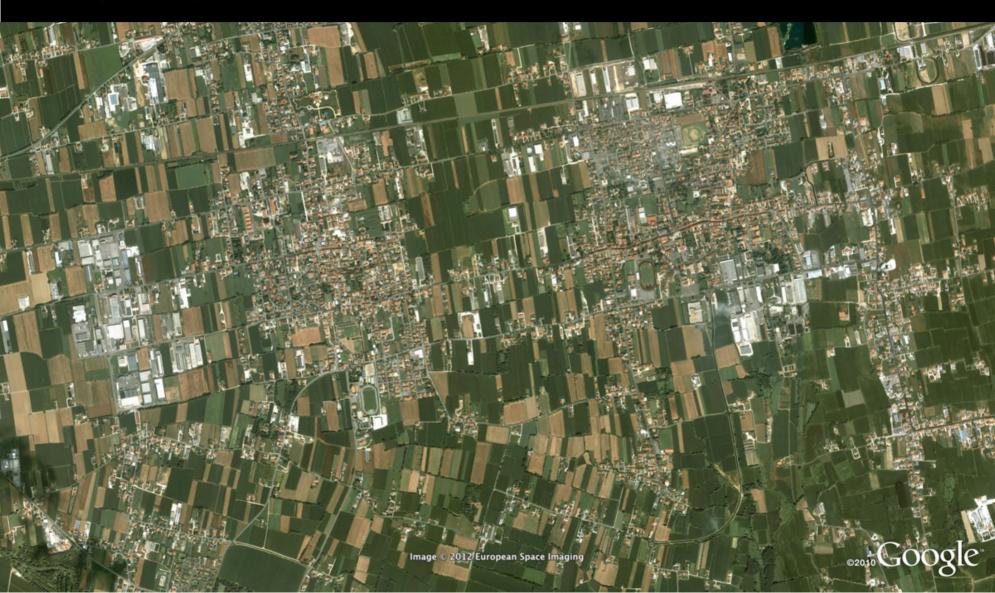
Rimini (IT)



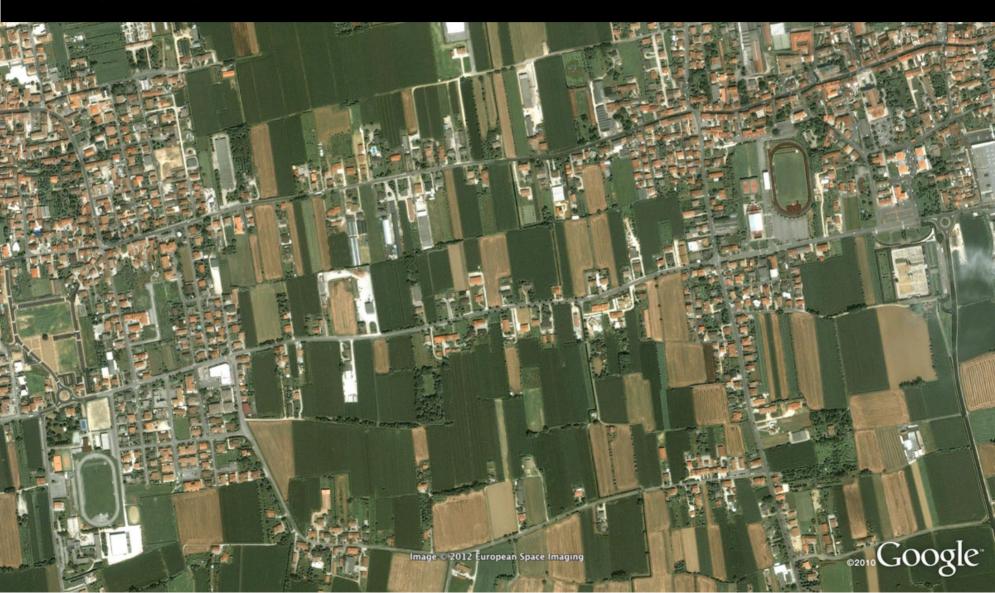
Tombolo (IT-Padua)



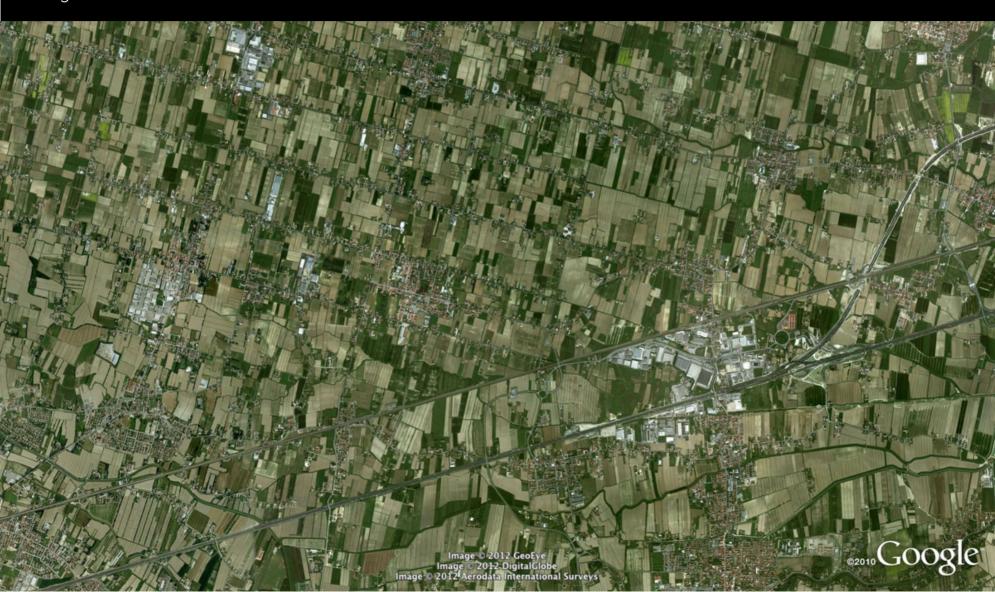
Tombolo (IT-Padua)



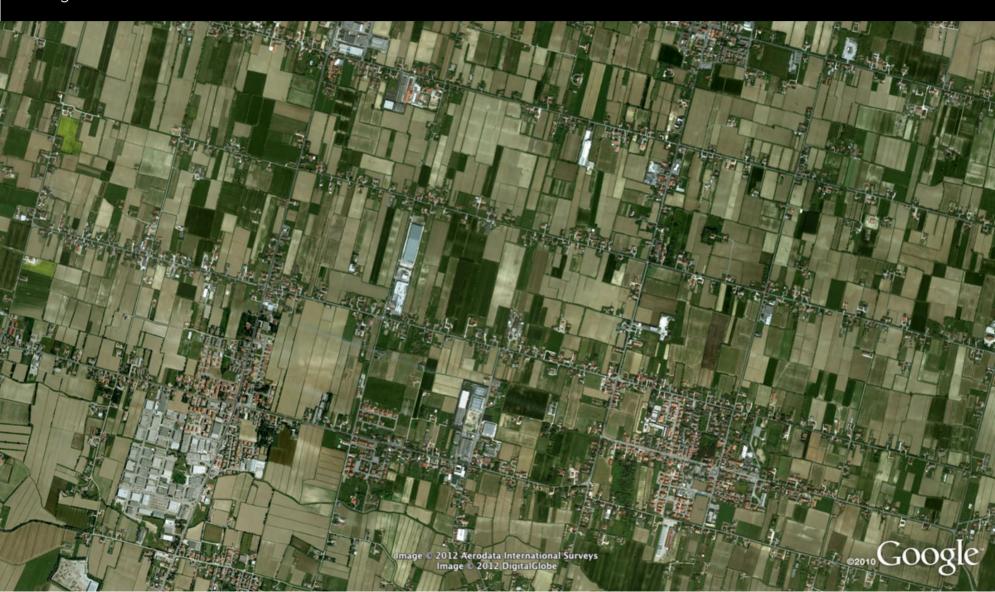
Tombolo (IT-Padua)



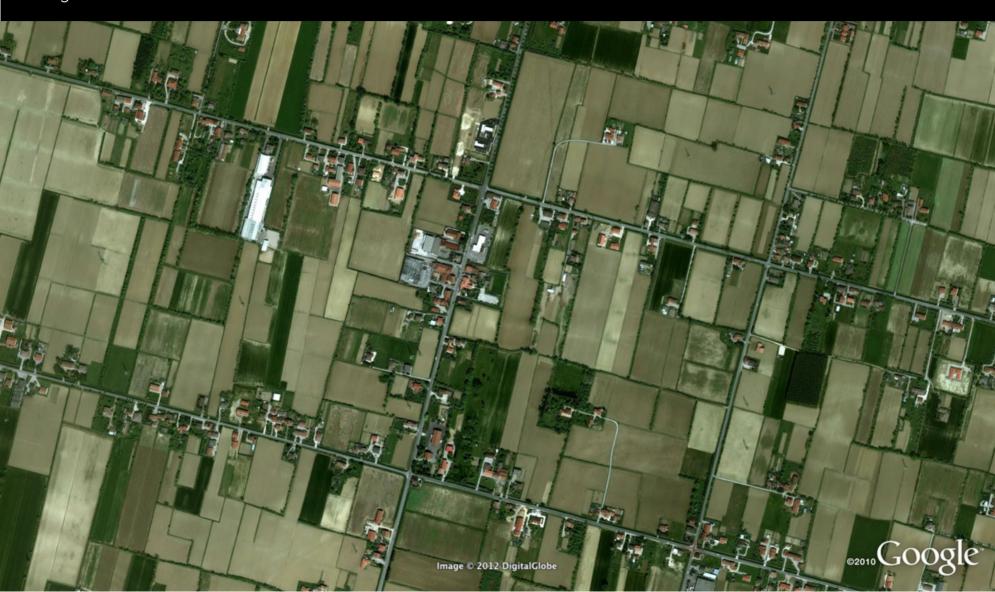
Pianiga (IT-Venice)



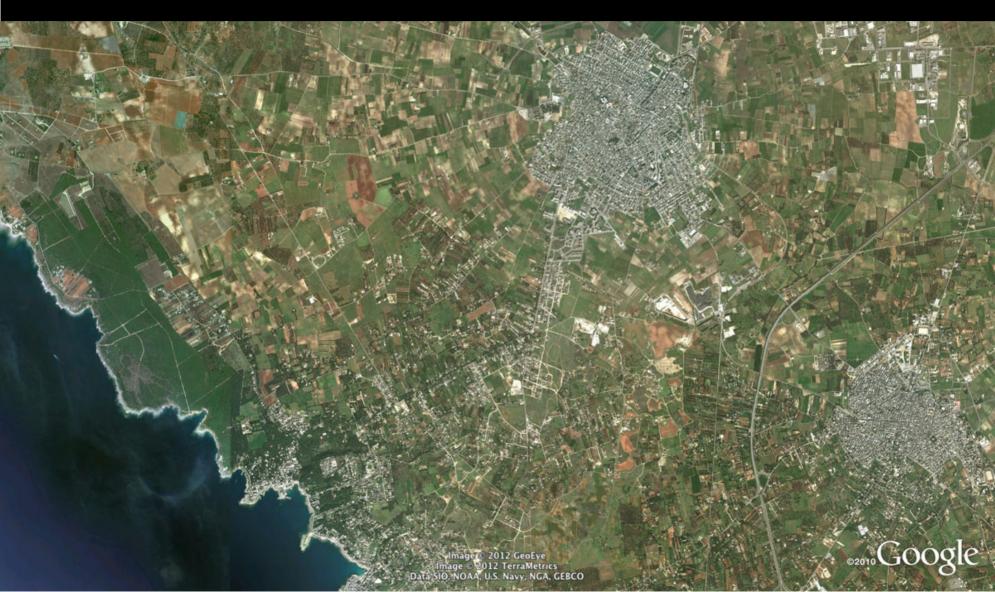
Pianiga (IT-Venice)



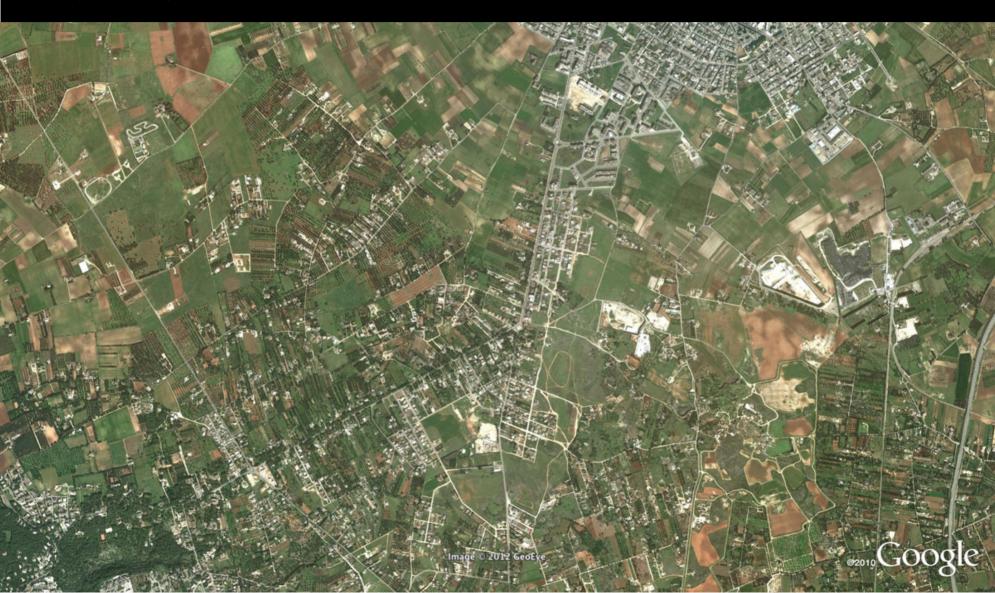
Pianiga (IT-Venice)



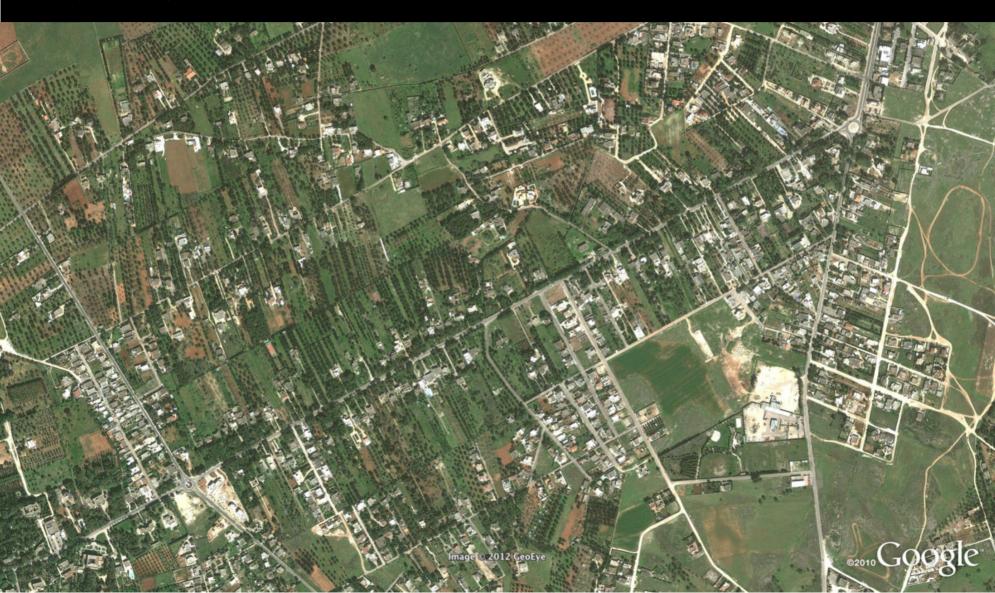
Nardò (IT-Lecce)



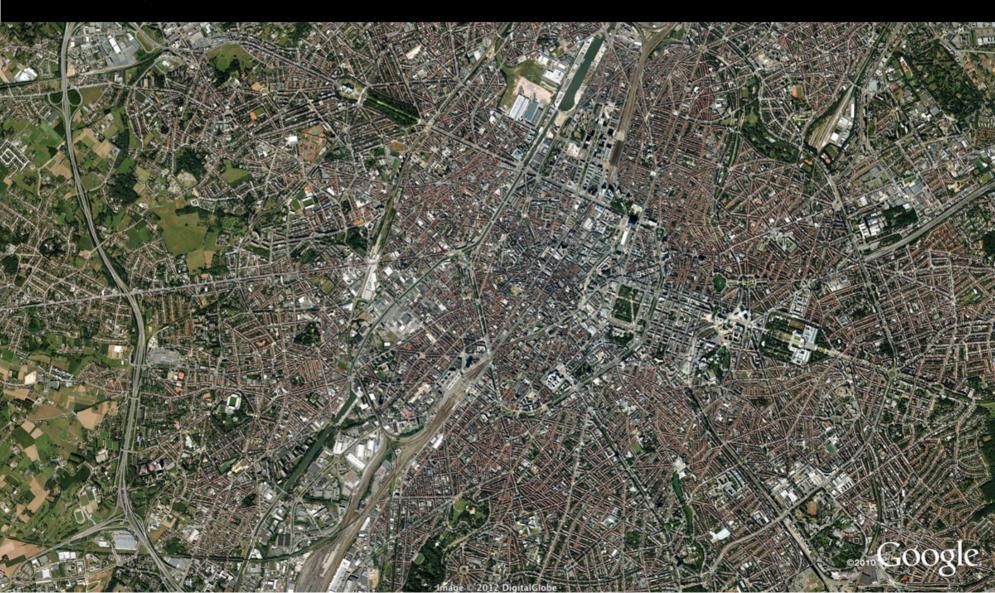
Nardò (IT-Lecce)



Nardò (IT-Lecce)



Bruxelles (BE)



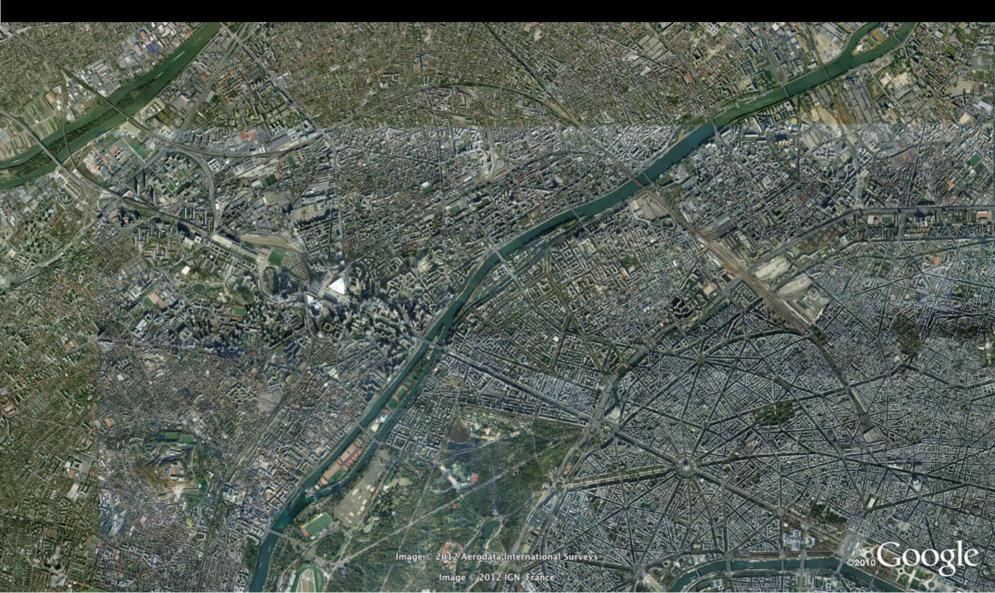
Bruxelles (BE)



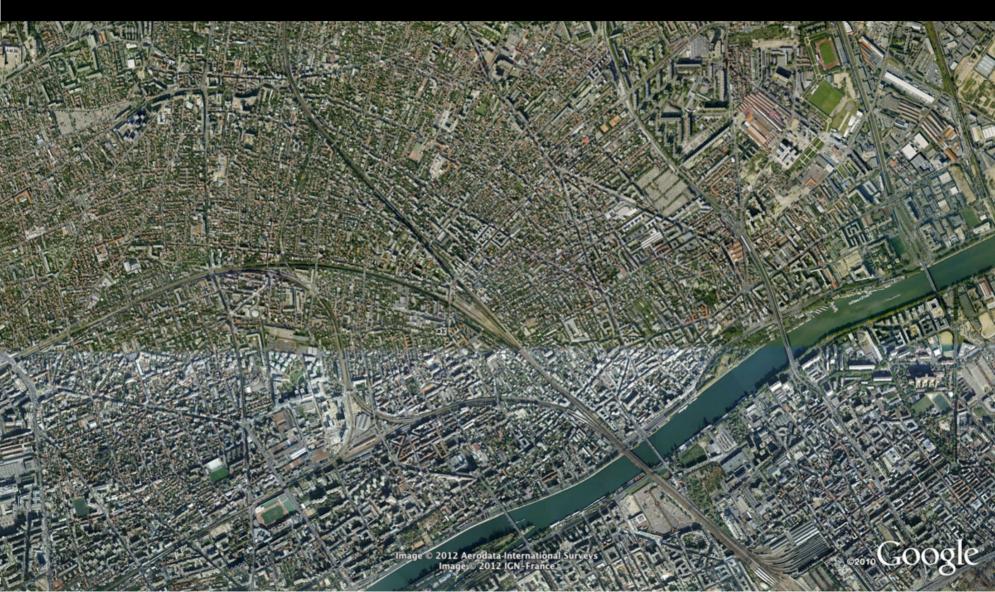
Bruxelles (BE)



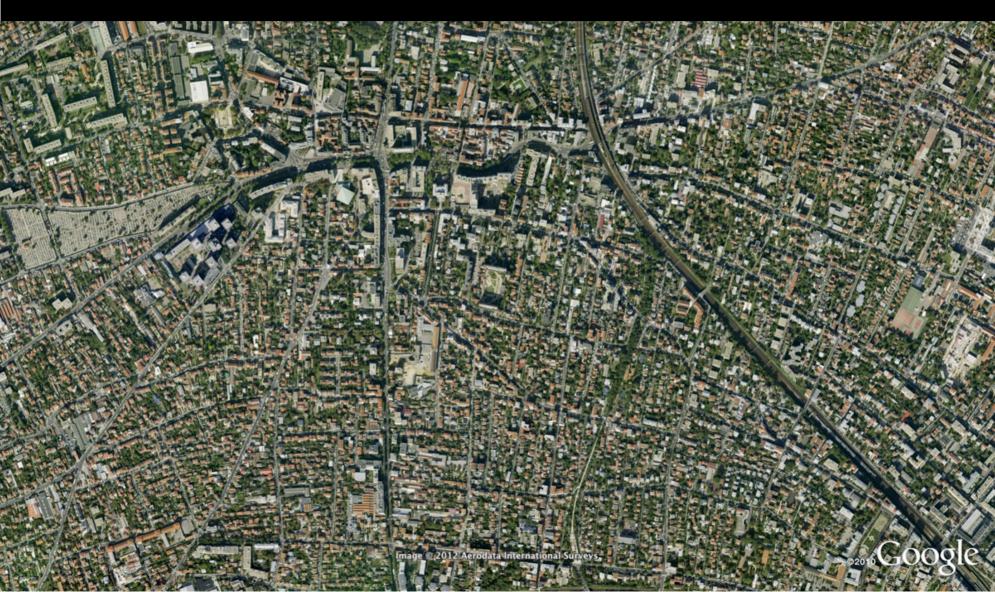
Paris (FR)



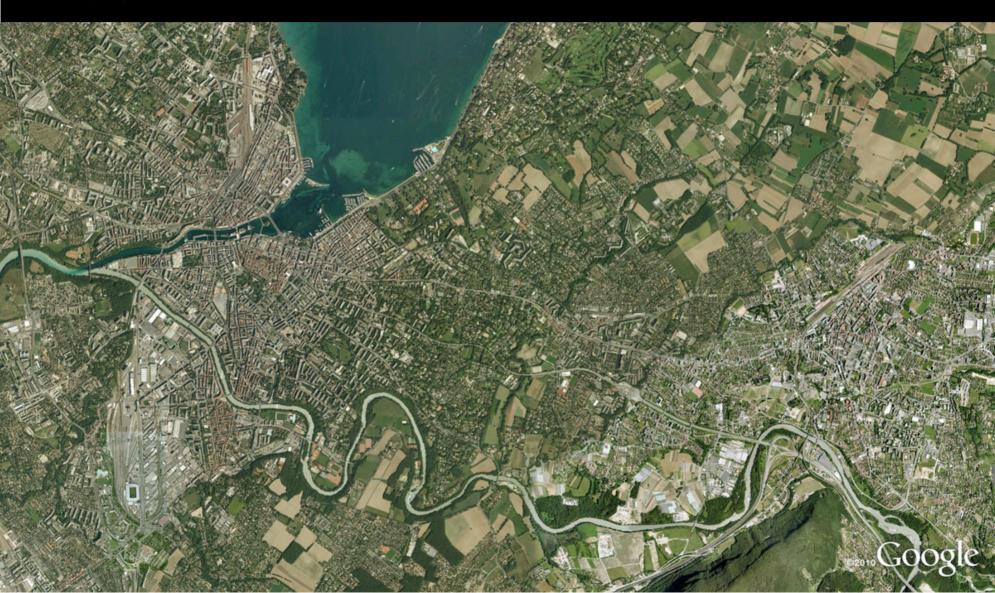
Paris (FR)



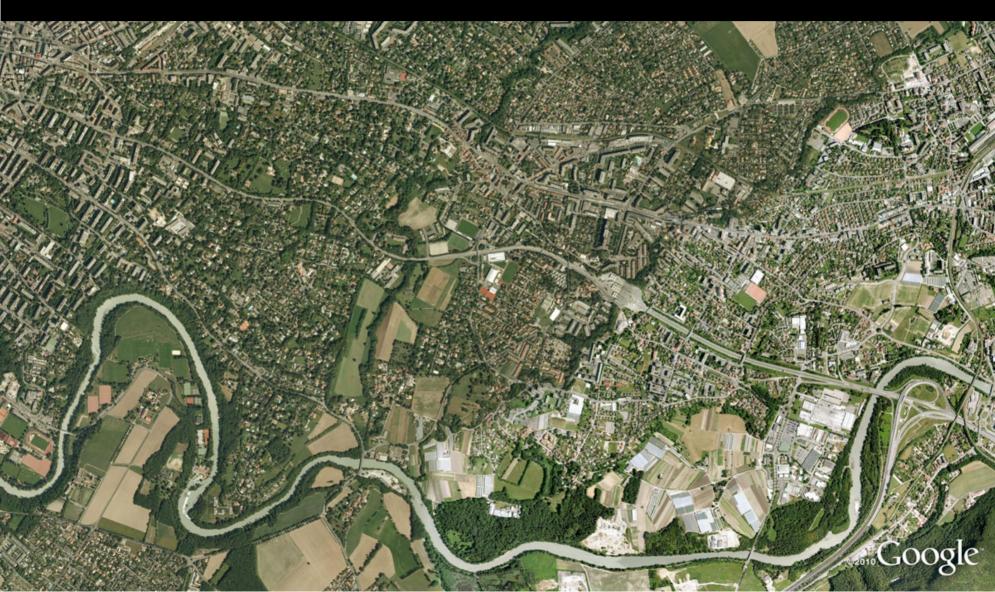
Paris (FR)



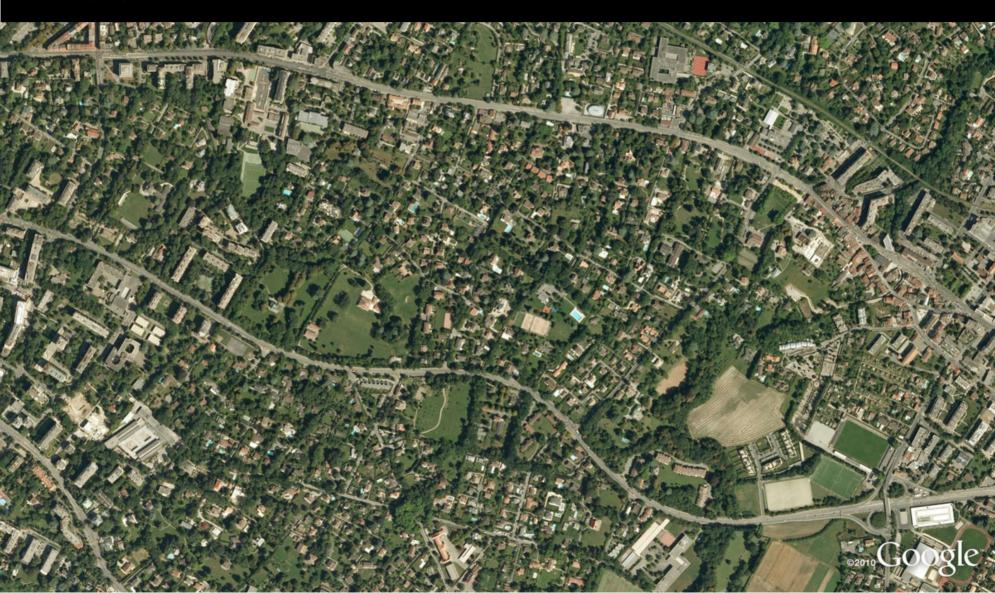
Genève (CH)



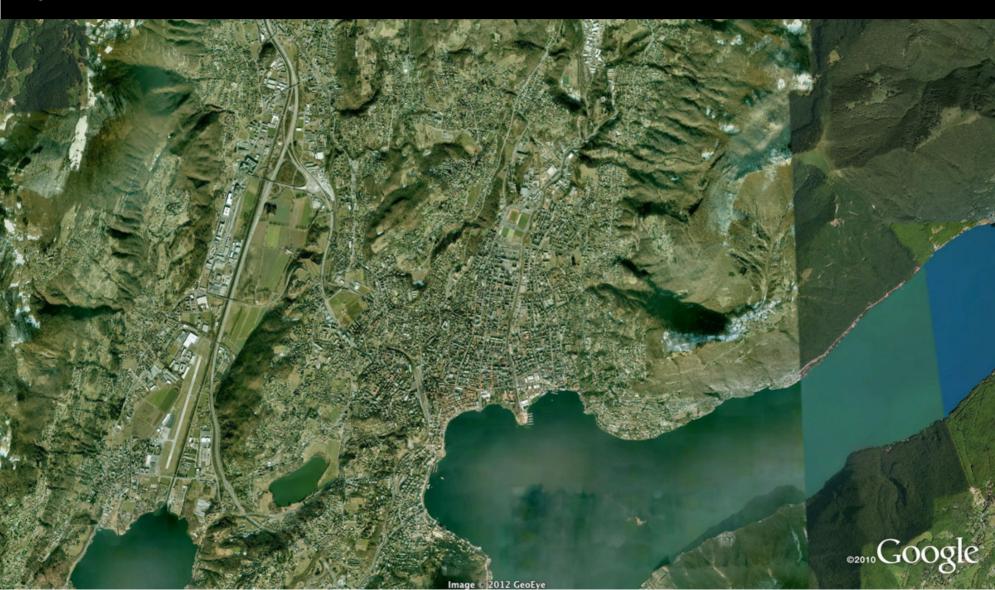
Genève (CH)



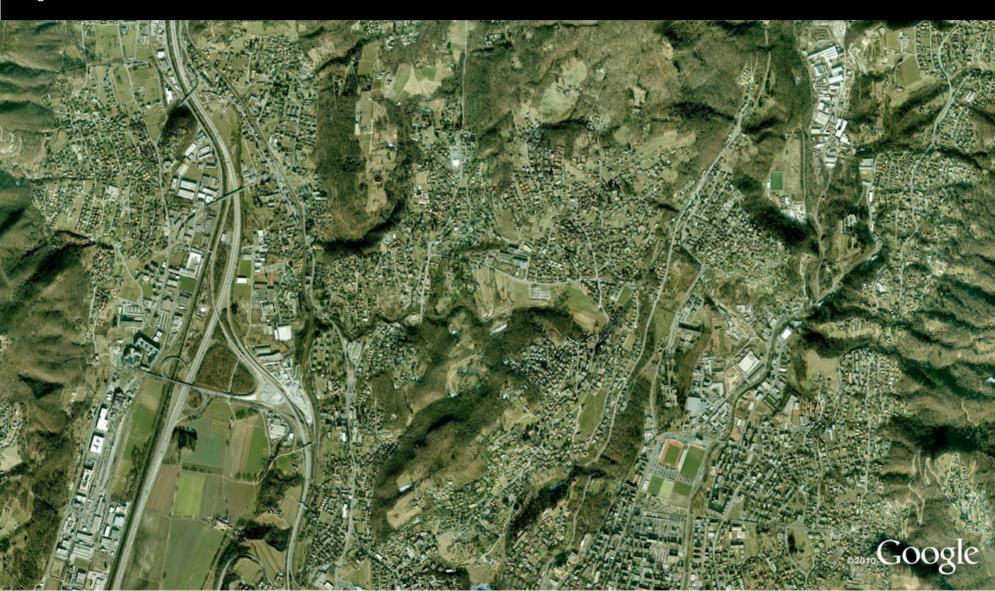
Genève (CH)



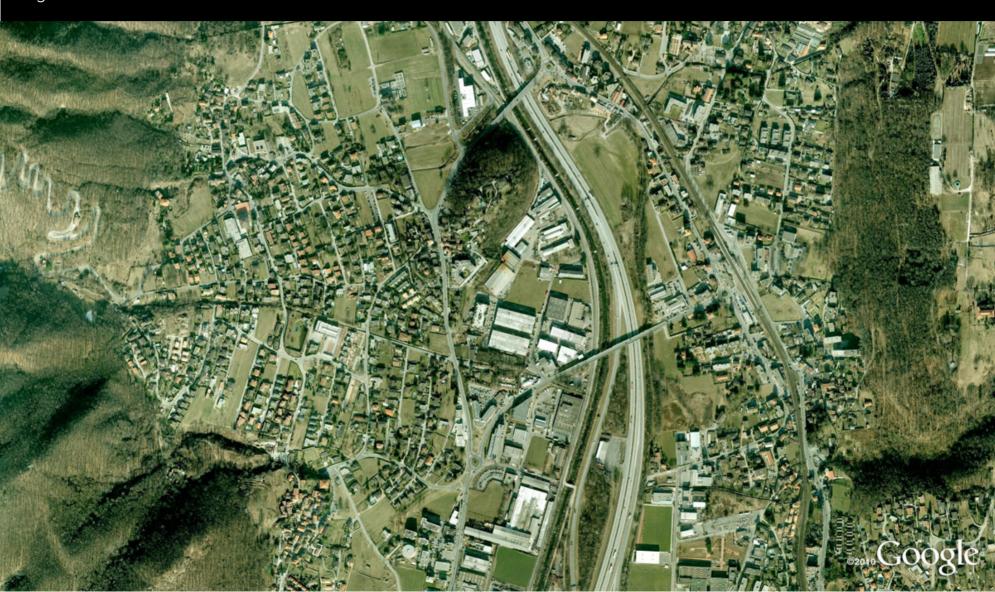
Lugano (CH)

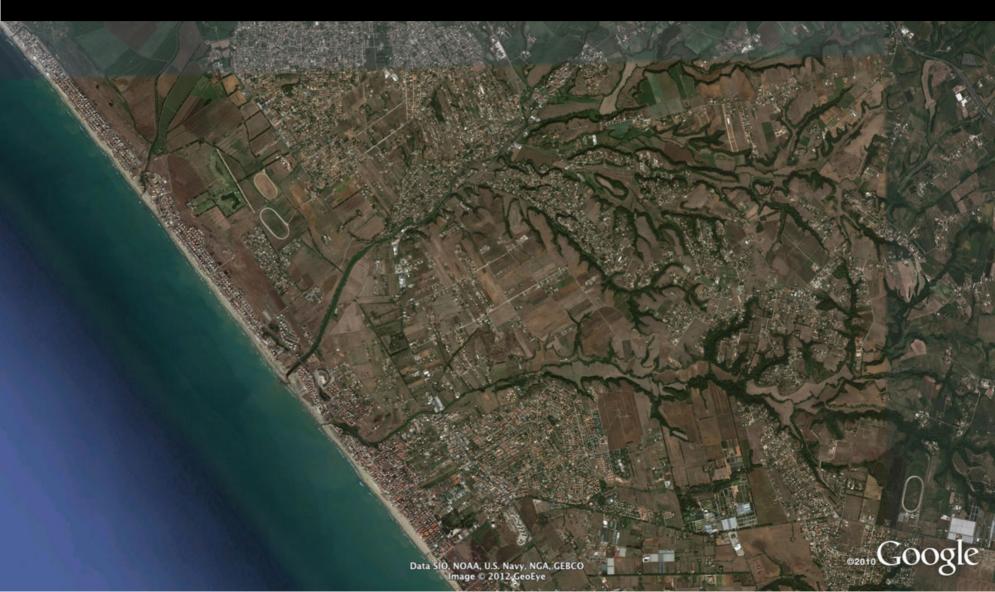


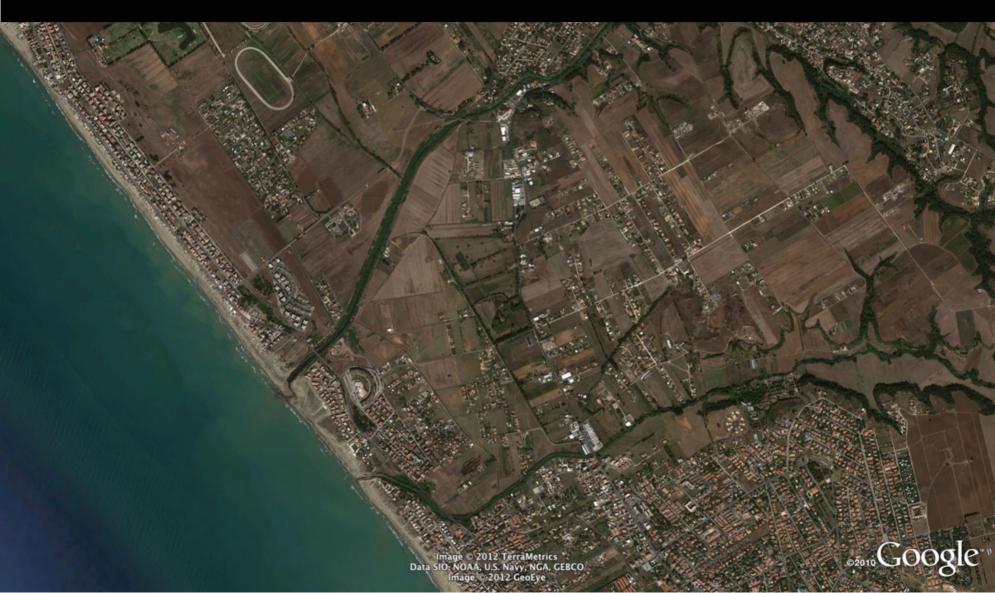
Lugano (CH)

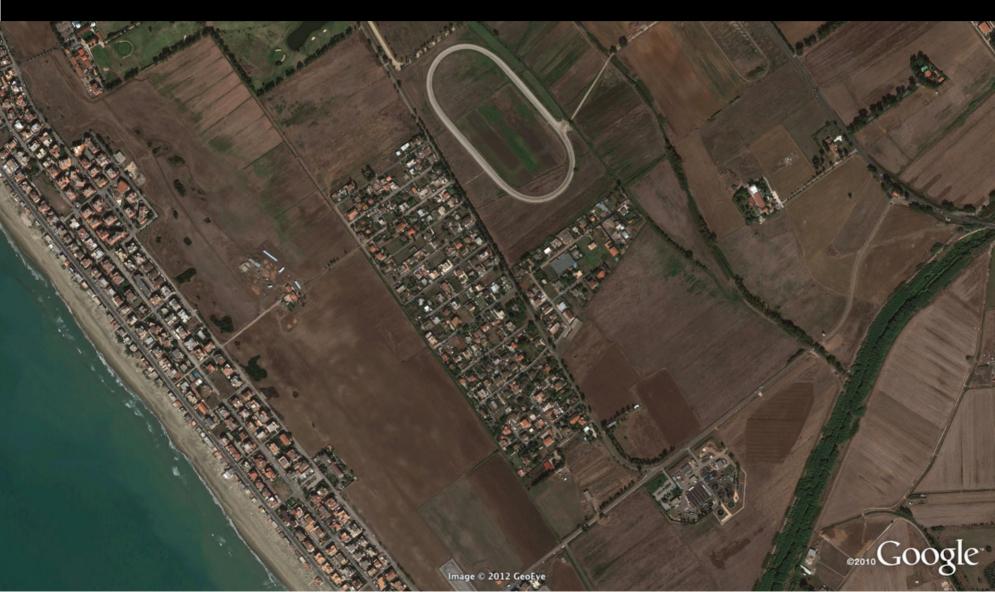


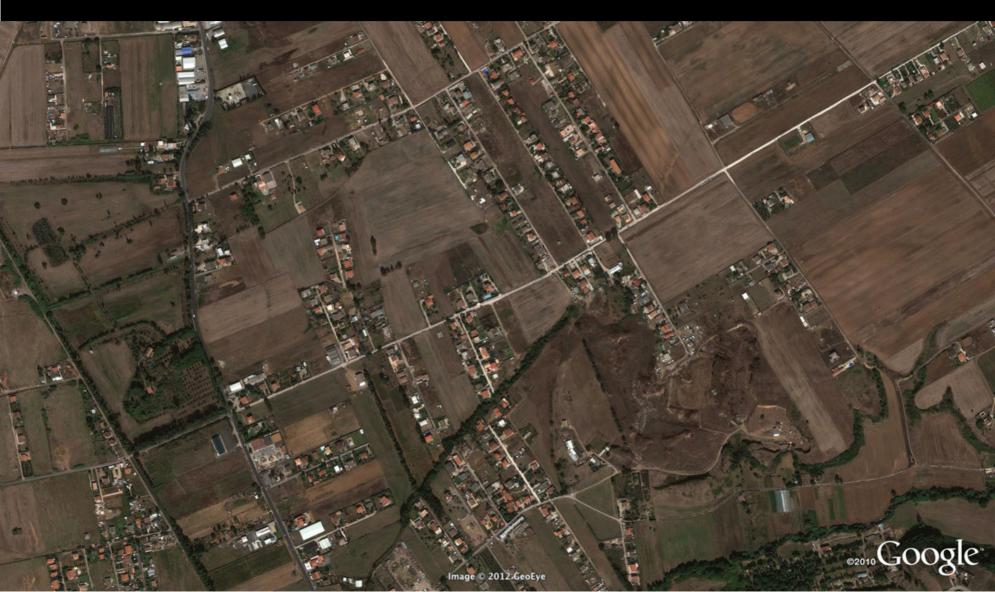
Lugano (CH)











3. Compositional concepts: a technical reading

The compositional problem at the origins of modern European urbanism was the **irrational growth** of cities:

- Unusual **size and growth rate**;
- Displacement and people movement generate a new **demand for infrastructure**;
- **Uneasiness** are mainly caused by congestion, degradation, inadequate facilities.

Different proposals strive for **urban growth management** and for **new city design** .

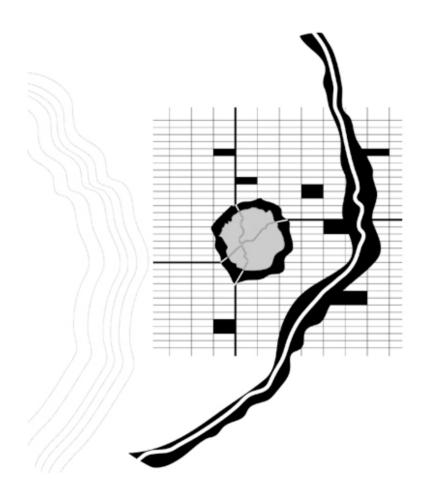
In Europe, and worldwide, **plans**, **projects** and **manifestos** promote the construction of new kinds of town according to some "compositional concepts".

It is possible to sort several proposals referring to six different "compositional concepts".

They are sometimes similar, regarding the **general compositional idea**, but different according to the **technical solutions and measures**:

- The compact city
- The satellite/garden city
- The linear city
- The dense city developed mainly in height
- The extended city
- The functional city

The Compact City



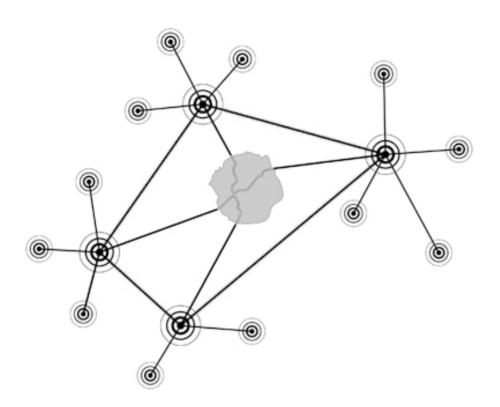
Second phenomena governing the spontaneous growth.

Growth around a pre-existing core.

Settling principle (radial/circular vs. quadrangular) defined by paths and open spaces (contrast of "oil stain" growth).

Ildefonso Cerdà (1854-1859) Barcelona Expansion Plan

The Satellite/Garden City



Reverse the trends of cities spontaneous growth and avoid the "oil stain" growth.

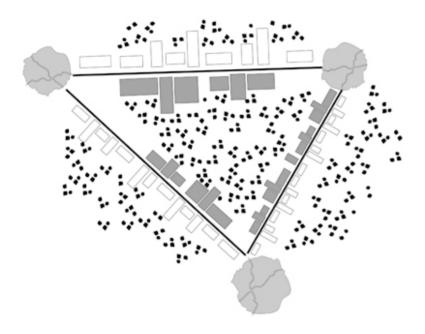
Boundary between town and country: defined size.

Isolated nuclei are separated the ones from the others, they have definite size, they are autonomous, hierarchically organized, connected to the original city by railway.

Ebenezer Howard (1898) Garden Cities of Tomorrow Raymond Unwin (1909) Town Planning in Practice (1904-1920) Letchworth

Patrick Abercrombie (1944) Greater London Plan

The Linear City



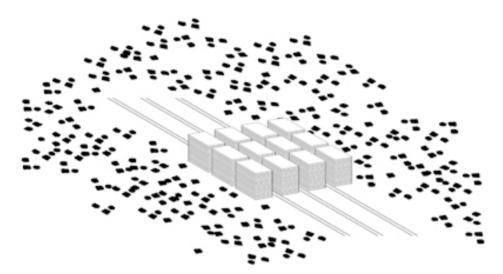
Reverse trends of spontaneous growth of cities and avoid oil stain growth processes.

The boundary between town and country: the growth happens in only one direction.

A street with a complex section links preexisting cities; clear boundary definition between city and countryside and safeguarding of the countryside.

Arturo Soria y Mata (during the Eighties of Nineteenth Century) La Ciudad Lineal Nikolai Alexandrovich Milyutin (1930) Concept for the linear industrial city of Stalingrad Le Corbusier (1942-1943) Les Trois Établissements Humains

The Dense City



This city is mainly developed in height.

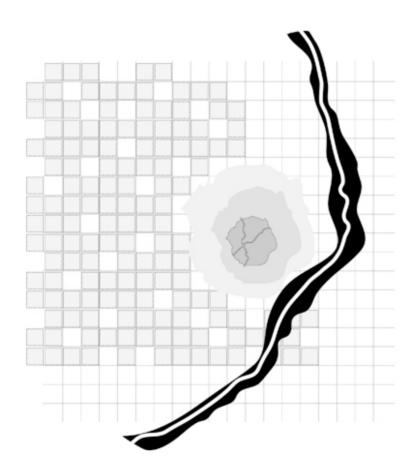
Second phenomena governing spontaneous growth.

Sharp boundary between town and country: containment of land consumption.

High density and vertical functional articulation.

Ludwig Hilberseimer (1927) Großstadt Architektur

The Extended City



Second phenomena governing spontaneous growth.

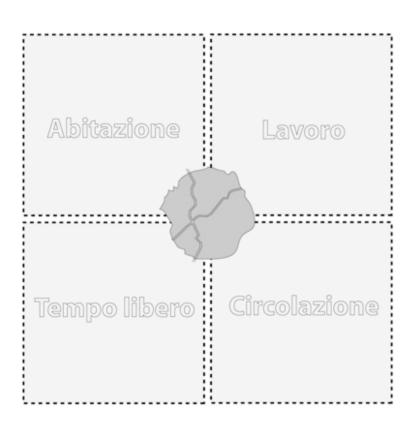
Low building and population density.

Without identified limit, organized on quadrangle street grid.

Doesn't provide a specific order for elements distribution.

Frank Lloyd Wright (1934-1935) Broadacre City

The Functional City



The compositional criteria don't consider the urban form and are the result of an exasperated search of rationality of the settlements.

The city takes shape through the sizing and detection of functionally distinct areas.

Tony Garnier (1901-1917) La Cité Industrielle Le Corbusier (1933) La Ville Radieuse Carta d'Atene (1942) La Charte d'Athènes Cornelius Van Eesteren (1929-1932) L'Algemeen Uitbreidingsplaan di Amsterdam

Some "Great References"

Ensanche of Barcelona (Ildefonso Cerdà, 1854-1859)

Garden City (Ebenezer Howard, 1898)

Greater London Plan (Patrick Abercrombie, 1942-1944)

Ciudad Lineal (Arturo Soria y Mata, 1880 circa)

Cité linéaire industrielle (Le Corbusier, 1942-1943)

Großstadt (Ludwig Hilberseimer, 1927)

Broadacre City (Frank Lloyd Wright, 1934-1935)

Cité Industrielle (Tony Garnier, 1901)

Ville Radieuse (Le Corbusier, 1933)

Amsterdam Algemeen Uitbreidingsplaan (Cor Van Eesteren, 1929-1932)

Charte d'Athènes (Le Corbusier, 1942)

Some proposals accept and **follow spontaneous phenomena** and propose some rules (generally referred to lot subdivision, settling principles, building density) to manage the growth.

The compact city (Ildefonso Cerdà)

Growth surrounding the pre-existing core.

Settling principle (quadrangular vs. circular) is defined by ways and open spaces.

The city developed in height (Ludwig Hilberseimer)

High density. Vertical functional articulation.

The extended city (Frank Lloyd Wright)

Low building and population density, a town without an identified limit, organized mainly by a quadrangular street network, does not provide a specific order for elements distribution (flexibility of a squared grid).

Other proposals seek to **invert trends of spontaneous growth** of cities avoiding an undifferentiate growth (like "oil stain") and to do that those proposals localize and manage growth in different ways.

The satellite/garden city (Ebenezer Howard, Raymond Unwin, Patrick Abercrombie)

The boundary between town and country and the defined size. Isolated urban cores, separated, with defined dimensions, tend to self-organize but they are connected with the original city by rail.

The linear city (Arturo Soria y Mata, Nikolai Alexandrovich Milyutin, Le Corbusier)

The boundary between town and country: the growth happens only in one dimension.

A complex axis structures and links new towns with pre-existing cities, clear boundaries definition and safeguarding of it.

Other proposals seek to **rationalize urban growth processes** planning urban **size** and **functions**.

The functional city (Tony Garnier, Le Corbusier, the Athens Charter, Cornelius Van Eesteren)

The main compositional criteria is the organization of functions, the city takes shape through sizing and functional definition of distinct areas.

To consider the technical aspects of different projects it is necessary to assume an appropriate point of view, mainly referring to some **technical issues**.

The main aim is:

- to identify **sets of rules** (used in different cases) and kind of guidelines;
- to realize a **comparison** and to gain some **achievements** examining key aspects (dense/sparse, extended/concentrated, high/low... in respect to planning parameters and ratios).

Focussing a set of rules

They are mainly referred to:

- The **compositional idea** (general structure; relationships with the great natural elements; orientation; shape of the communication network; articulation and relationships between different parts of the city; kind of relationship between built and open spaces; prevailing intended use);
- The intensity of land use and population densities (quantitative aspects and dimensions);
- The **shapes**, **sizes and characteristic materials** (considering different kind of ways; the partition of land into blocks and plots; the type and articulation of open and built spaces).

4. References

The Garden City

Raymond Unwin, Letchworth (1904-1920) Raymond Unwin, London Hampstead district Louis de Soissons, Welwyn (1920-1926)

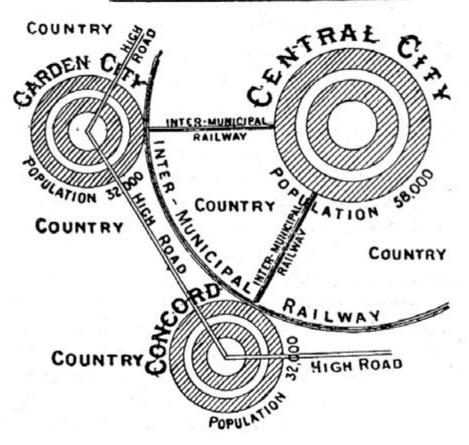
Ebenezer Howard
Diagram of Garden City
1898

The problems of congestion within historic city.

The goals: reducing congestion into cities, programme the expansion, decentralization of population.

Nº 5. — Diacram —

OF A CITY'S GROWTH - OPEN COUNTRY
EVER NEAR AT HAND, AND RAPID
COMMUNICATION BETWEEN OFF-SHOOTS.



COUNTRY

Compositional Idea

The system consists of **regional satellite towns** separated and connected one with each other and with the original/main city (to avoid soldering).

Compositional Idea

The structure of the city is **radial**: equipment and public spaces are placed in the **centre**, around them the residential parts, industries are along the railroad.

The **settlement extends** for 2.400 ha: 2.000 ha for agricultural activities, 400 ha are occupied for the urban core.

The **demographic dimension** is 32.000 inhabitants.

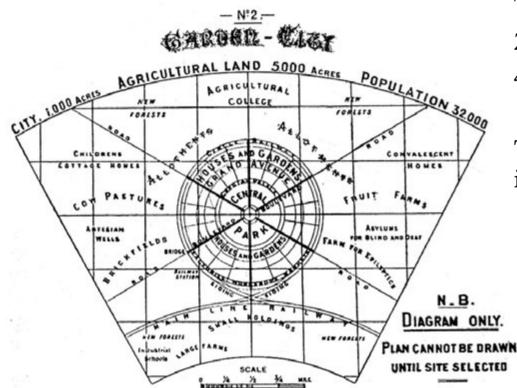


Diagramma - Il progetto non è disegnabile sinché non sia stata scelta l'area.

Compositional Idea

The scheme identifies **circular crowns** portions of variable size and produces a partition of urban land into 108 blocks, divided into 5.500 lots.

The **main elements** that organize the settlement are: the railway (within the territory); different kind of way (within the town); the green belt (outside the city).

The services and urban facilities are located in the city centre (urban level facilities) and along the MainAvenue (local facilities).

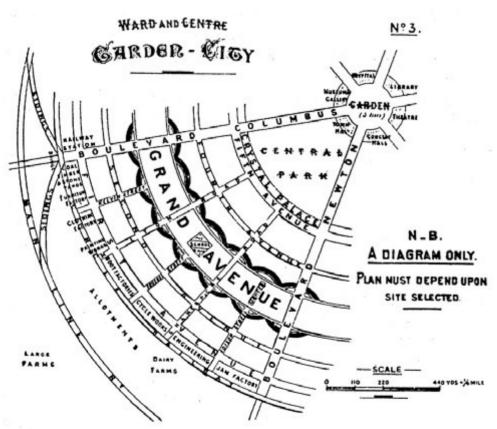


Diagramma - Il progetto è funzione dell'area prescelta.

Letchworth Garden City















The Greater London Plan

Patrick Abercrombie General Municipal Urban Plan 1942-1944

The problems: the large growth of population within the Greater London area (8.7 million inhabitants in 1939).

The goals: to manage the process of spontaneous growth of the city along the main star-shaped area by a strong infrastructural system.

To stop the spontaneous processes of residential development in the central area, residence and industry decentralizing and dedensification.

Identify areas of planned growth (far and connected to the mother city) in order to control territorial physical organization and soil values.

1840 ISSO ISSO

Compositional Idea

The proposal **favours and governs the spontaneous growth** of urbanization processes (that happens in a seamless way around the core).

The proposal organizes a territorial system of "Satellite New Towns" around London to be implemented far from the urban core. Furthermore it identifies four "areas" with specific targets set in the form of concentric rings.

SPRAWL: Six diagrams of the central part of the region, showing how London's built-up area has grown since 184

GREATER LONDON PLAN THE FOUR RINGS GREEN BELT BING • HERTFORD CHESHAM . · BRENTWOOD CUILDFORD 6

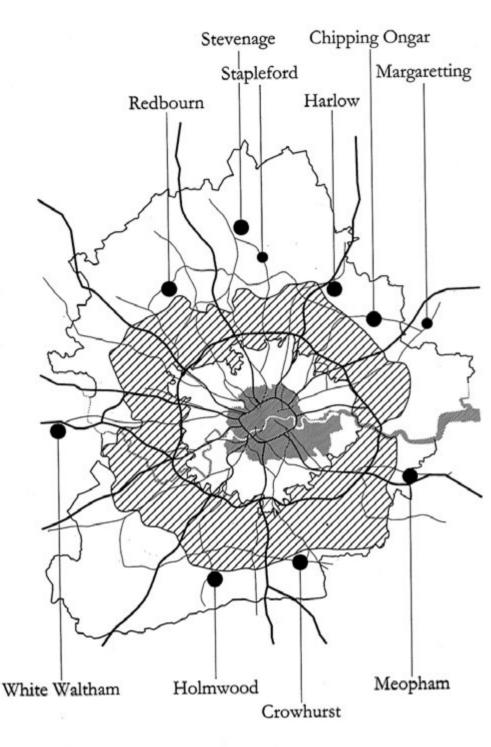
Compositional Idea

The **internal core** includes the innerurban high-density areas around the County of London; here houses and offices prevails and it is ruled out the presence of productive activities.

A **sub-urban ring** is devoted for the consolidation of residential and industrial settlements through completions.

A **green belt** is intended for leisure time activities only, without agricultural uses and farming.

Beyond that, a larger ring is for agriculture and **10 new satellite city** (each one for approximately 60.000 inhabitants).

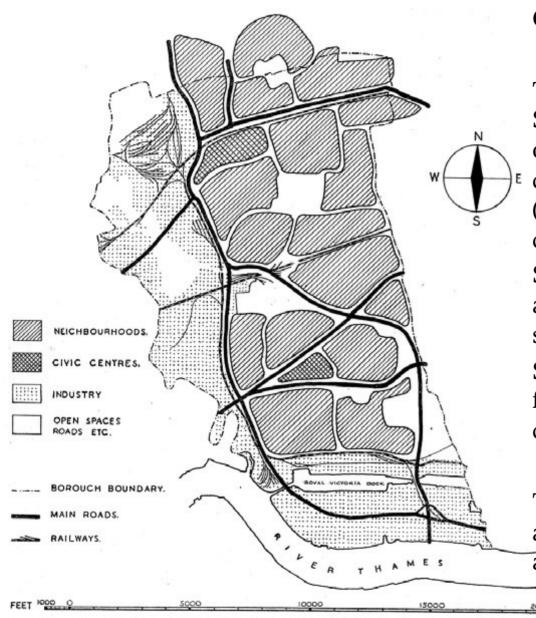


Compositional Idea

The whole plan is designed for a total of about **600.000 inhabitants** (10 cities established in the Satellite Towns), and the amount of completions in the suburban area.

In the allotment scheme of New Towns Abercrombie organizes the settlement according to the "neighbourhood unit" scheme (see Clarence Perry theory): so they are arranged around a civic centre and connected to an industrial area.

The **main elements** of the territorial organization are the railway and street network.



Compositional Idea

The **equipment and services** in New Satellite Towns are located in the centre of the neighbourhood unit and collaborate in shaping the civic centre (the settlement is organized around this centre).

Schools and pre-existing structures are arranged freely within large green spaces.

Sport and leisure facilities can also be found outside the Town in the countryside.

The "neighbourhood units" are arranged around the main town centre and the core of the city.

WEST HAM

DIAGRAM OF PROPOSED NEIGHBOURHOOD STRUCTURE

Harlow New Town















The Linear City 1

Ciudad Lineal

Achievements: 5,2 km long district on the eastern outskirts of Madrid.

Arturo Soria y Mata

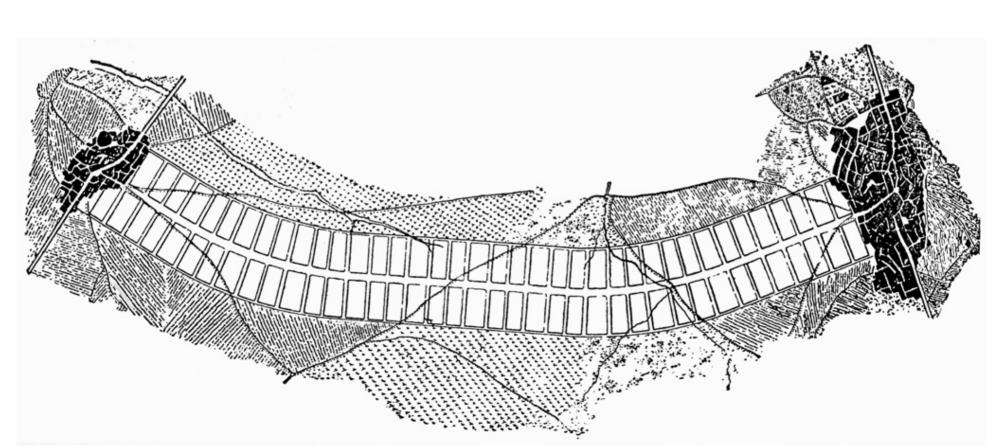
Movement for the "Linear City" and conceptual scheme.

Project developed since the Eighties of Nineteenth Century.

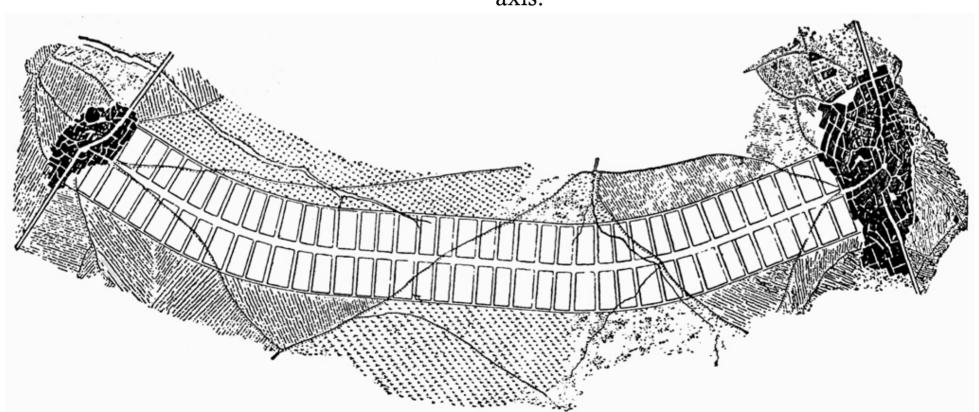
The problem: the unhealthy city (to adapt infrastructure and to improve hygienic conditions of the city).

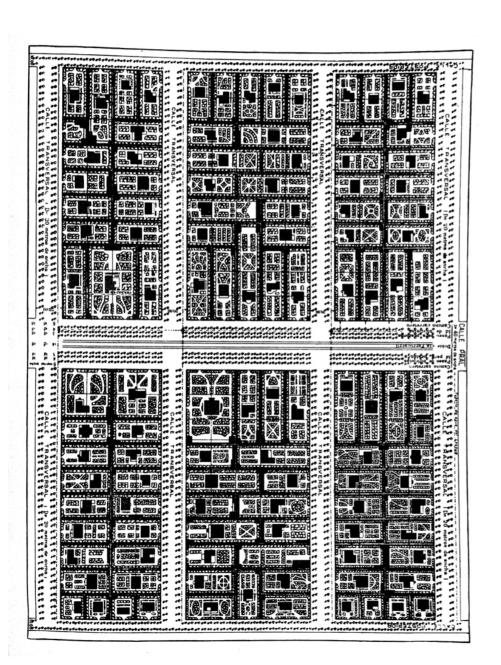
The goals: to modernize city, overcoming high density settlement pattern (building low density new settlements in the territory with adequate infrastructures) and spreading housing ownership.

Within the territory, the settlement lay out linearly, reaching existing urban centres and creating extended triangulations.



At the **urban scale**, the city is organized around a complex infrastructural axis, on both sides of which are blocks of constant depth are symmetrically arranged and separated by perpendicular streets that directly insert themselves on the central axis.





The **division into lots** organizes a linear sequence of blocks with a regular and recurrent size (80-100x200 mt): all the blocks are arranged in two parallel rows on both sides of central axis.

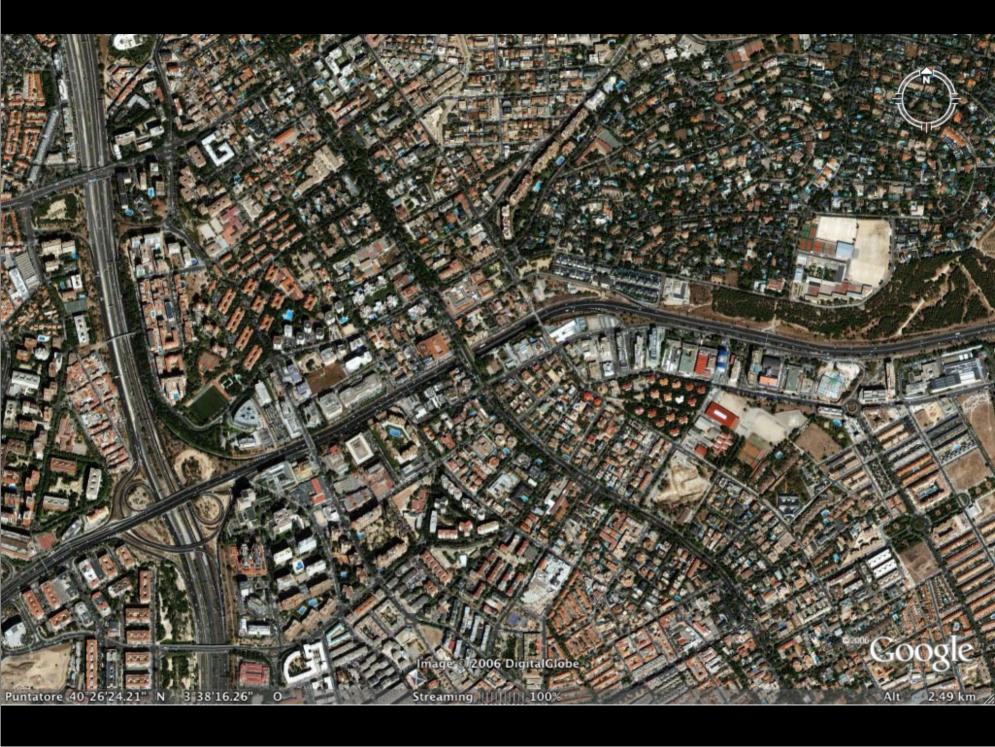
The residential block is the main element of the composition: the block repeats itself in an undifferentiated way, without specifying a particular organization of urban parts.

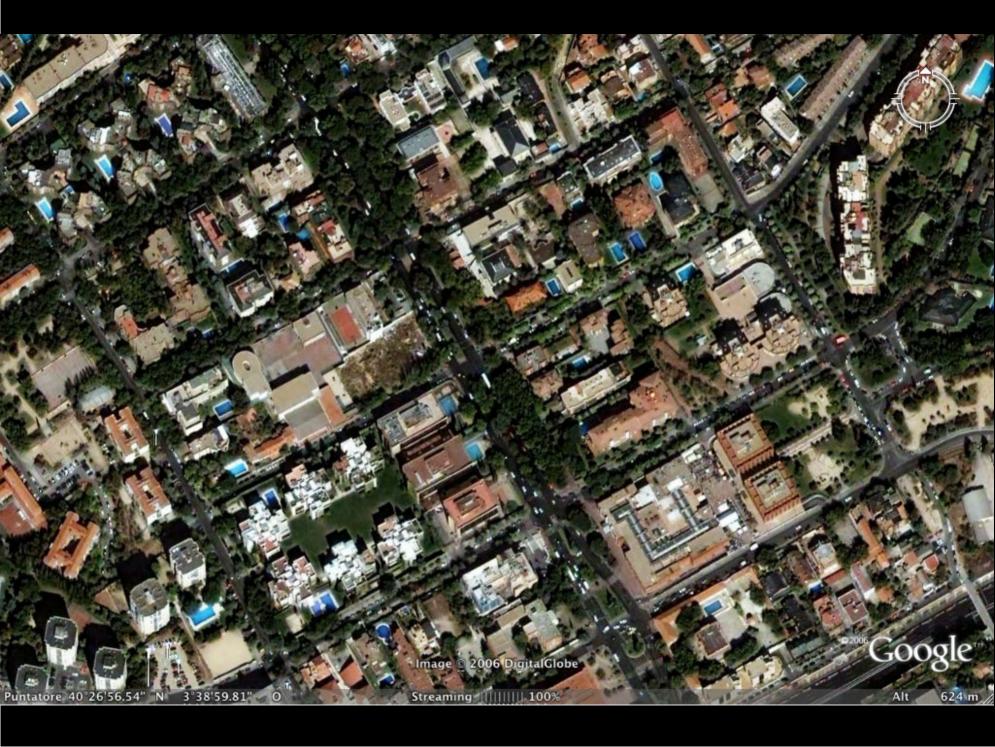
Facilities and **public services** would be located along the central axis, or possibly in the middle of blocks.

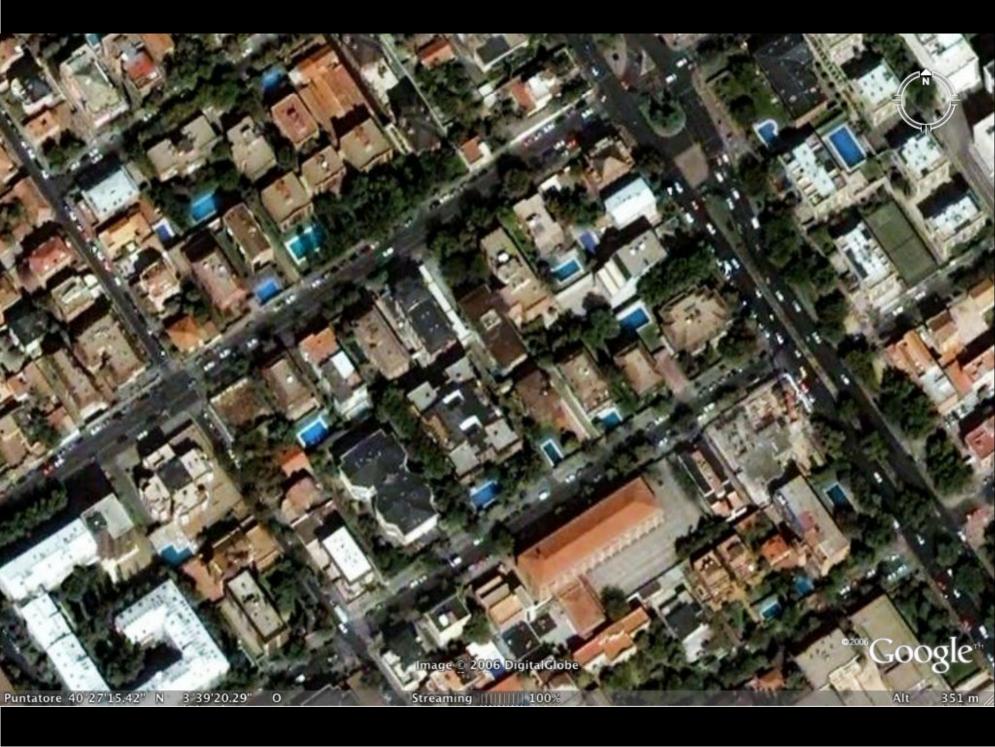
Madrid La Ciudad Lineal













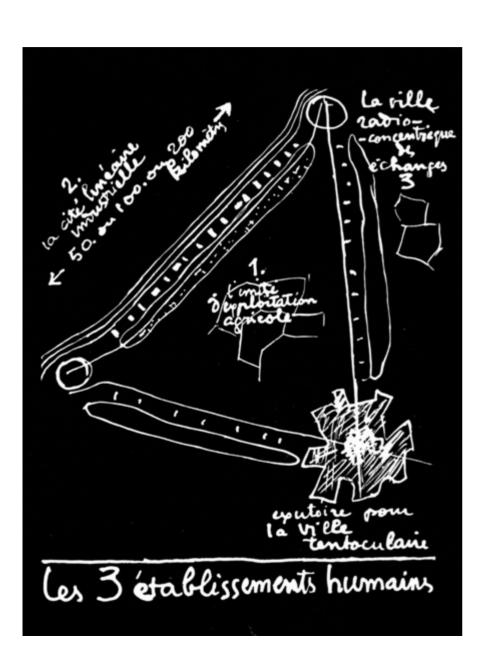
The Linear City 2

Cité linéare industrielle

Le Corbusier Manifesto Proposal "Les Trois Établissements Humains" 1942-1943

The main problem is the modernization of the ancient and inefficient city (sanitizing and building of infrastructures).

The objectives: overcome traditional settlement pattern characterized by congested and high levels of soil consumption; rationalize and mechanize the city.

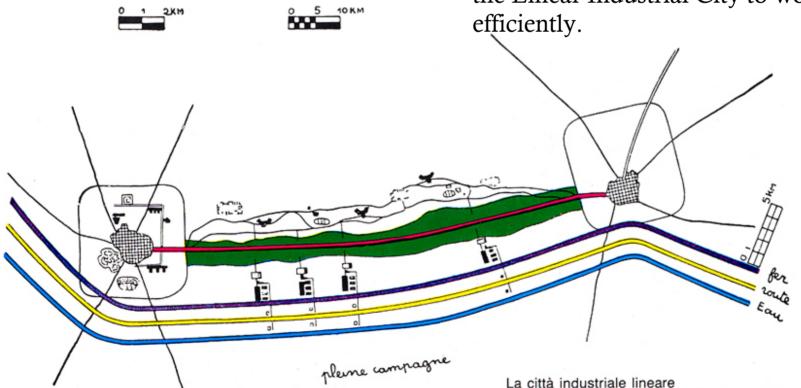


The general plan for the Linear Industrial City is a part of the vaster program concerning **three kind of human settlement** (Les Trois Établissements Humains):

- Radial-Concentric Traditional Cities,
- Agricultural Units for Production
- Linear Industrial City.

These generate an extensive network of broad territorial triangulations.

The main territorial element is the highway (designed as a parkway) that separates industrial structures from residential settlement and services ("the apartment and its extensions") and allows the Linear Industrial City to work



Per consentire una rappresentazione sintetica sono state riportate, a tre scale differenti, la città industriale, la città radio-concentrica, il dispositivo delle tre vie.

由 Autostrada L'alloggio insediamenti e i suoi transito delle industriali prolungamenti merci (mercato raggiungibile a piedi)

Compositional Idea

Main **equipment and services** are concentrated into traditional cities, while local equipment and services are distributed within the residential side of the Linear Industrial City.

The **layout** of the Linear Industrial City erases the original subdivision of soil into lots (according to the historical property structure) and put forward the idea of a general acquisition policy for public uses.

The overall **demographical dimension** cannot be defined a priori according to the variable length of linear settlement.

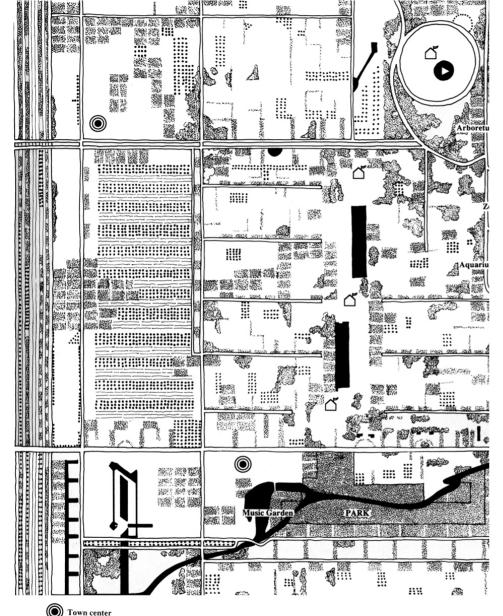
The extended city

Broadacre City

Frank Lloyd Wright Manifesto for a "city of wide spaces" that lay out within territory. 1934-1935 (School of Taliesin).

The problems is the organization of a new relationship between town and country.

The goal is to build a wide, edgeless city planning new settlements adequate for urban and rural lifestyles (after the crisis of 1929 returning to the land is a priority).



受ける。 Woodlots and hedgerows

Vineyard

Compositional Idea

The **general layout** is organized on the extension (with an orthogonal grid) of a linear settlement pattern arranged around a large multi-lane road.

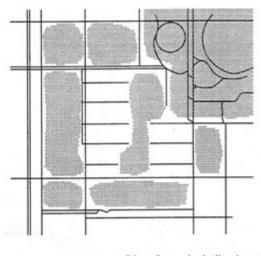
The proposal is based on widespread individual mobility.

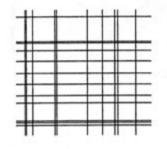
The orthogonal grid defines a principle of order suitable to adapt according to the topography of soil.

Residential, industrial and urban facilities are arranged freely within the grid.

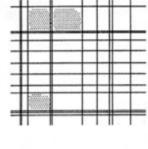
48. Broadacre City: schema interpretativo del rapporto tra i tracciati e gli spazi verdi.

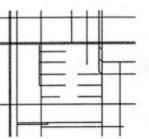
Le maglie gerarchizzate della rete stradale definiscono tre tipi di spazio aperto: a) quello che viene ricavato entro l'isolato; b) quello che si attesta sulle strade o le interrompe; c) quello che ingloba le strade ridisegnandole.



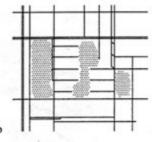


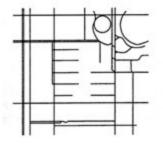




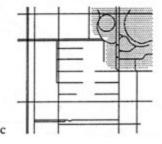












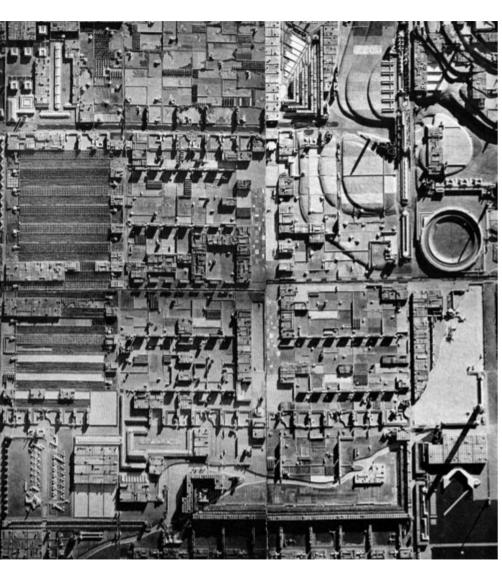
Compositional Idea

The **design of lot** provides an orthogonal subdivision and identifies large rectangular lots within blocks.

The **street grid** subdivide territory into large partitions.

The **organization of parts** is not defined a priori. The mixed lot is the basic functional units. Peculiar buildings serve as landmarks within territory.

Main facilities and services are concentrated in some few exceptional blocks, or are mixed with industry and residence within the standard lot, or enclosed in a plate with services and parking on the basement of the tower.



The **overall size** of the settlement is potentially unlimited. The proposal is referred to a square section of 3.200 mt side, covering an area of 1.024 hectares.

The **total capacity** can not be defined. Only referring to the standard section it is possible to have 1.400 families (and, considering 4 people families, about 5.600 inhabitants).

Clarence Perry, New York 1927

The Neighbourhood Unit

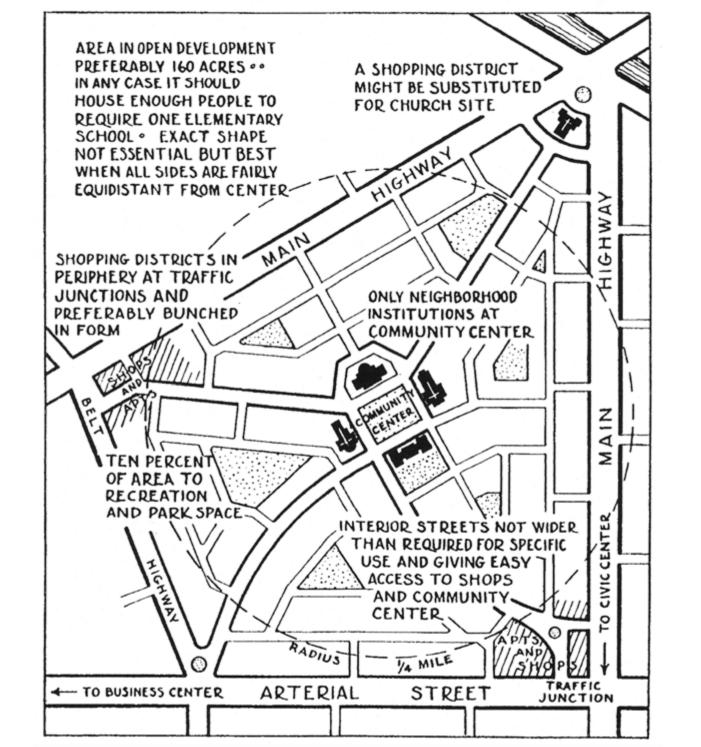
"The underlining principle of the scheme is that an **urban neighborood** should be regarded both as **unit** of a larger whole and as a **distinct** entity in itself. [...]

There are certain [...] facilities functions or aspects which are strictly local and peculiar to a well-arranged residential community.

They may be classified under four heads: (1) the **elementary school**, (2) **small parks and playgrounds**, (3) **local shops**, and (4) **residential environment**. [...]

If it is to be treated as an organic entity, then it logically follows that the first step in the conversion of unimproved acreage for residential purposes will be its subdivision into unit areas, each one of which is suitable for a single neighborood community.

The next step consist in the planning of each unit so that adequate provision is made for the efficient operation of the four main neighborhood functions."



Neighborhood Unit Principles

(Perry 1927, pp.34-35)

1- Size

A residential unit development should provide housing for that population for which one elementary school is ordinarily required, its actual area depending upon population density.

Neighborhood Unit Principles

(Perry 1927, pp.34-35)

2- Boundaries

The unit should be bounded on all sides by arterial streets, sufficiently wide to facilitate its bypassing by all through traffic.

Neighborhood Unit Principles

(Perry 1927, pp.34-35)

3- Open spaces

A system of small parks and recreations spaces, planned to meet the needs of the particular neighborhood, should be provided.

Neighborhood Unit Principles

(Perry 1927, pp.34-35)

4- Institution sites

Sites for the school and other institutions having service spheres coinciding with the limits of the unit should be suitably grouped about a central point, or common area.

Neighborhood Unit Principles

(Perry 1927, pp.34-35)

5- Local shops

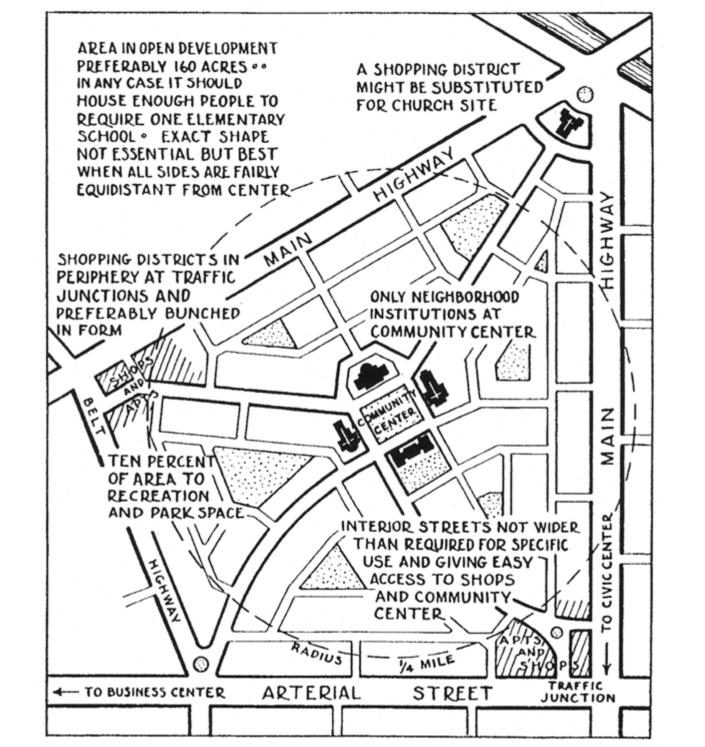
One or more shopping districts, adequate for the population to be served, should be laid out in the circumference of the unit, preferably at traffic junctions and adjacent to similar districts of adjoining neighborhoods.

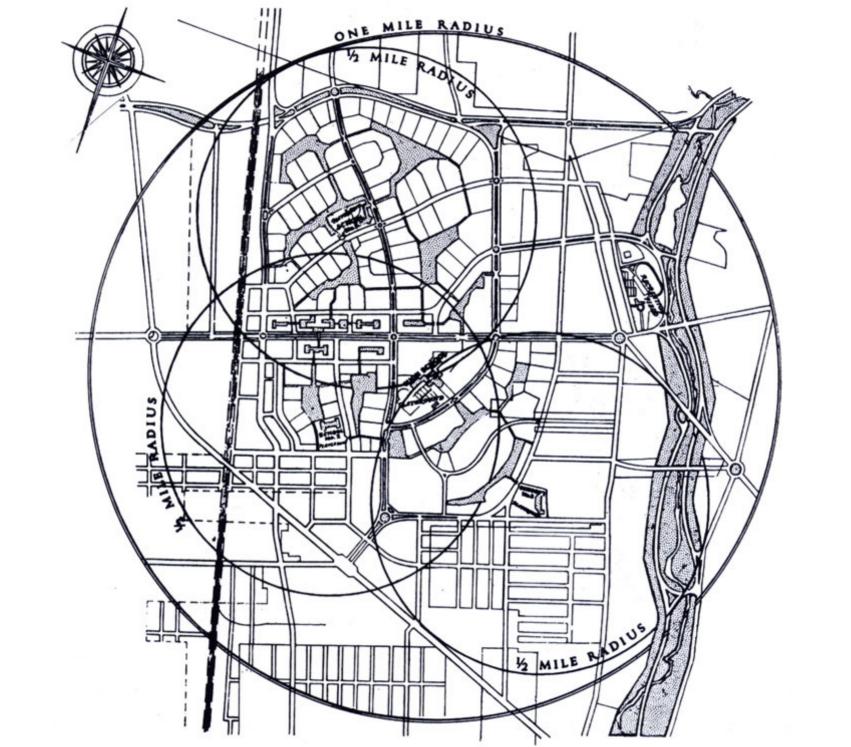
Neighborhood Unit Principles

(Perry 1927, pp.34-35)

6- Internal street system

The unit should be provided with a special street system, each highway being proportioned to its probable traffic load, and the street net as a whole being designed to facilitate circulation within the unit and to discourage its use by through traffic.

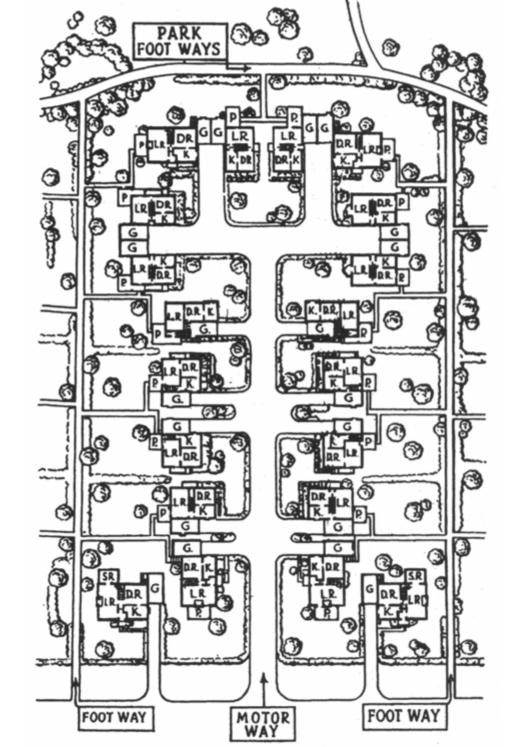












VIII CIAM, Hoddesdon 1951

The Core of the City

The "Core of the City" is the main topic of the 8th CIAM Congress, held in Hoddesdon, in 1951.

The "core" is the part of the settlement where public spaces and facilities of collective interest are mainly located; here social relations unfold and find their expression in relation with different practices of public and social life.

The Oxford English Dictionary defines a "core" as "the most intimate central part, the heart of everything".

The British group of the CIAM defined the core as "the element that makes a community a real community" and differentiates it from being a mere aggregate of individuals".

(Rogers Sert Tyrwhitt 1954, pp.159-160)

CIAM



«If we want to give to our cities a clear shape, we must classify and divide them into sectors, defining "centers", or "cores", of the settlements for each sector.

These cores will act as "catalysts", and the community life will develop around them. In these city's new nuclei, various types of **public buildings** will be grouped, according to a precise harmony of forms and spaces.

These cores will be the **meeting places** for people, and in these new community centers **pedestrians** will be able to move freely out of traffic and business duties.

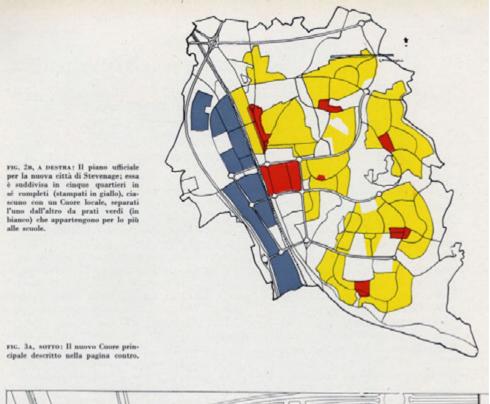
The **dimensions** will be based on the different activities that will take place in spaces. The main factors to keep in mind to determinate the final form are:

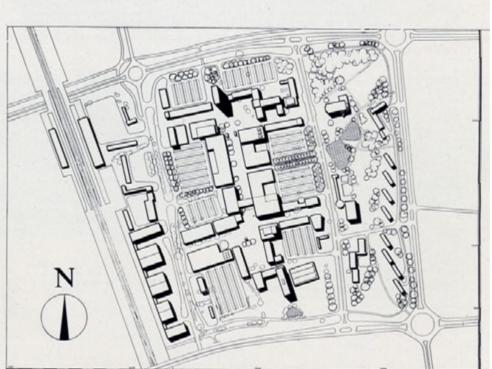
I) **distances** that could be covered by foot; II) **architectural features** pleasant to a man's eye; III) in general, everything that contributes to improve **people's space wellness** and sense of well being».

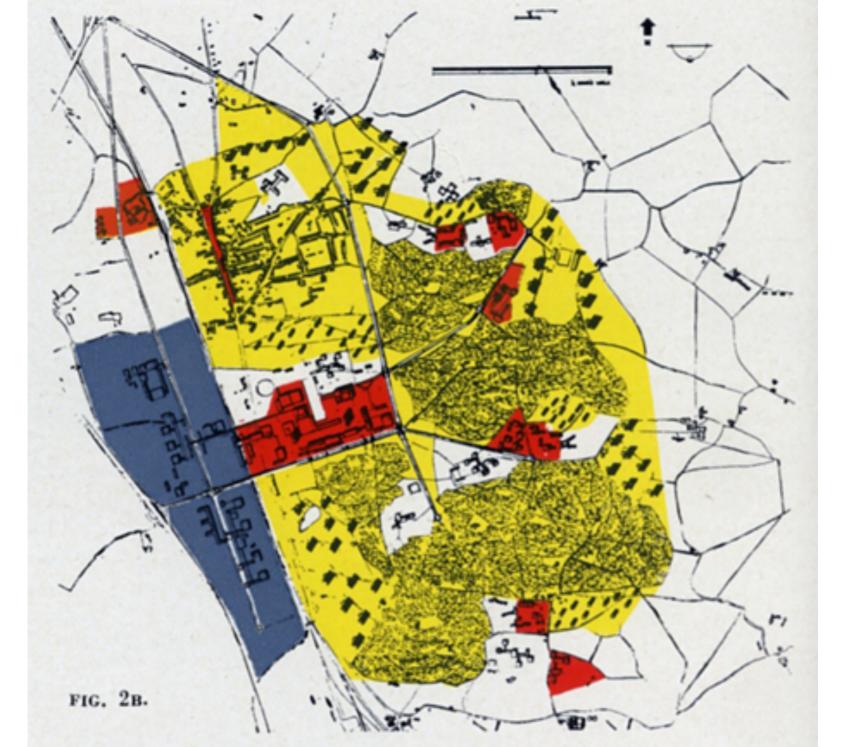
The main aspects related to the design of the core are:

- localization;
- formation process;
- time;
- relationships with the context;
- relationships between the core and the settlement and between different cores;
- principles for open space and building organization;
- function and activities.











In the contemporary city - where single family houses dominate and they are often the result of urban sprawl processes and incremental growth - it is almost always impossible to recognize kind of spaces that could have some analogies with the core's idea and its modern shape.

In these contemporary city parts, some **Superplaces of the Bigness** act as benchmarks of the territorial organization and as a reference for a growing number of social practices.

These spaces consist of big box commercial places and shopping malls, "citadels" of commerce and leisure, stations, terminals and spaces of mobility ...

These places seem to be related with various new meanings: they assume the role of new cores for the contemporary city.

In a perspective of retrofitting and refurbishment, it is necessary to recognize and to accept the **potentiality and the role of these important presences** (also at a regional scale), being references of a new territorial organization and **emerging centralities**.

The gradual formation of new cores and centralities should consider:

- -the reorganization of existing facilities, redesigning the relationships between built space and open space;
- -the expansion of possible functions and activities inside and close to existing facilities;
- -the formation of interface elements between the centralities and the surrounding patterns;
- the articulation (multiplication and differentiation) of relationships with surrounding settlements: planning different types of accessibility in relation to different potential users and considering the users' needs for which the core will be equipped and attractive.

Aldo van Eyck, Amsterdam 1947-1978

Inbetween

Between 1947 and 1978, Aldo van Eyck realized in Amsterdam 735 playgrounds.

(Ligtelijn 1999, 35)

Playground are **small surfaces**, within city's fabric, arranged and equipped in an elementary way so that it allows children to play. They were **distributed** throughout the city and placed in **vacant open spaces between** different buildings or between buildings and roads.

(Ginex 2002, 11)

anderen Zwecken dienen, nicht zu sehr unterscheidet. Etwas Elementares, sinnvoll dorthin gestellt, wo es noch Raum gibt, und fähig, das Kind aus Dunkelheit und Gefahr in Licht und größere Sicherheit zu ziehen.

So entdeckt das Kind die Stadt wieder und die Stadt ihre Kinder. Dies ist eine wechselseitige Entdeckung oder überhaupt keine.

Seit dem Ende des Krieges hatte ich Gelegenheit, eine große Anzahl von Plätzen den Bedürfnissen des Kindes anzupassen. Etwa siebzig davon sind in den engbebauten alten Vierteln von Amsterdam ausgeführt worden und etwa die gleiche Anzahl in den neuen Außenbezirken, wo das Problem weniger akut ist. Die Grundstücke, die dafür verwendet wurden, waren großenteils schon vorhanden, nutzlos, leer und tot. (Ebenso viele gleichartige Grundstücke warten in jeder Stadt der Welt.) Unzählige formlose Inseln und Parzellen, vom Straßenbauingenieur und Abrißarbeiter übriggelassen, kleine staubige und spießige, von Papier übersäte Grünflächen. Orte, für das Kind immerhin besser geeignet als für eine öffentliche Bedürfnisanstalt.

Die Auswirkungen dessen, was bisher getan wurde, auf die Stadt im ganzen reichen über die Kinder hinaus, die dort spielen. Sie zeigen die latenten Möglichkeiten, die in dem Prinzip der Neubelebung eines Stadtteils durch «Injektion» stecken. Mit einem bißchen Beton, Holz und ein paar Aluminiumrohren sind Konzentrationspunkte entstanden, wo Energie sich zusammenballt und ausdehnt. Wo Kinder und Eltern sich treffen. Anweisungen also zur größeren Gemeinschaftlichkeit. Es sind Fortsetzungen der Türschweile. Denn gerade dort durchdringen sich Innen- und Außenweit, kollektive und individuelle Sphäre. Hier gelangt des Kind wieder in den Mittelpunkt.

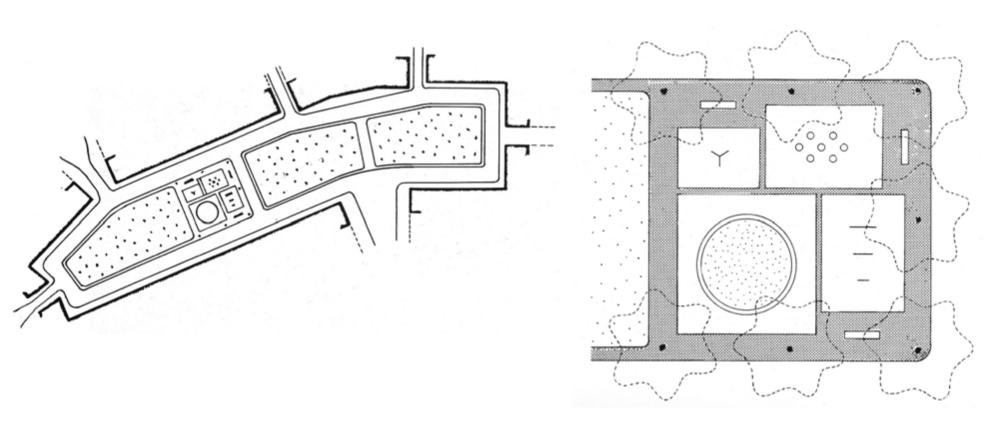
Da der Künstler seinem Wesen nach ein Verbündeter des Kindes ist, war es eine besonders stimulierende Tätigkeit. Doch es bleibt noch so viel zu tun. Unordnung und Leid brauchen keine Hauptbestandteile im städtischen Leben zu sein. Es ist Sache des Künstlers, was immer auch seine Mittel sind, Anmut zu erregen, wo Anmut verschwunden ist oder sich verborgen hält.

Behörden, lockt ihn aus seiner Abseitigkeit!

Wenn Kindsein eine Reise ist, laßt uns dafür sorgen, daß das Kind nicht bei Nacht fährt.



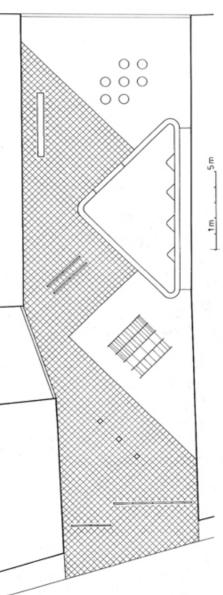


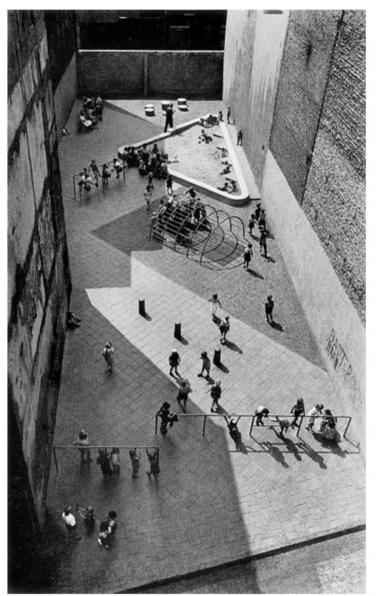




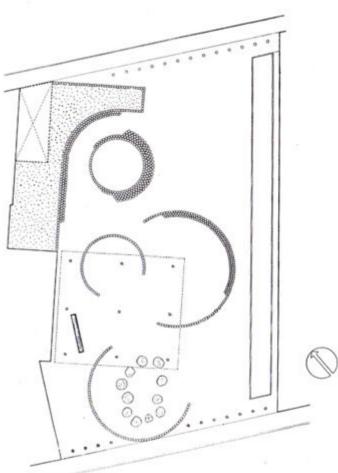


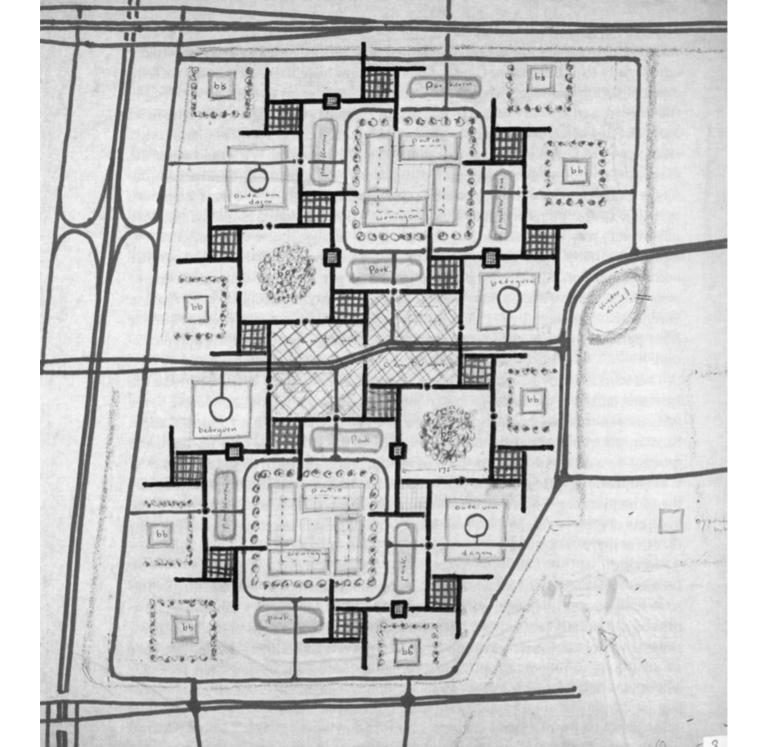


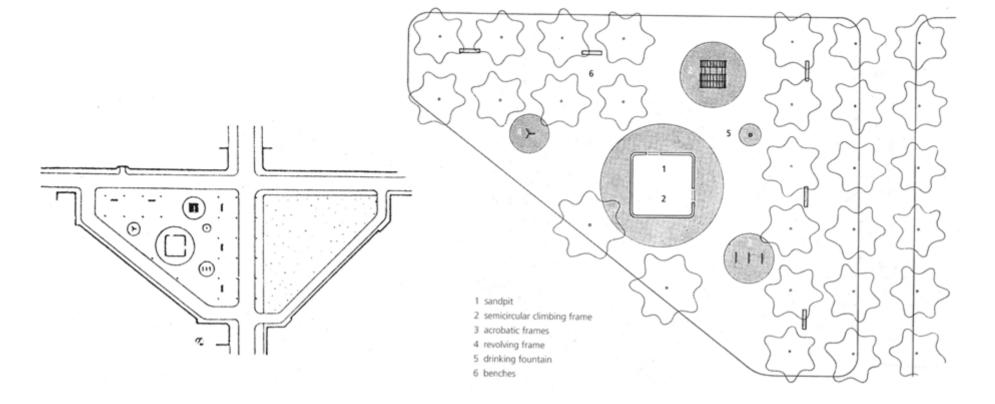


















The main interest in van Eyck's experience realized in Amsterdam lies probably in two main aspects:

- from one side, a sophisticated logic of composition (the "inbetween process),
- to the other side a practical and intelligent approach in providing technical solutions (playgrounds) conceived to meet populations contingent needs.

(Lefaivre Tzonis 1999, 17)

The overall strategy of "in-betweening" is considerable: a pervasive reorganization of urban open spaces was conceived and carried out, reorganizing and recovering innumerable residual and neglected spaces.

The "in-between" represents a "diffusive" composition strategy for common spaces; it is substantially different from the concentration approach that characterizes the "core" theory provided by the CIAM.

(Lefaivre Tzonis 1999, 70)

This experience can be relevant because the contemporary city - with its many forms and diversified settlement - is characterized by the pervasive presence of the void.